### Supplementary table 1: uniport gene protein name

| Entry | Protein names | Gene names | Uniport gene names |
|-------|---------------|------------|-------------------|
| Q96R72 | Olfactory receptor 4K3 | OR4K3 | Progesterone receptor |
| Q9JK2 | Olfactory receptor 52A1 | OR52A1 | Nitric oxide synthase, inducible |
| Q9H2OT | Olfactory receptor 2AG1 | OR2AG1 | Prostaglandin G/H synthase 1 |
| Q8NGN2 | Olfactory receptor 10S1 | OR10S1 | Androgen receptor |
| Q8NGC1 | Olfactory receptor 11G2 | OR11G2 | Sodium channel protein type 5 subunit alpha |
| Q60502 | Protein O-GlcNAcase | OGA | Prostaglandin G/H synthase 2 |
| Q8NGX2 | Olfactory receptor 2T35 | OR2T35 | Estrogen receptor beta |
| A6NGY5 | Olfactory receptor 51F1 | OR51F1 | Dipeptidyl peptidase IV |
| Q8NGE3 | Olfactory receptor 10P1 | OR10P1 | Heat shock protein HSP 90 |
| Q6f63 | Olfactory receptor 52W1 | OR52W1 | Cell division protein kinase 2 |
| Q9BXB4 | Oxysterol-binding protein-related protein 11 | OSBPL11 | Serine/threonine-protein kinase Chk1 |
| Q9UJX0 | Oxidative stress-induced growth inhibitor 1 | OSGN1 | Trypsin-1 |
| Q6A1A2 | Putative 3-phosphoinositide-dependent protein kinase 2 | PRK2P | Nuclear receptor coactivator 2 |
| Q96S52 | GPI transamidase component PIG-S | PIGS | Calmodulin |
| P13686 | Tartrate-resistant acid phosphatase type 5 | ACPS | Progesterone receptor |
| P17980 | 26S proteasome regulatory subunit 6A | PSMC3 | Nuclear receptor coactivator 2 |
| Q5THK1 | Protein PRR14L | PRR14L | Muscarinic acetylcholine receptor M3 |
| P0CG20 | Proline-rich protein 35 | PRP35 | Muscarinic acetylcholine receptor M1 |
| Q9ULL5 | Proline-rich protein 12 | PRR12 | Gamma-aminobutyric-acid receptor alpha-3 subunit |
| Q6NWY9 | Pre-mRNA-processing factor 40 homolog B | PRPF40B | Gamma-aminobutyric-acid receptor alpha-2 subunit |
| Q5TYX0 | PRAME family member 5 | PRAMEF5 | Muscarinic acetylcholine receptor M2 |
| Q00LT1 | Photoreceptor disk component PRCD | PRCD | Alpha-1B adrenergic receptor |
| Q9UMR5 | Lysosomal thioesterase PPT2 | PPT2 | Glutamate receptor 1 |
| P0DJO7 | Protein PET100 homolog, mitochondrial | PET100 | Gamma-aminobutyric-acid receptor subunit-alpha-6 |
| Q8WW60 | Pentatricopeptide repeat-containing protein 2, mitochondrial | PTC2D | Gamma-aminobutyric-acid receptor-alpha-5 subunit |
| Q96EY7 | Pentatricopeptide repeat domain-containing protein 3, mitochondrial | PTC3D | Ig gamma-1 chain C region |
| Q7RTS3 | Pancreas transcription factor 1 subunit alpha | PTFA | Alcohol dehydrogenase 1B |
| P20962 | Parathymosin | PTMS | Alcohol dehydrogenase 1C |
| Q92530 | Proteasome inhibitor Pl31 subunit | PSMF1 | Lysozyme |
| Q14957 | Cytochrome b-c1 complex subunit 10 | UQCR11 | Nicotinate-nucleotide--dimethylbenzimidazole phosphoribosyltransferase |
| Q62RP7 | Sulphydryl oxidase 2 | OSOX2 | Prostaglandin G/H synthase 1 |
| Q8TBF2 | Prostaglandin synthase | PRX2L | Sodium channel protein type 5 subunit alpha |
| Q86YV0 | RAS protein activator like-3 | RASAL3 | Prostaglandin G/H synthase 2 |
| Q8FN5 | Retinoic acid-induced protein 3 | GPR5CA | Retinoic acid receptor RXR-alpha |
| Q14206 | Calciцинpress-2 | RCAN2 | CGMP-inhibited 3,5'-cyclic phosphodiesterase A |
| Q92P8 | RNA 3'-terminal phosphate cyclase-like protein | RCL1 | Sodium-dependent noradrenaline transporter |
| A4D1S5 | Ras-related protein Rab-19 | RAB19 | Cytochrome P450-cam |
| P61106 | Ras-related protein Rab-14 | RAB14 | Progesterone receptor |
| Q95716 | Ras-related protein Rab-3D | RAB3D | Nitric oxide synthase, inducible |
| Q8N420 | Ras-related protein Rab-42 | RAB42 | Prostaglandin G/H synthase 1 |
| P49795 | Regulator of G-protein signaling 19 | RGS19 | Estrogen receptor |
| Q7LQ8 | Rho-related GTP-binding protein RhoU | RHOU | Androgen receptor |
| A6NGY5 | Olfactory receptor 51F1 | OR51F1 | Dipeptidyl peptidase IV |
| Q8NGE3 | Olfactory receptor 10P1 | OR10P1 | Heat shock protein HSP 90 |
| Q6f63 | Olfactory receptor 52W1 | OR52W1 | Cell division protein kinase 2 |
| Q9BXB4 | Oxysterol-binding protein-related protein 11 | OSBPL11 | Serine/threonine-protein kinase Chk1 |
| Q9UJX0 | Oxidative stress-induced growth inhibitor 1 | OSGN1 | Trypsin-1 |
| Q6A1A2 | Putative 3-phosphoinositide-dependent protein kinase 2 | PRK2P | Nuclear receptor coactivator 2 |
| Q96S52 | GPI transamidase component PIG-S | PIGS | Calmodulin |
| P13686 | Tartrate-resistant acid phosphatase type 5 | ACPS | Progesterone receptor |
| P17980 | 26S proteasome regulatory subunit 6A | PSMC3 | Nuclear receptor coactivator 2 |
| Q5THK1 | Protein PRR14L | PRR14L | Muscarinic acetylcholine receptor M3 |
| P0CG20 | Proline-rich protein 35 | PRP35 | Muscarinic acetylcholine receptor M1 |
| Q9ULL5 | Proline-rich protein 12 | PRR12 | Gamma-aminobutyric-acid receptor alpha-2 subunit |
| Q6NWY9 | Pre-mRNA-processing factor 40 homolog B | PRPF40B | Gamma-aminobutyric-acid receptor alpha-3 subunit |
| Q5TYX0 | PRAME family member 5 | PRAMEF5 | Muscarinic acetylcholine receptor M2 |
| Q5VTActive member 17 | PRAMEF17 | PRAMEF17 | Alpha-1B adrenergic receptor |
| Q00LT1 | Photoreceptor disk component PRCD | PRCD | Gamma-aminobutyric-acid receptor subunit-alpha-1 |
| Q9UMR5 | Lysosomal thioesterase PPT2 | PPT2 | Glutamate receptor 2 |
| P0DJO7 | Protein PET100 homolog, mitochondrial | PET100 | Gamma-aminobutyric-acid receptor subunit-alpha-6 |
| Q8WW60 | Pentatricopeptide repeat-containing protein 2, mitochondrial | PTC2D | Gamma-aminobutyric-acid receptor-alpha-5 subunit |
| Q96EY7 | Pentatricopeptide repeat domain-containing protein 3, mitochondrial | PTC3D | Ig gamma-1 chain C region |
| Q7RTS3 | Pancreas transcription factor 1 subunit alpha | PTFA | Alcohol dehydrogenase 1B |
| P20962 | Parathymosin | PTMS | Alcohol dehydrogenase 1C |
| Q92530 | Proteasome inhibitor Pl31 subunit | PSMF1 | Lysozyme |
| O14957 | Cytochrome b-c1 complex subunit 10 | UQCR11 | Nicotinate-nucleotide--dimethylbenzimidazole phosphoribosyltransferase |
| Q62RP7 | Sulphydryl oxidase 2 | OSOX2 | Prostaglandin G/H synthase 1 |
| Q8TBF2 | Prostaglandin synthase | PRX2L | Sodium channel protein type 5 subunit alpha |
| Q86YV0 | RAS protein activator like-3 | RASAL3 | Prostaglandin G/H synthase 2 |
| Q8FN5 | Retinoic acid-induced protein 3 | GPR5CA | Retinoic acid receptor RXR-alpha |
| Q14206 | Calciцинpress-2 | RCAN2 | CGMP-inhibited 3,5'-cyclic phosphodiesterase A |
| Q92P8 | RNA 3'-terminal phosphate cyclase-like protein | RCL1 | Sodium-dependent noradrenaline transporter |
| A4D1S5 | Ras-related protein Rab-19 | RAB19 | Cytochrome P450-cam |
| P61106 | Ras-related protein Rab-14 | RAB14 | Progesterone receptor |
| Q95716 | Ras-related protein Rab-3D | RAB3D | Nitric oxide synthase, inducible |
| Q8N420 | Ras-related protein Rab-42 | RAB42 | Prostaglandin G/H synthase 1 |
| P49795 | Regulator of G-protein signaling 19 | RGS19 | Estrogen receptor |
| Q7LQ8 | Rho-related GTP-binding protein RhoU | RHOU | Androgen receptor |
| Accession | Name | Description | Protein | Other Protein | Other Protein | Other Protein |
|-----------|------|-------------|---------|---------------|---------------|---------------|
| Q9BQ08    | Resistin-like beta | RETNLB | Peroxisome proliferator activated receptor gamma | #N/A | #N/A |
| Q9HB40    | Retinoid-inducible serine carboxypeptidase | SCPEP1 | Prostaglandin G/H synthase 2 | PTGS2 | PTGS2 |
| Q8NHV9    | Rhox homeobox family member 1 | RHOXF1 | mRNA of Protein-tyrosine phosphatase, non-receptor type 1 | #N/A | #N/A |
| P07949    | Proto-oncogene tyrosine-protein kinase receptor Ret | RET | Estrogen receptor beta | GABRA2 | GABRA2 |
| Q8TAC1    | Rieske domain-containing protein | RETF5D | Dipeptidyl peptidase IV | #N/A | #N/A |
| Q9UJD0    | Regulating synaptic membrane exocytosis protein 3 | RIMS | Mitogen-activated protein kinase 14 | MAPK14 | MAPK14 |
| P50914    | 60S ribosomal protein L14 | RPL14 | Glycogen synthase kinase-3 beta | HTR2A | HTR2A |
| Q969Q0    | 60S ribosomal protein L36a | RPL36AL | Heat shock protein HSP 90 | GABRA5 | GABRA5 |
| Q9NSD7    | Rhox homeobox family member 1 | RHOXF1 | mRNA of Protein-tyrosine phosphatase, non-receptor type 1 | #N/A | #N/A |
| P07949    | Proto-oncogene tyrosine-protein kinase receptor Ret | RET | Estrogen receptor beta | GABRA2 | GABRA2 |
| Q8TAC1    | Rieske domain-containing protein | RETF5D | Dipeptidyl peptidase IV | #N/A | #N/A |
| Q9UJD0    | Regulating synaptic membrane exocytosis protein 3 | RIMS | Mitogen-activated protein kinase 14 | MAPK14 | MAPK14 |
| P50914    | 60S ribosomal protein L14 | RPL14 | Glycogen synthase kinase-3 beta | HTR2A | HTR2A |
| Q969Q0    | 60S ribosomal protein L36a | RPL36AL | Heat shock protein HSP 90 | GABRA5 | GABRA5 |
| Q9NSD7    | Rhox homeobox family member 1 | RHOXF1 | mRNA of Protein-tyrosine phosphatase, non-receptor type 1 | #N/A | #N/A |
| P07949    | Proto-oncogene tyrosine-protein kinase receptor Ret | RET | Estrogen receptor beta | GABRA2 | GABRA2 |
| Q8TAC1    | Rieske domain-containing protein | RETF5D | Dipeptidyl peptidase IV | #N/A | #N/A |
| Q9UJD0    | Regulating synaptic membrane exocytosis protein 3 | RIMS | Mitogen-activated protein kinase 14 | MAPK14 | MAPK14 |
| P50914    | 60S ribosomal protein L14 | RPL14 | Glycogen synthase kinase-3 beta | HTR2A | HTR2A |
| Q969Q0    | 60S ribosomal protein L36a | RPL36AL | Heat shock protein HSP 90 | GABRA5 | GABRA5 |
| Q9NSD7    | Rhox homeobox family member 1 | RHOXF1 | mRNA of Protein-tyrosine phosphatase, non-receptor type 1 | #N/A | #N/A |
| P07949    | Proto-oncogene tyrosine-protein kinase receptor Ret | RET | Estrogen receptor beta | GABRA2 | GABRA2 |
| Q8TAC1    | Rieske domain-containing protein | RETF5D | Dipeptidyl peptidase IV | #N/A | #N/A |
| Q9UJD0    | Regulating synaptic membrane exocytosis protein 3 | RIMS | Mitogen-activated protein kinase 14 | MAPK14 | MAPK14 |
| P50914    | 60S ribosomal protein L14 | RPL14 | Glycogen synthase kinase-3 beta | HTR2A | HTR2A |
| Q969Q0    | 60S ribosomal protein L36a | RPL36AL | Heat shock protein HSP 90 | GABRA5 | GABRA5 |
| Q9NSD7    | Rhox homeobox family member 1 | RHOXF1 | mRNA of Protein-tyrosine phosphatase, non-receptor type 1 | #N/A | #N/A |
| P07949    | Proto-oncogene tyrosine-protein kinase receptor Ret | RET | Estrogen receptor beta | GABRA2 | GABRA2 |
| Q8TAC1    | Rieske domain-containing protein | RETF5D | Dipeptidyl peptidase IV | #N/A | #N/A |
| Q9UJD0    | Regulating synaptic membrane exocytosis protein 3 | RIMS | Mitogen-activated protein kinase 14 | MAPK14 | MAPK14 |
| P50914    | 60S ribosomal protein L14 | RPL14 | Glycogen synthase kinase-3 beta | HTR2A | HTR2A |
| Q969Q0    | 60S ribosomal protein L36a | RPL36AL | Heat shock protein HSP 90 | GABRA5 | GABRA5 |
| Q9NSD7    | Rhox homeobox family member 1 | RHOXF1 | mRNA of Protein-tyrosine phosphatase, non-receptor type 1 | #N/A | #N/A |
| Accession | Description                                                                 | Enzyme/Receptor                                                                 | Accession | Description                                                                 | Enzyme/Receptor                                                                 |
|-----------|-----------------------------------------------------------------------------|--------------------------------------------------------------------------------|-----------|-----------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| Q13087    | Protein disulfide-isomerase A2                                               | PDIA2 5-hydroxytryptamine receptor 3A                                         | Q15084    | Protein disulfide-isomerase A6                                               | PDIA6 Alpha-2C adrenergic receptor                                                |
| Q53GL7    | Protein mono-ADP-ribosyltransferase PARP10                                   | PARP10 Retinoic acid receptor RXR-alpha                                          | Q5MIZ7    | Serine/threonine-protein phosphatase 4 regulatory subunit 3B                | Acetylcholinesterase                                                            |
| A4QPH2    | Putative phosphatidylinositol 4-kinase alpha-like protein P2                  | PI4KAP2 CGMP-inhibited 3',5'-cyclic phosphodiesterase A                        | Q9Z861    | Phytanoyl-CoA hydroxylase-interacting protein                              | PHYHIP Alpha-1B adrenergic receptor                                              |
| Q8YJ0     | PILR alpha-associated neural protein                                           | PIANP Beta-2 adrenergic receptor                                                | Q8WWW0    | Ras association domain-containing protein 5                                 | RASSF5 Alpha-1D adrenergic receptor                                              |
| Q06609    | DNA repair protein RAD51 homolog 1                                          | RAD51 Mu-type opioid receptor                                                   | Q75452    | Retinol dehydrogenase 16                                                   | RDH16 Gamma-aminobutyric acid receptor subunit alpha-1                         |
| Q9Z8K7    | Rab-like protein 2A                                                          | RABL2A Tryptsin-1                                                             | Q99UKM9   | RNA-binding protein Raly                                                    | RALY Nuclear receptor coactivator 2                                             |
| Q0AV95    | RNA-binding protein 47                                                     | RBM47 Calmodulin                                                                | P15927    | Replication protein A 32 kDa subunit                                        | RPA2 Estrogen receptor                                                          |
| P46060    | Ran GTase-activating protein 1                                               | RANGap1 Nitric oxide synthase, inducible                                        | Q96S3     | Retina and anterior neural fold homeolog 2                                   | RAX2 Prostaglandin G/H synthase 1                                              |
| P61572    | Endogenous retrovirus group K neuron 19 Rec protein                          | ERVK-19 Dopamine D1 receptor                                                   | Q9BRK0    | Receptor expression-enhancing protein 2                                     | REEP2 Muscarinic acetylcholine receptor M3                                       |
| A1A4S6    | Rho GTase-activating protein 10                                               | ARHGAP10 Thrombin                                                              | P61020    | Ras-related protein Rab-5B                                                  | RAB5B Potassium voltage-gated channel subfamily H member 2                     |
| P62888    | 60S ribosomal protein L30                                                    | RPL30 Androgen receptor                                                        | Q9P015    | 39S ribosomal protein L15, mitochondrial                                      | MRPL15 Beta-1 adrenergic receptor                                              |
| Q9HA0T    | Ropporin-1A                                                                 | ROPN1 Sodium channel protein type 5 subunit alpha                              | Q99YN7    | Roundabout homolog 1                                                         | ROBO1 Peroxisome proliferator activated receptor gamma                           |
| Q13151    | Heterogeneous nuclear ribonucleoprotein A0                                   | HNRNPA0 Coagulation factor Xa                                                   | P60602    | Reactive oxygen species modulator 1                                         | ROMO1 Muscarinic acetylcholine receptor M5                                      |
| Q13464    | Rho-associated protein kinase 1                                              | ROCK1 Prostaglandin G/H synthase 2                                              | Q9P1U0    | DNA-directed RNA polymerase I subunit RPA12                                 | POLR1H Nitric-oxide synthase, endothelial                                      |
| Q38276    | DNA-directed RNA polymerase I subunit RPA43                                 | POLR1F Alpha-2C adrenergic receptor                                             | Q9NV58    | E3 ubiquitin-protein ligase                                                  | RNF19A Muscarinic acetylcholine receptor M4                                    |
| P78346    | Ribonuclease P protein subunit p30                                            | RPP30 Retinoic acid receptor RXR-alpha                                          | Q98UL9    | Ribonuclease P protein subunit p25                                           | RPP25 Delta-type opioid receptor                                                |
| Q8N6L0    | Protein KASH5                                                                | KASH5 CGMP-inhibited 3',5'-cyclic phosphodiesterase A                         | Q8UUC0    | Keratin-associated protein 13-1                                              | KRTAP13-1 5-hydroxytryptamine 2A receptor                                       |
| P60368    | Keratin-associated protein 10-2                                               | KRTAP10-2 Alpha-1A adrenergic receptor                                         | P43629    | Killer cell immunoglobulin-like receptor 3DL1                               | KIR3DL1 Muscarinic acetylcholine receptor M2                                   |
| Q6P1M3    | LLGL scribble cell polarity complex component 2                             | LLGL2 Alpha-1B adrenergic receptor                                             | O14910    | Protein lin-7 homolog A                                                      | LIN7A Sodium-dependent dopamine transporter                                     |

**Note:** The table lists proteins and their associated enzymes or receptors. Some entries have additional comments or aliases. The table is structured in a readable format, with columns for the Accession number, description, and enzyme/receptor information.
| Gene ID | Description |
|---------|-------------|
| Q6ZMV7 | Leucine-, glutamate- and lysine-rich protein 1 (LEKR1) | Beta-2 adrenergic receptor (ADRB2) |
| P31025 | Lipocalin-1 (LCN1) | Alpha-1D adrenergic receptor (ADRA1D) |
| Q6UWP7 | Lysocardiolipin acyltransferase 1 (LCLAT1) | Sodium-dependent serotonin transporter (SLC6A4) |
| P48163 | NADP-dependent malic enzyme (ME1) | Estrogen receptor beta (ESR2) |
| O60942 | mRNA-capping enzyme (RGTT) | Gamma-aminobutyric acid receptor subunit alpha-1 (GABRA1) |
| A0A075B6I0 | Immunoglobulin lambda variable 8-61 (ILV8-61) | Dipeptidyl peptidase IV (DPPIV) |
| Q8IW41 | MAP kinase-activated protein kinase 5 (MAPKAPK5) | Mitogen-activated protein kinase 14 (MAPK14) |
| Q86Y5J | E3 ubiquitin-protein ligase (MARCHF9) | Heat shock protein HSP 90 (HSPA9) |
| Q8NFP4 | MAM domain-containing glycosylphosphatidylinositol anchor protein 1 (MDGA1) | Cell division protein kinase 2 (CDK2) |
| Q7KZI7 | Serine/threonine-protein kinase MARK2 | Serine/threonine-protein kinase Chk1 (CHEK1) |
| Q68D85 | Natural cytotoxicity triggering receptor 3 ligand 1 (NCR3LG1) | mRNA of PKA Catalytic Subunit C-alpha (PKCA-C) |
| Q96KX0 | Lysozyme-like protein 4 (LYZL4) | Retinoic acid receptor RXR-beta (RXRB) |
| Q9NCX5 | GATOR complex protein MIOS (MIOS) | Trypsin-1 (TRPL) |
| Q96PC5 | Melanoma inhibitory activity protein 2 (MIA2) | Proto-oncogene senes/threonine-protein kinase Pim-1 (KRTCA1) |
| Q96MC6 | Hippocampus abundant transcript 1 protein (MFSD14A) | Cyclin-A2 (CCNA2) |
| Q9327 | Beta-1,4-mannosyl-glycoprotein 4-beta-N-acetylglucosaminyltransferase (MGAT3) | Nuclear receptor coactivator 2 (NCOA2) |
| Q93E3 | Calcium uptake protein 3, mitochondrial (MCU3) | Calcium-activated potassium channel subunit alpha 1 (KCNAC1) |
| Q96H12 | Myb/SANT-like DNA-binding domain-containing protein 3 (MSANTD3) | Prostaglandin G/H synthase 2 (PTGS2) |
| Q95553 | Mitochondrial pyruvate carrier 2 (MPC2) | DNA topoisomerase II (TOP2A) |
| P49006 | MARCKS-related protein (MARCKSL1) | Nuclear receptor coactivator 2 (NCOA2) |
| Q14149 | MORC family CW-type zinc finger protein 3 (MORC3) | Nicotinamide phosphoribosyltransferase (NAMPT) |
| Q9NV56 | MRG/MORF4L-binding protein (MRGPRD) | Muscarinic acetylcholine receptor M3 (CHRM3) |
| Q8NSU4 | Male-specific lethal 3 homolog (MSL3) | Thrombin (TH) |
| Q96033 | Molybdopterin synthase sulfur carrier subunit (MOC52) | Muscarinic acetylcholine receptor M1 (CHRM1) |
| Q8NCK7 | Monocarboxylate transporter 11 (SLC16A11) | Estrogen receptor (ESR1) |
| Q99551 | Transcription termination factor 1, mitochondrial (MTERF1) | Sodium channel protein type 5 subunit alpha (SCN5A) |
| B1AL46 | NUT family member 2E (NUTM2E) | Prostaglandin G/H synthase 2 (PTGS2) |
| Q8NGS3 | Olfactory receptor 1J1 (OR1J1) | S-hydroxytryptamine receptor 3A (HTR3A) |
| P03886 | NADH-ubiquinone oxidoreductase chain 1 (MT-ND1) | Retinoic acid receptor RXR-alpha (RXRA) |
| O95006 | Olfactory receptor 2F2 (OR2F2) | Acetylcholinesterase (ACHE) |
| Q8NH18 | Olfactory receptor 52E5 (OR52E5) | Heat shock protein HSP 90 (HSPA9) |
| Q8N918 | Olfactory receptor 7G1 (OR7G1) | Gamma-aminobutyric acid receptor subunit alpha-1 (GABRA1) |
| Q8NGK1 | Olfactory receptor 51G1 (OR51G1) | Neuronal acetylcholine receptor protein, alpha-7 chain (CHRNA7) |
| Q8NHS5 | Olfactory receptor 2E5 (OR2E5) | Trypsin-1 (TRPL) |
| Q8N602 | Olfactory receptor 7A1 (OR7A1) | Nuclear receptor coactivator 2 (NCOA2) |
| Q8N911 | Olfactory receptor 13A1 (OR13A1) | Nuclear receptor coactivator 1 (NCOA1) |
| Accession | Description                                      | Interactions                                      | 1 | 2 |
|-----------|--------------------------------------------------|--------------------------------------------------|---|---|
| Q96SU4    | Oxysterol-binding protein-related protein 9      | OSBPL9                                           | Calmodulin | #N/A | #N/A |
| O8WWB5    | PIH1 domain-containing protein 2                 | PIH1D2                                           | Muscarinic acetylcholine receptor M4 | CHRM4 | CHRM4 |
| Q9NRD5    | PKRCA-binding protein                            | PICK1                                            | Prostaglandin G/H synthase 2       | PTGS2  | PTGS2 |
| P50452    | Peroxisomal targeting signal 1 receptor          | PEX5                                             | Vascular endothelial growth factor receptor 2 | KDR | KDR |
| O14494    | Phospholipid phosphatase 1                       | PLPP1                                            | Hepatocyte growth factor receptor  | MET | MET |
| P50508    | Phospholipid transfer protein                    | PLTP                                             | Heat shock protein HSP 90          | #N/A | #N/A |
| Q9UG5     | Psoriasis susceptibility 1 candidate gene 1 protein | PSORS1C1                                        | Calcium-activated potassium channel subunit alpha 1 | #N/A | #N/A |
| P23469    | Receptor-type tyrosine-protein phosphatase epsilon | PTPRE                                           | Prostaglandin G/H synthase 1       | PTGS1  | PTGS1 |
| O95456    | Proteasome assembly chaperone 1                  | PSMG1                                            | DNA topoisomerase II               | #N/A | #N/A |
| Q9Y3U8    | 60S ribosomal protein L36                        | RPL36                                            | Nitric oxide synthase, inducible   | NOS2  | NOS2 |
| Q96G2     | LIM/homeobox protein Lhx4                        | LHX4                                             | Prostaglandin G/H synthase 1       | PTGS1  | PTGS1 |
| A8MVA2    | Keratin-associated protein 9-6                   | KRTAP9-6                                         | Muscarinic acetylcholine receptor M1 | CHRM1  | CHRM1 |
| P50518    | Olfactory receptor 4D2                           | OR4D2                                            | Estrogen receptor                  | ESR1  | ESR1 |
| Q8WWB5    | PIH1 domain-containing protein 2                 | PIH1D2                                           | Muscarinic acetylcholine receptor M4 | CHRM4  | CHRM4 |
| O8WWB5    | PIH1 domain-containing protein 2                 | PIH1D2                                           | Muscarinic acetylcholine receptor M4 | CHRM4  | CHRM4 |
| ENSG0000017902 | Olfactory receptor 4D2                           | OR4D2                                            | Estrogen receptor                  | ESR1  | ESR1 |
| P23476    | Receptor-type tyrosine-protein phosphatase epsilon | PTPRE                                           | Prostaglandin G/H synthase 1       | PTGS1  | PTGS1 |
| O95456    | Proteasome assembly chaperone 1                  | PSMG1                                            | DNA topoisomerase II               | #N/A | #N/A |
| Q9Y3U8    | 60S ribosomal protein L36                        | RPL36                                            | Nitric oxide synthase, inducible   | NOS2  | NOS2 |
| Q96G2     | LIM/homeobox protein Lhx4                        | LHX4                                             | Prostaglandin G/H synthase 1       | PTGS1  | PTGS1 |
| A8MVA2    | Keratin-associated protein 9-6                   | KRTAP9-6                                         | Muscarinic acetylcholine receptor M1 | CHRM1  | CHRM1 |
| P50518    | Olfactory receptor 4D2                           | OR4D2                                            | Estrogen receptor                  | ESR1  | ESR1 |
| Q8WWB5    | PIH1 domain-containing protein 2                 | PIH1D2                                           | Muscarinic acetylcholine receptor M4 | CHRM4  | CHRM4 |
| O8WWB5    | PIH1 domain-containing protein 2                 | PIH1D2                                           | Muscarinic acetylcholine receptor M4 | CHRM4  | CHRM4 |
| ENSG0000017902 | Olfactory receptor 4D2                           | OR4D2                                            | Estrogen receptor                  | ESR1  | ESR1 |
| Gene ID   | Description                                                                 | Description          | HSD3B2 | HSD3B2 |
|----------|-----------------------------------------------------------------------------|----------------------|--------|--------|
| P12271   | Retinaldehyde-binding protein 1                                             | RLBPI                |        |        |
| Q68DV7   | E3 ubiquitin-protein ligase RNF43                                           | RNF43                |        |        |
| P47736   | Rap1 GTPase-activating protein 1                                             | RAP1GAP              |        |        |
| P14678   | Small nuclear ribonucleoprotein-associated proteins B and B'                     | SNRPB                |        |        |
| P62081   | 40S ribosomal protein S7                                                    | RPS7                 |        |        |
| P82650   | 28S ribosomal protein S22, mitochondrial                                    | MRPS22               |        |        |
| Q8N4F4   | Steroid transmembrane transporter SLC22A24                                  | SLC22A24             |        |        |
| Q8TB1P6  | Solute carrier family 25 member 40                                          | SLC25A40             |        |        |
| Q95156   | Neurexophilin-2                                                            | NXPH2                |        |        |
| Q8N416   | Olfactory receptor 8H3                                                      | OR8H3                |        |        |
| Q9UKK6   | NTF2-related export protein 1                                              | NXT1                 |        |        |
| POC628   | Olfactory receptor 5AC1                                                    | OR5AC1               |        |        |
| Q8NGK0   | Olfactory receptor 5G2                                                     | OR5G2                |        |        |
| Q6ZVCO   | Neuronal cytosolic phosphorylated phosphoinositide-3-kinase                  | NYAP1                |        |        |
| Q96R47   | Olfactory receptor 2A14                                                     | OR2A14               |        |        |
| Q8NGN4   | Olfactory receptor 10G9                                                     | OR10G9               |        |        |
| Q8N47H3  | Olfactory receptor 45S2                                                     | OR452                |        |        |
| Q9ULC6   | Protein-arginine deaminase type-1                                           | PAD1                 |        |        |
| Q9Y5G2   | Proteocadherin gamma-B2                                                    | PCDHGB2              |        |        |
| P0DN26   | Peptidyl-prolyl cis-trans isomerase A-like 4F                              | PPIL4F               |        |        |
| Q4GO5U   | Citrullinase- and flagella-associated protein 221                          | CFAP221              |        |        |
| Q8IY49   | Monocyte to macrophage differentiation factor 2                             | MMD2                 |        |        |
| O95263   | High affinity CAMP-specific and IBMX-insensitive 3',5'-cyclic phosphodiesterase 8B | PDE8B                |        |        |
| P51160   | Cone cGMP-specific 3',5'-cyclic phosphodiesterase apha'                      | PDE6C                |        |        |
| Q9NPG4   | Proteocadherin-12                                                          | PCDH12               |        |        |
| Q9V5E2   | Proteocadherin beta-7                                                       | PCDHB7               |        |        |
| O13530   | Tumor protein p73                                                           | TP73                 |        |        |
| Q15120   | PKD3                                                                       |                      |        |        |
| P23219   | Prostaglandin G/H synthase 1                                                | PTGS1                |        |        |
| Q9UKK3   | Protein mono-ADP-ribosyltransferase PARP4                                   | PARP4                |        |        |
| Q86V59   | Paraneoplastic antigen-like protein 8A                                      | PNMA8A               |        |        |
| Q43316   | Paired box protein Pax-4                                                    | PAX4                 |        |        |
| Q8N4L2   | Type 2 phosphodiynolinositol 4,5-bisphosphate 4-phosphatase                 | PPiP4P2              |        |        |
| Q15124   | Phosphoglucomutase-like protein 5                                            | PGM5                 |        |        |
| Q8N414   | PiggyBac transposable element-derived protein 5                             | PGBD5                |        |        |
| P15309   | Prostacic acid phosphatase                                                  | ACPC                 |        |        |
| Q9PIA2   | Putative serine/threonine-protein phosphatase 4 regulatory subunit 1-like    | PPI4R1               |        |        |
| Q13401   | Putative postmeiotic segregation increased 2-like protein 3                 | PMI2P3               |        |        |
| Q96BZ4   | 5'-3' exonuclease PLD4                                                      | PLD4                 |        |        |
| P40967   | Melanoctye protein PIME                                                       | PMEL                 |        |        |
| O15297   | Protein phosphatase 1D                                                       | PMPID                |        |        |
| Gene ID | Protein Name                                                                 | Description                                                                 | Gene ID | Protein Name                                                                 | Description                                                                 |
|--------|------------------------------------------------------------------------------|------------------------------------------------------------------------------|--------|------------------------------------------------------------------------------|------------------------------------------------------------------------------|
| Q02325 | Plasminogen-like protein B                                                   | PLGLB1                                                                       |        | Sodium-dependent noradrenaline transporter                                   | SLC6A2                                                                       |
| P26678 | Cardiac phospholamban                                                       | PLN                                                                          |        | Muscarinic acetylcholine receptor M2                                          | CHRM2                                                                        |
| P13796 | Plastin-2                                                                   | LCP1                                                                         | ADRA1B | Alpha-1B adrenergic receptor                                                  | ADRA1B                                                                       |
| O14818 | Proteasome subunit alpha type-7 subunit alpha-1                              | PSMA7                                                                        | GABRA1 | Gamma-aminobutyric acid receptor subunit alpha-1                             | GABRA1                                                                       |
| P27918 | Properdin                                                                   | CFP                                                                          |        | DNA topoisomerase II                                                          | #N/A                                                                         |
| Q6N8Z3 | Putative uncharacterized protein DIP2C-AS1                                   | DIP2C-AS1                                                                    |        | Coagulation factor VII                                                        | F7                                                                            |
| Q13046 | Putative pregnancy-specific beta-1-glycoprotein 7                            | PSG7                                                                         |        | Calmodulin                                                                   | #N/A                                                                         |
| Q75832 | 26S proteasome non-ATPase regulatory subunit 10                              | PSMD10                                                                       | RELA   | Transcription factor p65                                                      | RELA                                                                         |
| Q15262 | Receptor-type tyrosine-protein phosphatase kappa                             | PTPRK                                                                        |        | Inhibitor of nuclear factor kappa-B kinase subunit beta                      | IKBKB                                                                        |
| Q59GN2 | Putative 60S ribosomal protein L99-like 5                                     | RPL39P5                                                                      | AKT1   | RAC-alpha serine/threonine-protein kinase                                     | AKT1                                                                         |
| A8MTL3 | RING finger protein 212B                                                     | RNF212B                                                                      | BCL2   | Apoptosis regulator Bcl-2                                                     | BCL2                                                                         |
| Q6NUJ5 | PPPW domain-containing protein 2B                                            | PPPWP2B                                                                      | BAX    | Apoptosis regulator BAX                                                       | BAX                                                                          |
| P01116 | GTPase KRas                                                                 | KRAS                                                                         |        | Tumor necrosis factor                                                        | TNF                                                                          |
| P48304 | Lithostathine-1-beta                                                        | REG1B                                                                         | JUN    | Transcription factor AP-1                                                    | JUN                                                                           |
| Q69383 | Endogenous retrovirus group K member 6 Rec protein                           | ERVK-6                                                                       | AHS1   | Activator of 90 kDa heat shock protein ATPase homolog 1                     | AHS1                                                                         |
| P04090 | Prorelaxin H2                                                               | RLN2                                                                         | CASP3  | Caspase-3                                                                    | CASP3                                                                        |
| Q5U651 | Ras-interacting protein 1                                                   | RASIP1                                                                       | MAPK8  | Mitogen-activated protein kinase 8                                            | MAPK8                                                                        |
| Q15291 | Retinoblastoma-binding protein 5                                             | RBBP5                                                                        | XDH    | Xanthine dehydrogenase/oxidase                                                | XDH                                                                           |
| Q9NYW8 | Rb-associated KRAB zinc finger protein                                       | RBK                                                                          | MMP1   | Interstitial collagen                                                         | MMP1                                                                         |
| P0COE4 | Ras-related protein Rab-40A-like                                            | RAB40AL                                                                      | STAT1  | Signal transducer and activator of transcription 1-alpha/beta               | STAT1                                                                        |
| Q13123 | Protein Red                                                                 | IK                                                                            |        | Cell division control protein 2 homolog                                      | #N/A                                                                         |
| Q726P3 | Ras-related protein Rab-44                                                  | RAB44                                                                        | PPARG  | Peroxisome proliferator-activated receptor gamma                             | PPARG                                                                        |
| Q53QZ3 | Rho GTPase-activating protein 15                                              | ARHGAP15                                                                     | HMOX1  | Heme oxygenase 1                                                             | HMOX1                                                                        |
| Q96IC2 | RNA exonuclease 5                                                           | REXO5                                                                        | CYP3A4 | Cytochrome P450 3A4                                                           | CYP3A4                                                                        |
| O14827 | Ras-specific guanine nucleotide-releasing factor 2                           | RASGRF2                                                                      | CYP1A2 | Cytochrome P450 1A2                                                          | CYP1A2                                                                        |
| Q90H0H | Rac GTPase-activating protein 1                                              | RACCAP1                                                                      | CYP1A1 | Cytochrome P450 1A1                                                          | CYP1A1                                                                        |
| Q5W5W9 | Regulated endocrine-specific protein 18                                      | RESP18                                                                       | ICAM1  | Intercellular adhesion molecule 1                                            | ICAM1                                                                        |
| P10745 | Retinol-binding protein 3                                                   | RBP3                                                                         | SEL     | E-selectin                                                                   | SEL                                                                           |
| P52758 | 2-iminobutanoate/2-iminopropanoate deaminase                                | RIDA                                                                         | VCAM1  | Vascular cell adhesion protein 1                                             | VCAM1                                                                        |
| Q96L33 | Rho-related GTP-binding protein Rhov                                        | RHOV                                                                         |        | Nuclear receptor subfamily 1 member 2                                         | NR1I2                                                                         |
| P18621 | 60S ribosomal protein L17                                                   | RPL17                                                                        | CYP1B1 | Cytochrome P450 1B                                                           | CYP1B1                                                                        |
| Q96EL3 | 39S ribosomal protein L53, mitochondrial                                    | MRPL53                                                                       |        | Arachidonate 5-lipoxygenase                                                 | #N/A                                                                         |
| P62945 | 60S ribosomal protein L41                                                   | RPL41                                                                        | HAS2   | Hyaluronan synthase 2                                                        | HAS2                                                                         |
| O15514 | DNA-directed RNA polymerase II subunit RPB4                                 | POLR2D                                                                       | GSTP1  | Glutathione S-transferase P                                                  | GSTP1                                                                        |
| Q8NG6 | Olfactory receptor 4D10                                                     | OR4D10                                                                       | AHR    | Aryl hydrocarbon receptor                                                    | AHR                                                                           |
| Q8NGP0 | Olfactory receptor 4C13                                                     | OR4C13                                                                       | PSMD3  | 26S proteasome non-ATPase regulatory subunit 3                               | PSMD3                                                                        |
| Q8NGV6 | Olfactory receptor 5H6                                                      | OR5H6                                                                        | SLC2A4 | Solute carrier family 2, facilitated glucose transporter member 4           | SLC2A4                                                                        |
| P48739 | Phosphatidylinositol transfer protein beta isoform                           | PITPNB                                                                       |        | Nuclear receptor subfamily 1 member 3                                        | NR1I3                                                                         |
| O00264 | Membrane-associated progesterone receptor component 1                       | PGRMC1                                                                       | INSR   | Insulin receptor                                                             | INSR                                                                          |
| Q5SV97 | PGC-1 and ERR-induced regulator in muscle protein 1                         | PERM1                                                                        | DIO1   | Type I idiothyronine deiodinase                                              | DIO1                                                                           |
| O15428 | Putative PIN1-like protein                                                  | PIN1P1                                                                       | PPP3CA | Serine/threonine-protein phosphatase 2B catalytic subunit alpha isoform      | PPP3CA                                                                        |
| Q6NUP7 | Serine/threonine-protein phosphatase 4 regulatory subunit 4                 | PPP4R4                                                                       |        | Peroxidase C1A                                                               | #N/A                                                                         |
| Gene ID | Description                                      | Protein ID | Description                                      | Protein ID | Description                                      |
|--------|--------------------------------------------------|------------|--------------------------------------------------|------------|--------------------------------------------------|
| Q6XQN6 | Nicotinate phosphoribosyltransferase              | NAPRT      | Glutathione S-transferase Mu 1                    | GSTM1      | GSTM1                                            |
| Q9H792 | Inactive tyrosine-protein kinase PEAK1           | PEAK1      | Glutathione S-transferase Mu 2                    | GSTM2      | GSTM2                                            |
| Q8N7P1 | Inactive phospholipase D5                        | PLD5       | Aldo-keto reductase family 1 member 3            | AKR1C3     | AKR1C3                                            |
| Q5VZY2 | Phospholipid phosphatase 4                       | PLPP4      | Antileukoproteinase                              | SLPI       | SLPI                                              |
| Q9Y244 | Proteasome maturation protein                    | POMP       | Cell division protein kinase 2                   | #N/A       | #N/A                                              |
| Q9P0L9 | Polycystic kidney disease 2-like 1 protein       | PKD2L1     | Thrombin                                         | #N/A       | #N/A                                              |
| Q0VAA5 | PI-PLC X domain-containing protein 2              | PLCXD2     | Glycogen synthase kinase-3 beta                 | GSK3B      | GSK3B                                             |
| Q86YW0 | 1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase zeta-1 | PLCZ1 | DNA topoisomerase II | #N/A | #N/A |
| Q9NR27 | 1-acetyl-sn-glycero-3-phosphate acyltransferase gamma | AGPAT3 | Prostaglandin G/H synthase 2                   | PTGS2      | PTGS2                                            |
| Q08N5  | Prospero homeobox protein 2                      | PROX2      | Retinoic acid receptor KXR-alpha                 | RXRA       | RXRA                                             |
| Q8N271 | Prominin-2                                       | PROM2      | Heat shock protein HSP 90                        | #N/A       | #N/A                                              |
| P21108 | Ribose-phosphate pyrophosphokinase 3             | PRPS1L1    | Trypsin-1                                       | PRSS1      | PRSS1                                             |
| Q28702 | Proteasome subunit beta type-6                   | PSMB6      | Prostaglandin G/H synthase 1                     | PTGS1      | PTGS1                                            |
| Q98RX5 | DNA replication complex GINS protein PSF3        | GINS3      | Androgen receptor                               | AR          | AR                                                |
| O00232 | 26S proteasome non-ATPase regulatory subunit 12  | PSMD12     | Peroxisome proliferator activated receptor gamma | #N/A       | #N/A                                              |
| Q9Y3L5 | Ras-related protein Rap-2c                       | RAP2C      | Prostaglandin G/H synthase 2                     | PTGS2      | PTGS2                                            |
| Q6UW15 | Regenerating islet-derived protein 3-gamma       | REG3G      | Heat shock protein HSP 90                        | #N/A       | #N/A                                              |
| A0A1B0GV85 | Reelin domain-containing protein 1              | REELD1     | Phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit, gamma isoform | #N/A | #N/A |
| Q9P260 | RAB11-binding protein RELCH                     | RELCH      | Nuclear receptor coactivator 2                   | NCOA2      | NCOA2                                             |
| Q7Z6M1 | Rab9 effector protein with kelch motifs          | RABEPK     | Dipeptidyl peptidase IV                         | #N/A       | #N/A                                              |
| Q14964 | Ras-related protein Rab-39A                     | RAB39A     | Aldose reductase                                | #N/A       | #N/A                                              |
| Q6ZRY4 | RNA-binding protein with multiple splicing 2     | RBPMS2     | Trypsin-1                                       | PRSS1      | PRSS1                                             |
| P20339 | Ras-related protein Rab-5A                      | RAB5A      | DNA topoisomerase II                            | #N/A       | #N/A                                              |
| O14559 | Rho GTPase-activating protein 33                 | ARHGAP33   | Thrombin                                         | AR          | AR                                                |
| A6NI28 | Rho GTPase-activating protein 42                 | ARHGAP42   | Potassium voltage-gated channel subfamily H member 2 | KCNH2      | KCNH2                                             |
| Q96EV2 | RNA-binding protein 33                          | RBM33      | Sodium channel protein type 5 subunit alpha     | SCN5A      | SCN5A                                             |
| O14924 | Regulator of G-protein signaling 12              | RGS12      | Coagulation factor Xa                           | #N/A       | #N/A                                              |
| Q94955 | Rho-related BTB domain-containing protein 3      | ROHOB3     | Beta-2 adrenergic receptor                       | ADRB2      | ADRB2                                             |
| Q92963 | GTP-binding protein Rit1                        | RIT1       | Stromelysin-1                                   | MMP3       | MMP3                                              |
| Q96L21 | 60S ribosomal protein L10-like                   | RPL10L     | mRNA of PKA Catalytic Subunit C-alpha           | #N/A       | #N/A                                              |
| Q96DV4 | 39S ribosomal protein L38, mitochondrial         | MRPL38     | Coagulation factor VII                          | F7         | F7                                                |
| Q7LOR7 | RING finger protein 44                          | RNF44      | Nitric-oxide synthase, endothelial              | #N/A       | #N/A                                              |
| Q969K3 | E3 ubiquitin-protein ligase RNF34               | RNF34      | Retinoic acid receptor KXR-alpha                 | RXRA       | RXRA                                             |
| Q96GF1 | E3 ubiquitin-protein ligase                     | RNF165     | Acetylcholinesterase                            | ACHE       | ACHE                                              |
| Q96T23 | Remodeling and spacing factor 1                 | RSF1       | Gamma-aminobutyric acid receptor subunit alpha-1 | GABRA1     | GABRA1                                            |
| Q9NPB1 | 5' NTM                                          | NT5M       | Amine oxidase [flavin-containing] B             | #N/A       | #N/A                                              |
| Q9NZP2 | Olfactory receptor 6C2                          | OR6C2      | Transcription factor p65                        | RELA       | RELA                                              |
| Q8NG9R | Olfactory receptor 1N2                          | OR1N2      | Epidermal growth factor receptor                | EGRF       | EGRF                                              |
| Q9NGL3 | Olfactory receptor 5D14                         | OR5D14     | RAC-alpha serine/threonine-protein kinase       | AKT1       | AKT1                                              |
| P47883 | Putative olfactory receptor 3A4                 | OR3A4P     | Vascular endothelial growth factor A            | VEGFA      | VEGFA                                             |
| Q9P121 | Neurotrimin                                     | NTM        | G1/S-specific cyclin-D1                        | CCND1      | CCND1                                             |
| Q13492 | Phosphatidylinositol-binding clathrin assembly protein | PICALM | Apoptosis regulator Bcl-2                       | BCL2       | BCL2                                              |
| P78356 | Phosphatidylinositol 5-phosphate 4-kinase type-2 beta | PipK4K2 | Bcl-2-like protein 1                           | BCL2L1     | BCL2L1                                            |
| Gene ID  | Protein Name                                      | Description                                                                 | Function                                                                 | Protein ID  | Function                                                                 |
|---------|---------------------------------------------------|------------------------------------------------------------------------------|--------------------------------------------------------------------------|-------------|--------------------------------------------------------------------------|
| Q8TCD6  | Pyridoxal phosphate phosphatase PHOSPHO2           |                                                                              |                                                                          | PHOSPHO2     | Proto-oncogene c-Fos                                                      |
| Q9BSJ6  | Protein PIMREG                                    |                                                                              | Cyclin-dependent kinase inhibitor 1                                       | CDKN1A       | CDKN1A                                                                   |
| Q5SRE7  | Phytanoyl-CoA dioxygenase domain-containing protein 1 | Eukaryotic translation initiation factor 6                                    |                                                                          | EIF6         | EIF6                                                                     |
| E7U14   | Protein PPPSD1                                   | Apoptosis regulator BAX                                                      |                                                                          | BAX          | BAX                                                                      |
| O60486  | Plexin-C1                                         | Caspase-9                                                                     |                                                                          | CASP9        | CASP9                                                                    |
| P16112  | Aggrecan core protein                            | Mitogen-activated protein kinase 1                                            |                                                                          | MAPK1        | MAPK1                                                                    |
| P30086  | Phosphatidylethanolamine-binding protein 1        | 72 kDa type IV collagenase                                                   |                                                                          | MMP2         | MMP2                                                                     |
| Q8IXQ8  | PDZ domain-containing protein 9                   | Matrix metalloproteinase-9                                                   |                                                                          | MMP9         | MMP9                                                                     |
| Q5SRE7  | Protein PIMREG                                    |                                                                              |                                                                          | CDKN1A       | CDKN1A                                                                   |
| O95744  | Proline-rich protein 19  |                                                                              | Interleukin-10                                                            | IL10         | IL10                                                                     |
| Q86WR7  | Proline and serine-rich protein 2                 | Cyclin-dependent kinase inhibitor 2A, isoforms 1/2/3                        |                                                                          | AHS1         | AHS1                                                                     |
| Q6ZRP0  | Proline-rich protein 23C                          | Activator of 90 kDa heat shock protein ATPase homolog 1                     |                                                                          | CASP3        | CASP3                                                                    |
| O75360  | Homeobox protein prophet of Pit-1                 | Caspase-3                                                                    |                                                                          | #N/A         | #N/A                                                                     |
| B1ATL7  | Proline-rich protein 32C                          | Interleukin-6                                                                |                                                                          | CASP8        | CASP8                                                                    |
| P22234  | Multifunctional protein ADE2                      | Xanthine dehydrogenase/oxidase                                              |                                                                          | TOP1         | TOP1                                                                     |
| Q96E99  | Pentraxin-4                                       | RAF proto-oncogene serine/threonine-protein kinase                          |                                                                          | RAL1         | RAL1                                                                     |
| Q56233  | Proteasome activator complex subunit 1            | Superoxide dismutase [Cu-Zn]                                                |                                                                          | #N/A         | #N/A                                                                     |
| AOA096LP5 | Cytochrome b-c1 complex subunit 6–like, mitochondrial | Protein kinase C alpha type                                                  |                                                                          | PRKCA        | PRKCA                                                                    |
| Q14644  | Ras GTPase-activating protein 3                   | Interstitial collagen                                                       |                                                                          | MMP1         | MMP1                                                                     |
| O14807  | Ras-related protein M-Ras                         | Hypoxia-inducible factor 1-alpha                                            |                                                                          | HIF1A        | HIF1A                                                                    |
| Q15415  | Ras-binding-monoprotein-1, chromosome, family 1 member 6n | Signal transducer and activator of transcription 1-alpha/beta               |                                                                          | STAT1        | STAT1                                                                    |
| P04808  | Prorelin xH1                                      | Protein CBFA2T1                                                              |                                                                          | RUNX1T1      | RUNX1T1                                                                  |
| P61574  | Endogenous retrovirus group K member 113 Rec protein | Probable E3 ubiquitin-protein ligase HRC5                                    |                                                                          | #N/A         | #N/A                                                                     |
| Q96559  | Ran-binding protein 9                             | Cell division control protein 2 homolog                                     |                                                                          | #N/A         | #N/A                                                                     |
| Q9NX57  | Ras-related protein Rab-20                       | 78 kDa glucose-regulated protein                                            |                                                                          | #N/A         | #N/A                                                                     |
| Q9UNA1  | Rho GTPase-activating protein 26                   | Receptor tyrosine-protein kinase erbB-2                                     |                                                                          | ERBB2        | ERBB2                                                                    |
| O75677  | Ret finger protein-like 1                         | Peroxosme proliferator-activated receptor gamma                              |                                                                          | PARG         | PARG                                                                     |
| P49796  | Regulator of G-protein signaling 3                | Acetyl-CoA carboxylase 1                                                    |                                                                          | ACAC1        | ACAC1                                                                    |
| Q9UD9   | RMS-binding protein 3A                            | Heme oxygenase 1                                                            |                                                                          | HOX1         | HOX1                                                                     |
| Q8NH8   | RaIBP1-associated Eps domain-containing protein 2 | Cell division control protein 2 homolog                                     |                                                                          | CYP3A4       | CYP3A4                                                                    |
| Q9BYD3  | 39S ribosomal protein L4, mitochondrial            | Cytochrome P450 3A                                                          |                                                                          | CYP1A2       | CYP1A2                                                                    |
| Q75972  | Ribonuclease H2 subunit A                         | Caveolin-1                                                                   |                                                                          | CAV1         | CAV1                                                                     |
| Q6ZM0   | E3 ubiquitin-protein ligase                       | Myc proto-oncogene protein                                                  |                                                                          | MYC          | MYC                                                                      |
| P07998  | Ribonuclease pancreatic                           | Tissue factor                                                                |                                                                          | F3           | F3                                                                       |
| Accession  | Description                                                                 | Gene Symbol | Description                                                                 | Gene Symbol |
|------------|------------------------------------------------------------------------------|-------------|------------------------------------------------------------------------------|-------------|
| Q86VF7     | Nebulin-related-anchoring protein                                            | NRAP        | Gap junction alpha-1 protein                                                  | GJA1        |
| Q8NGN1     | Olfactory receptor 6T1                                                       | OR6T1       | Cytochrome P450 1A protein                                                   | CYP1A1      |
| Q9GZY6     | Linker for activation of T-cells family member 2                             | LAT2        | Intercellular adhesion molecule 1                                            | ICAM1       |
| Q8NH64     | Olfactory receptor 51A7                                                      | OR51A7      | Interleukin-1 beta                                                           | IL1B        |
| A6NHA9     | Olfactory receptor 4C46                                                      | OR4C46      | C-C motif chemokine 2                                                        | CCL2        |
| Q9H255     | Olfactory receptor 51E2                                                      | OR51E2      | E-selectin                                                                  | SELE        |
| P78380     | Oxidized low-density lipoprotein receptor 1                                  | OL1R        | Vascular cell adhesion protein 1                                             | VCAM1       |
| Q9H341     | Olfactory receptor 51M1                                                      | OR51M1      | Prostaglandin E2 receptor EP3 subtype                                         | PTGER3      |
| Q8IWE2     | Protein NOX5P20                                                               | FAM114A1    | Interleukin-8                                                                | NOX1        |
| Q86UW2     | Organic solute transporter subunit beta                                       | SLC51B      | Protein kinase C beta type                                                   | PRKCB       |
| Q8NGF3     | Olfactory receptor 51D1                                                      | OR51D1      | Baculoviral IAP repeat-containing protein 5                                   | BIRC5       |
| Q8N2K0     | Protein odd-skipped-related 2                                                 | ORS2        | Dual oxidase 2                                                               | DUOX2       |
| P56373     | P2X purinoceptor 3                                                            | P2RX3       | Nitric oxide synthase, endothelial                                            | NOS3        |
| Q8NGI3     | Olfactory receptor 56B1                                                       | OR56B1      | Heat shock protein beta-1                                                    | HSPB1       |
| Q8TCP6     | Olfactory receptor 51E1                                                      | OR51E1      | Transforming growth factor beta-1                                            | #N/A        |
| A6NIJ9     | Olfactory receptor 6C70                                                      | OR6C70      | Estrogen sulfotransferase                                                    | #N/A        |
| P02818     | Osteocalcin                                                                  | BGLAP       | Maltase-glucoamylase, intestinal                                              | MGAM        |
| A6ND48     | Olfactory receptor 4(I)                                                       | OR4I        | Interleukin-2                                                                | IL2         |
| Q8NGF9     | Olfactory receptor 4X2                                                        | OR4X2       | Nuclear receptor subfamily 1 member 2                                         | NR1I2       |
| Q9HBE1     | POZ-, AT hook-, and zinc finger-containing protein 1                          | PATZ1       | Cytochrome P450 1B1                                                          | CYP1B1      |
| Q92535     | Phosphatidylinositol N-acetylglucosaminyltransferase subunit C                | PIGC        | G2/mitotic-specific cyclin-B1                                                | CCNB1       |
| Q8N6C7     | Putative uncharacterized protein encoded by MIR7-3HG                           | MIR7-3HG    | Tissue-type plasminogen activator                                             | PLAT        |
| Q02962     | Paired box protein Pax-2                                                      | PAX2        | Thrombomodulin                                                               | THBD        |
| Q9Y6X2     | E3 SUMO-protein ligase PIAS3                                                  | PIAS3       | Plasminogen activator inhibitor 1                                            | SERPIN1     |
| Q14863     | POU domain, class 6, transcription factor 1                                   | POU6F1      | Collagen alpha-1(l) chain                                                    | #N/A        |
| Q6P3X8     | PiggyBac transposable element-derived protein 2                               | PGBD2       | Interferon gamma                                                            | IFNG        |
| P20618     | Proteasome subunit beta type-1                                                | PSM1B       | Arachidonate 5-lipoxygenase                                                  | #N/A        |
| P06076     | Profilin-3                                                                   | PFN3        | Phosphatidylinositol-3,4,5-trisphosphate 3-phosphatase and dual-specificity protein phosphatase PTEN | #N/A        |
| Q99946     | Proline-rich transmembrane protein 1                                          | PRRT1       | Interleukin-1 alpha                                                          | IL1A        |
| Q16849     | Receptor-type tyrosine-protein phosphatase-like N                             | PTPRN       | Myeloperoxidase                                                             | MPO         |
| P10586     | Receptor-type tyrosine-protein phosphatase F                                  | PTPRF       | DNA topoisomerase 2-alpha                                                    | TOP2A       |
| Q15008     | 26S proteasome non-ATPase regulatory subunit 6                                | PSMD6       | Neutrophil cytosol factor 1                                                  | NCF1        |
| P11217     | Glycogen phosphorylase, muscle form                                           | PYGM        | ATP-binding cassette sub-family G member 2                                   | #N/A        |
| P06737     | Glycogen phosphorylase, liver form                                            | PYGL        | Hyaluronan synthase 2                                                        | HAS2        |
| A1KZ92     | Peroxidase-like protein                                                       | PXDLN       | Glutathione S-transferase P                                                  | GSTP1       |
| P18754     | Regulator of chromosome condensation                                          | RCC1        | Nuclear factor erythroid 2-related factor 2                                  | NFE2L2      |
| Q15293     | Reticulocalbin-1                                                             | RCN1        | NAD(P)+/NADH dehydrogenase [quinone] 1                                       | #N/A        |
| Q15382     | GTP-binding protein Rheb                                                      | RHEB        | Poly [ADP-ribose] polymerase 1                                               | #N/A        |
| Q14966     | Ras-related protein Rab-7L                                                   | RAB29       | Aryl hydrocarbon receptor                                                    | AHR         |
| Q15771     | Ras-related protein Rab-3                                                    | RAB30       | 26S proteasome non-ATPase regulatory subunit 3                               | PSMD3       |
| Q17R89     | Rho GTPase-activating protein 44                                              | ARHGAP44    | Solute carrier family 2, facilitated glucose transporter member 4            | SLC2A4      |
| P51149     | Ras-related protein Rab-7A                                                   | RAB7A       | Collagen alpha-1(Ill) chain                                                  | #N/A        |
| Q5725      | Ras-related protein Rab-4                                                     | RAB4A       | DNA gyrase subunit B                                                         | #N/A        |
| P0DD1      | RANBP2-like and GRIP domain-containing protein 2                              | RANBP2      | C-X-C motif chemokine 1                                                      | CXCL2       |
| Q6W9I      | Ret finger protein-like 4B                                                    | RFL4B       | C-X-C motif chemokine 1                                                      | CXCL2       |
| Accession | Description |
|-----------|-------------|
| Q5UIP0    | Telomere-associated protein RIF1 |
| P26373    | 60S ribosomal protein L13 |
| P61353    | 60S ribosomal protein L27 |
| Q9Y535    | DNA-directed RNA polymerase III subunit RPC8 |
| Q9UHV5    | Rap guanine nucleotide exchange factor-1 |
| A6NCQ9    | RING finger protein 222 |
| P32242    | Homeobox protein OTX1 |
| Q15620    | Olfactory receptor 888 |
| O00628    | Peroxosomal targeting signal 2 receptor |
| Q6UX88    | Peptidase inhibitor 16 |
| Q96RG2    | PAS domain-containing serine/threonine-protein kinase |
| Q9NQ66    | 1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase beta-1 |
| Q99633    | Pre-mRNA-splicing factor 18 |
| Q92786    | Prospero homeobox protein 1 |
| Q86XR5    | Proline-rich membrane anchor 1 |
| Q96QR8    | Transcriptional activator protein Pur-beta |
| P06401    | Progesterone receptor |
| Q15067    | Phosphoryosomylglycinaminidase synthase |
| Q14914    | Prostaglandin reductase 1 |
| Q9UMZ3    | Phosphatidylinositol phosphatase PTPQ |
| P35236    | Tyrosine-protein phosphatase non-receptor type 7 |
| P01270    | Parathyroid hormone |
| Q6GU1     | Pre T-cell antigen receptor alpha |
| Q3MIT2    | tRNA pseudouridine synthase Pus10 |
| Q2TAK8    | PWWP domain-containing DNA repair factor 3A |
| Q7Z4M0    | Hemojuvelin |
| Q7Z5H3    | Rho GTPase-activating protein 22 |
| Q9BWE0    | Replication initiator 1 |
| P60763    | Ras-related C3 botulinum toxin substrate 3 |
| Q9NRW1    | Ras-related protein Rab-6B |
| Q9GZR2    | RNA exonuclease 4 |
| Q62VN8    | Hemogujelin |
| Q725H3    | Rho GTPase-activating protein 22 |
| P41220    | Regulator of G-protein signaling 2 |
| P48378    | DNA-binding protein RFX2 |
| A6NFN3    | RNA binding protein fox-1 homolog 3 |
| 000212    | Rho-related GTP-binding protein Rhod |
| Q6BDI9    | Rab15 effector protein |
| P61586    | Transforming protein RhoA |
| Q6NUM9    | All-trans-retinol 13,14-reductase |
| Q98W01    | Replication inhibitor 1 |
| P61254    | 60S ribosomal protein L26 |
| Q98YC8    | 39S ribosomal protein L32, mitochondrial |
| Q98YD6    | 39S ribosomal protein L1, mitochondrial |
| Q15070    | Mitochondrial inner membrane protein OX1A1L |
| Accession | Description |
|-----------|-------------|
| Q96R48   | Olfactory receptor 2A5 (OR2A5) |
| Q8NGG7   | Olfactory receptor 8A1 (OR8A1) |
| Q76000   | Putative olfactory receptor 2B3 (OR2B3) |
| Q00168   | Phospholemman (FXYD1) |
| Q13670   | Putative postmeiotic segregation increased 2-like protein 11 (PMS2P11) |
| Q96Q06   | Perilipin-4 (PLIN4) |
| P53041   | Serine/threonine-protein phosphatase 5 (PPP5C) |
| O75817   | Ribonuclease P protein subunit p20 (POP7) |
| O43660   | Pleiotropic regulator 1 (PLRG1) |
| Q8NEB9   | Phosphatidylinositol 3-kinase catalytic subunit type 3 (PIK3C3) |
| P53041   | Serine/threonine-protein phosphatase 2B catalytic subunit beta isoform (PPP3CB) |
| Q15435   | Protein phosphatase 1 regulatory subunit 7 (PPP1R7) |
| Q99943   | 1-acetyl-sn-glycerol-3-phosphate acyltransferase alpha (AGPAT1) |
| Q9NW1    | p21-activated protein kinase-interacting protein 1 (PAK1IP1) |
| Q81277   | Proline-releasing protein (PLR2) |
| Q725A4   | Putative serine protease 42 (PRSS42P) |
| Q8IV56   | Proline-rich protein 15 (PRR15) |
| Q9NR1    | Putative pancreatic polypeptide 2 (PPY2P) |
| Q8M2F0   | Proline-rich protein 33 (PRR33) |
| Q96935   | Proteasome subunit beta type-7 (PSMB7) |
| Q98X0    | Periakin (PRX) |
| Q9NQV8   | PR domain zinc finger protein 8 (PRDM8) |
| Q9V12    | Protein preY, mitochondrial (PYURF) |
| Q13635   | Protein patched homolog 1 (PTCH1) |
| Q13882   | Protein-tyrosine kinase 6 (PTK6) |
| Q9Y272   | Dexamethasone-induced Ras-related protein 1 (RASD1) |
| Q92698   | DNA repair and recombination protein RAD54-like (RAD54L) |
| Q8IZ40   | REST corepressor 2 (RCOR2) |
| Q9NW64   | Pre-mRNA-splicing factor RBM22 (RBM22) |
| Q13972   | Ras-specific guanine nucleotide-releasing factor 1 (RASGRF1) |
| Q9NS28   | Regulator of G-protein signaling 18 (RGS18) |
| Q9BWJ2   | Putative uncharacterized protein encoded by RHPN1-AS1 (RHPN1-AS1) |
| Q9BW13   | E3 ubiquitin-protein ligase rifiylin (RFL) |
| Q9UBJ6   | Ammonium transporter Rh type C (RHCG) |
| Q43566   | Regulator of G-protein signaling 14 (RGS14) |
| Q99SD3   | RAD9, HUS1, RAD1-interacting nuclear orphan protein 1 (RNO1) |
| Q5T67    | Protein ripply2 (RIPPLY2) |
| A6NNM3   | RIMS-binding protein 3B (RIMBP3B) |
| Q81EB7   | E3 ubiquitin-protein ligase (RNF128) |
| P36954   | DNA-directed RNA polymerase II subunit RB8 (POLR2I) |
| Q9NW08   | DNA-directed RNA polymerase III subunit RPC2 (POLR3B) |
| O15446   | DNA-directed RNA polymerase I subunit RPA34 (POLR1G) |
| O15318   | DNA-directed RNA polymerase III subunit RPC7 (POLR3G) |
| Q5GAN4   | Probable inactive ribonuclease-like protein 12 (RNase12) |
| Q6ZRF     | RING finger protein 207 (RNF207) |
| Q9Y3C5   | RING finger protein 11 (RNF11) |
| Q07001   | Acetylcholine receptor subunit delta (CHRND) |
| Accession   | Description                                                                 | Entrez ID |
|-------------|------------------------------------------------------------------------------|-----------|
| Q9Y615      | Actin-like protein 7A                                                        | ACTL7A    |
| P41595      | 5-hydroxytryptamine receptor 2B                                              | HTR2B     |
| P15172      | Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit alpha isoform | PPP2R5A   |
| P28566      | 5-hydroxytryptamine receptor 1E                                              | HTR1E     |
| Q8N9L9      | Peroxisomal succinyl-coenzyme A thioesterase                               | ACOT4     |
| Q41238      | C->U-editing enzyme APOBEC-1                                                | APOBEC1   |
| O95870      | Phosphatidylserine lipase ABHD16A                                           | ABHD16A   |
| Q9H7C9      | Mth938 domain-containing protein                                            | AAMDC     |
| Q9UBJ2      | ATP-binding cassette sub-family D member 2                                    | ABCD2     |
| Q15758      | Neutral amino acid transporter B                                             | SLC1A5    |
| A9YTQ3      | Aryl hydrocarbon receptor repressor                                          | AHRR      |
| Q5JTC6      | APC membrane recruitment protein 1                                          | AMER1     |
| Q9UKV5      | E3 ubiquitin-protein ligase AMFR                                             | AMFR      |
| P30838      | Aldehyde dehydrogenase, dimeric NADP-preferring                             | ALDH3A1   |
| P51857      | Aldo-keto reductase family 1 member D1                                        | AKR1D1    |
| P27338      | Amine oxidase                                                                | MAOB      |
| P42568      | Protein AF-9                                                                 | MLLT3     |
| O60488      | Long-chain-fatty-acid--CoA ligase 4                                          | ACSL4     |
| Q9BZ11      | Disintegrin and metalloproteinase domain-containing protein 33               | ADAM33    |
| Q8N7Z5      | Ankyrin repeat domain-containing protein 31                                  | ANKRD31   |
| Q9Y672      | Dolichyl pyrophosphate Man9GlcNAc2 alpha-1,3-glucosyltransferase             | ALG6      |
| P62330      | ADP-ribosylation factor 6                                                    | ARF6      |
| Q13794      | Phorbol-12-myristate-13-acetate-induced protein 1                             | PMAIP1    |
| Q9Y576      | Ankyrin repeat and SOCS box protein 1                                        | ASB1      |
| O95260      | Arginyl-tRNA--protein transferase 1                                          | ATE1      |
| Q8WWH4      | Ankyrin repeat, SAM and basic leucine zipper domain-containing protein 1     | ASZ1      |
| P15848      | Arylsulfatase B                                                               | ARSB      |
| Q14983      | Sarcoplasmic/endoplasmic reticulum calcium ATPase 1                          | ATP2A1    |
| Q674R7      | Autophagy--related protein 9B                                                | ATG9B     |
| Q13489      | Baculoviral IAP repeat-containing protein 3                                   | BIRC3     |
| Q8TDH9      | Biogenesis of lysosome-related organelles complex 1 subunit 5                | BLOC1S5   |
| Q98XK5      | Bcl-2-like protein 13                                                         | BCL2L13   |
| P46736      | Lys-63-specific deubiquitinase BRCC36                                        | BRCC3     |
| Q6UXG8      | Butyrophilin-like protein 9                                                  | BTN1L9    |
| P59827      | BP1 fold-containing family B member 4                                         | BPIFB4    |
| Q9NPI1      | Bromodomain-containing protein 7                                              | BRD7      |
| P51451      | Tyrosine--protein kinase Bk                                                  | BLK       |
| Q15059      | Bromodomain-containing protein 3                                              | BRD3      |
| Q6UXY1      | Brain-specific angiogenesis inhibitor 1--associated protein 2-like protein 2 | BAIAP2L2   |
| Protein ID | Description |
|------------|-------------|
| Q6ZNE5     | Beclin 1-associated autophagy-related key regulator |
| Q9HB1U     | Homeobox protein BarH-like 1 |
| Q9UIG0     | Tyrosine-protein kinase BAZ1B |
| Q9HD36     | Bcl-2-like protein 10 |
| Q9Y2D0     | Carbonic anhydrase 5B, mitochondrial |
| Q6ZV80     | Uncharacterized protein C2orf91 |
| Q95810     | Caveolae-associated protein 2 |
| Q9H7X2     | Uncharacterized protein C1orf115 |
| P40123     | Adenylyl cyclase-associated protein 2 |
| P02745     | Complement C1q subcomponent subunit A |
| Q6P1W      | Uncharacterized protein C1orf94 |
| Q8N6N3     | UPP0690 protein C1orf52 |
| Q43570     | Carbonic anhydrase 12 |
| Q4G0X9     | Coiled-coil domain-containing protein 40 |
| Q86Z23     | Complement C1q-like protein 4 |
| Q6DHV5     | Protein CC2D2B |
| Q8N6G1     | Putative uncharacterized protein encoded by LINC00337 |
| Q8N6D1     | Uncharacterized protein C3orf20 |
| Q494R4     | Coiled-coil domain-containing protein 153 |
| P22675     | Calretinin |
| Q8WX55     | Voltage-dependent calcium channel gamma-8 subunit |
| A0A1B0GV4 | Coiled-coil domain-containing protein 194 |
| Q66K79     | Carboxypeptidase Z |
| Q4G0S7     | Coiled-coil domain-containing protein 152 |
| A6NKD9     | Coiled-coil domain-containing protein 85C |
| P27701     | CD82 antigen |
| Q5U5Z8     | Cytosolic carboxypeptidase 2 |
| Q6ZTR5     | Cilia- and flagella-associated protein 47 |
| Q98XF3     | Cat eye syndrome critical region protein 2 |
| Q9P2X8     | Putative uncharacterized protein encoded by LINC00474 |
| Q8NR65     | Uncharacterized protein C7orf31 |
| Q6UX84     | C-type lectin domain family 4 member G |
| Q13057     | Bifunctional coenzyme A synthase |
| Q8IT12     | Cap-specific mRNA |
| Q96NU0     | Contactin-associated protein-like 3B |
| Q0Z388     | Collagen alpha-1 |
| Q6IPW1     | Uncharacterized protein C1orf71 |
| Q5SWW7     | Uncharacterized protein C1orf55 |
| Q61DQ1     | CRMF35-like molecule 1 |
| Q8TCG5     | Carnitine O-palmitoyltransferase 1, brain isoform |
| Q96L46     | Calpain small subunit 2 |
| P41240     | Tyrosine-protein kinase CSK |
| P16220     | Cyclic AMP-responsive element-binding protein 1 |
| Q96A83     | Collagen alpha-1 |
| Q9NRD9     | Dual oxidase 1 |
| Q14181     | DNA polymerase alpha subunit B |
| Q9H6B9     | Epoxide hydrolase 3 |
| Q14576     | ELAV-like protein 3 |
| O60739     | Eukaryotic translation initiation factor 1b |
| P11474     | Steroid hormone receptor ERR1 |
| Accession | Description |
|-----------|-------------|
| P41162    | ETS translocation variant 3 (ETV3) |
| Q5RGS3    | Protein FAM74A1 (FAM74A1) |
| Q13158    | FAS-associated death domain protein (FADD) |
| Q9ITY1    | Protein FAM71A (FAM71A) |
| P23141    | Liver carboxylesterase 1 (CES1) |
| A0A1B0GV5 | Embryonic testis differentiation protein homolog C (ETDC) |
| Q9BZJ8    | G-protein coupled receptor 61 (GPR61) |
| P00451    | Coagulation factor VIII (F8) |
| P01588    | Erythropoietin (EPO) |
| P81408    | Protein FAM189B (FAM189B) |
| Q96M24    | Protein FAM218A (FAM218A) |
| P00488    | Coagulation factor XIII A chain (F13A1) |
| Q9H0X4    | Protein FAM234A (FAM234A) |
| Q96MY7    | Protein FAM161B (FAM161B) |
| Q15910    | Histone-lysine N-methyltransferase EZH2 (EZH2) |
| Q92637    | High affinity immunoglobulin gamma Fc receptor IB (FCGR1B) |
| Q8NEA4    | F-box only protein 36 (FBXO36) |
| Q8N539    | Fibrinogen C domain–containing protein 1 (FIBCD1) |
| P11362    | Fibroblast growth factor receptor 1 (FGFR1) |
| Q9UKA2    | F-box/LRR-repeat protein 4 (FBXL4) |
| Q6UN15    | Pre-mRNA 3’-end-processing factor FIP1 (FIP1L1) |
| Q99689    | Fasciulation and elongation protein zeta-1 (FEZ1) |
| Q96M96    | FYVE, RhoGEF and PH domain-containing protein 4 (FGD4) |
| Q8N461    | F-box/LRR-repeat protein 16 (FBXL16) |
| P63130    | Endogenous retrovirus group K member 7 Gag polyprotein (ERVK-7) |
| PODTW1    | G antigen 1 (GAGE1) |
| PODSO3    | G antigen 4 (GAGE4) |
| Q62U03    | FOXL2 neighbor protein (FOXL2NB) |
| Q12951    | Forkhead box protein 11 (FOX11) |
| O95749    | Geranylgeranyl pyrophosphate synthase (GGPS1) |
| P13284    | Gamma-interferon-inducible lysosomal thiol reductase (IFI30) |
| Q14390    | Glutathione hydrolase light chain 2 (GGLT2) |
| A6NER3    | G antigen 12J (GAGE12J) |
| Q6ZN02    | Beta-1,3-galactosyl-O-glycosylglycoprotein beta-1,6-N-acetylgalcosaminyltransferase 7 (GCNT7) |
| A0A1W2PP7 | Putative guanine nucleotide-binding protein 6 (GNG14) |
| O14764    | Gamma-aminobutyric acid receptor subunit delta (GABRD) |
| Q8IX06    | Putative exonuclease GOR (REXX1P) |
| Q3T8J9    | GON-4-like protein (GON4L) |
| P0CG33    | Golgin subfamily A member 6D (GOLGA6D) |
| Q13322    | Growth factor receptor-bound protein 10 (GRB10) |
| Q5VY09    | Immediate early response gene 5 protein (IER5) |
| Q95872    | G patch domain and ankyrin repeat-containing protein 1 (GPANK1) |
| P07359    | Platelet glycoprotein Ib alpha chain (GP1BA) |
| P35052    | Glypican-1 (GPC1) |
| P46695    | Radiation-inducible immediate-early gene IEX-1 (IER3) |
| P31249    | Homeobox protein Hox-D3 (HOXD3) |
| P09016    | Homeobox protein Hox-D4 (HOXD4) |
| P13379    | Homeobox protein Hox-D8 (HOXD8) |
| Accession  | Description                                                   | Accession   |
|------------|---------------------------------------------------------------|-------------|
| Q86YW7     | Glycoprotein hormone beta-5                                   | GPHB5       |
| Q9Y4H4     | G-protein-signaling modulator 3                               | GPSM3       |
| Q5T6X5     | G-protein coupled receptor family C group 6 member A          | GPRC6A      |
| B7ZAQ6     | Golgi pH regulator A                                          | GPR89A      |
| Q8N954     | G patch domain-containing protein 11                         | PATCH11     |
| P0CG08     | Golgi pH regulator B                                          | GPR89B      |
| Q2TAA2     | Isoamyl acetate-hydrolyzing esterase 1 homolog               | IAH1        |
| P35557     | Hexokinase-4                                                 | GCK         |
| P48735     | Isocitrate dehydrogenase                                       | IDH2        |
| Q15053     | Uncharacterized protein KIAA0040                              | KIAA0040    |
| Q2M1V0     | Intestine-specific homeobox                                   | ISX         |
| Q14695     | Uncharacterized protein KIAA0087                              | KIAA0087    |
| Q5T013     | Putative hydroxypyruvate isomerase                            | HYI         |
| A2RU49     | Hydroxyllysine kinase                                         | HYKK        |
| P10997     | Islet amyloid polypeptide                                     | IAPP        |
| Q96M11     | Hydrolethalus syndrome protein 1                              | HYLS1       |
| Q9Y4L1     | Hypoxia up-regulated protein 1                                | HYOU1       |
| Q9BY13     | Hycin                                                         | FAM126A     |
| Q14667     | Protein KIAA0100                                              | KIAA0100    |
| Q6NUN7     | Jhy protein homolog                                           | JHY         |
| Q92628     | Uncharacterized protein KIAA0232                              | KIAA0232    |
| Q12794     | Hyaluronidase-1                                               | HYAL1       |
| Q12891     | Hyaluronidase-2                                               | HYAL2       |
| Q43820     | Hyaluronidase-3                                               | HYAL3       |
| Q2M379     | Hyaluronidase-4                                               | HYAL4       |
| P38567     | Hyaluronidase PH-20                                           | SPAM1       |
| Q92839     | Hyaluronan synthase 1                                         | HAS1        |
| Q92819     | Hyaluronan synthase 2                                         | HAS2        |
| Q00219     | Hyaluronan synthase 3                                         | HAS3        |
| Q86SR1     | Polypeptide N-acetylgalactosaminyltransferase 10              | GALNT10     |
| Q5T310     | G patch domain-containing protein 4                           | PATCH4      |
| Q9Y4A0     | Jerky protein homolog-like                                    | JRKL        |
| P53990     | IST1 homolog                                                 | IST1        |
| Q75564     | Jerky protein homolog-like                                    | JRK         |
| P18283     | Glutathione peroxidase 2                                       | GPX2        |
| Q92917     | G patch domain and KOW motifs-containing protein              | GPKOW       |
| Q96SL4     | Glutathione peroxidase 7                                       | GPX7        |
| P52948     | Nuclear pore complex protein Nup98-Nup96                      | NUP98       |
| Q5XXR4     | Homeobox protein orthopedia                                   | OTP         |
| O00459     | Phosphatidylinositol 3-kinase regulatory subunit beta          | PIK3R2      |
| Q9Y6F1     | Protein mono-ADP-ribosyltransferase PARP3                      | PARP3       |
| O14683     | Tumor protein p53-inducible protein 11                         | TP53I11     |
| P43115     | Prostaglandin E2 receptor EP3 subtype                          | PTGER3      |
| Q9Y3B1     | PRELI domain containing protein 3B                            | PRELID3B    |
| Q9NY27     | Serine/threonine-protein phosphatase 4 regulatory subunit 2   | PPP4R2      |
| Q7RTY9     | Serine protease 41                                            | PRSS41      |
| P28074     | Proteasome subunit beta type-5                                 | PSMB5       |
| P0DPQ3     | Proline-rich protein 20G                                       | PRR20G      |
| Q96LQ0     | Protein phosphatase 1 regulatory subunit 36                   | PPP1R36     |
| O75626     | PR domain zinc finger protein 1                               | PRDM1       |
| P32119     | Peroxiredoxin-2                                               | PRDX2       |
| Q6UWB4     | Serine protease 55                                            | PRSS55      |
| O95758     | Polygyrrmidine tract-binding protein 3                        | PTBP3       |
| Accession | Gene Name                                      | Protein Name                                                                 |
|-----------|-----------------------------------------------|------------------------------------------------------------------------------|
| Q16401    | 26S proteasome non-ATPase regulatory subunit 5 | PSMD5                                                                        |
| Q13200    | 26S proteasome non-ATPase regulatory subunit 2 | PSMD2                                                                        |
| P30566    | Adenylosuccinate lyase                        | ADSL                                                                        |
| P27708    | CAD protein                                   | CAD                                                                          |
| Q812V5    | Retinol dehydrogenase 10                     | RDH10                                                                        |
| Q13702    | 43 kDa receptor-associated protein of the synapse | RAPSN                                                                      |
| Q9Y5P3    | Retinoic acid-induced protein 2               | RAI2                                                                         |
| O15539    | Regulator of G-protein signaling 5            | RGSS5                                                                        |
| Q8WWV3    | E3 ubiquitin-protein ligase                   | RNF13B                                                                       |
| Q99P0M9   | 39S ribosomal protein L27, mitochondrial       | MRPL27                                                                       |
| Q6PS57    | Ribonuclease kappa                            | RNASEK                                                                       |
| Q99729    | Heterogeneous nuclear ribonucleoprotein A/B   | HRNRPAB                                                                      |
| Q96EX2    | RING finger and transmembrane domain-containing protein 2 | RNFT2                                                                      |
| Q9HAU8    | Aminopeptidase RNPEPL1                       | RNPEPL1                                                                      |
| Q8NF47    | RING finger protein 175                      | RNF175                                                                       |
| P62280    | 40S ribosomal protein S11                     | RPS11                                                                        |
| Q16533    | snRNA-activating protein complex subunit 1    | SNACP1                                                                       |
| Q9BQ83    | Structure-specific endonuclease subunit SLX1 | SLX1A                                                                        |
| Q5YYV7    | Protein SLX4IP                                | SLX4IP                                                                       |
| P49903    | Selenide, water dikinase 1                    | SEPH51                                                                       |
| Q15036    | Sorting nexin-17                             | SNX17                                                                        |
| Q9N196    | Homeobox protein SIX5                        | SIX5                                                                         |
| Q15389    | Sialic acid-binding Ig-like lectin 5          | SIGLEC5                                                                      |
| Q81EQ0    | Sorting nexin-29                             | SNX29                                                                        |
| K7EJ46    | Small integral membrane protein 22           | SMIM22                                                                       |
| P21549    | Serine--pyruvate aminotransferase             | AGXT                                                                         |
| Q96EA4    | Protein Spindly                              | SPDL1                                                                        |
| Q9HB58    | Sp110 nuclear body protein                    | SP110                                                                        |
| P57073    | Transcription factor SOX-8                   | SOX8                                                                         |
| Q9Y4P9    | Sperm flagellar protein 1                    | SPEF1                                                                        |
| P84022    | Mothers against decapentaplegic homolog 3     | SMAD3                                                                        |
| O43255    | E3 ubiquitin-protein ligase SIAH2             | SIAH2                                                                        |
| H3BQ86    | Stathmin domain-containing protein 1          | STMND1                                                                       |
| Q9NZ72    | Stathmin-3                                   | STMN3                                                                        |
| Q9NP77    | RNA polymerase Ii subunit A C-terminal domain phosphatase SSU72 | SSU72                                                                      |
| Q9P246    | Stromal interaction molecule 2                | STIM2                                                                        |
| P02808    | Statherin                                     | STATH                                                                        |
| Q9H511    | Histone-lysine N-methyltransferase SUV39H2    | SUV39H2                                                                      |
| Q9UGU0    | Transcription factor 20                      | TCF20                                                                        |
| Q929526   | T-complex protein 1 subunit zeta-2            | CCT6B                                                                        |
| P0D614    | T cell receptor beta diversity 1              | TRBD1                                                                        |
| Q43581    | Synaptotagmin-7                              | SYT7                                                                         |
| Q98OQ61   | Synaptotagmin-3                              | SYT3                                                                         |
| Q9Y5J6    | Mitochondrial import inner membrane translocase subunit Tim10 B | TIMM10B                                                                    |
| Q15399    | Toll-like receptor 1                         | TLR1                                                                         |
| Q03403    | Trefoil factor 2                              | TFF2                                                                         |
| P19484    | Transcription factor EB                      | TFE8                                                                         |
| Q99973    | Telomerase protein component 1               | TEP1                                                                         |
| Q92748    | Thyroid hormone-inducible hepatic protein     | THRSP                                                                        |
| Q9NJUH8   | Transmembrane protein 14B                    | TMEM14B                                                                       |
| Accession | Description                                                                 |
|-----------|-----------------------------------------------------------------------------|
| Q13009    | T-lymphoma invasion and metastasis-inducing protein 1                       |
| P10600    | Transforming growth factor beta-3 proprotein                               |
| A2RRL7    | Transmembrane protein 213                                                  |
| Q8WUU8    | Transmembrane protein 1/4                                                  |
| Q75762    | Transient receptor potential cation channel subfamily A member 1           |
| P00439    | Phenylalanine-4-hydroxylase                                                 |
| Q9H307    | Pinin                                                                       |
| Q86TG7    | Retrotransposon-derived protein PEG10                                       |
| Q494U1    | Pleckstrin homology domain-containing family N member 1                     |
| Q43930    | Putative serine/threonine-protein kinase PRKY                              |
| Q7RTY5    | Serine protease 48                                                          |
| Q60508    | Pre-mRNA-processing factor 17                                               |
| P49642    | DNA primase small subunit                                                   |
| Q58EX7    | Puratrophin-1                                                               |
| P58294    | Prokineticin-1                                                              |
| P28070    | Proteasome subunit beta type-4                                              |
| Q8I263    | Proline-rich protein 22                                                     |
| Q86WC6    | Protein phosphatase 1 regulatory subunit 27                                 |
| Q43663    | Protein regulator of cytokinesis 1                                           |
| H0Y7S4    | Putative PRAME family member                                                |
| P0D1F9    | PTTG1IP family member 2                                                     |
| P0C881    | Radial spoke head 10 homolog B                                              |
| Q96R05    | Retinoid-binding protein 7                                                  |
| P78317    | E3 ubiquitin-protein ligase RNF4                                             |
| Q9H9Y6    | DNA-directed RNA polymerase 1 subunit RPA2                                  |
| Q92565    | Rap guanine nucleotide exchange factor 5                                    |
| Q8N8N0    | E3 ubiquitin-protein ligase                                                 |
| Q8NC42    | E3 ubiquitin-protein ligase                                                 |
| Q9H6Y7    | E3 ubiquitin-protein ligase                                                 |
| Q9H0F5    | E3 ubiquitin-protein ligase RNF38                                            |
| Q96E6U    | Ribosomal RNA processing protein 36 homolog                                |
| Q96T96    | E3 ubiquitin-protein ligase                                                 |
| Q9H0A5    | RING finger protein 32                                                      |
| Q9NYV6    | RNA polymerase I-specific transcription initiation factor RRN3              |
| Q7L523    | Ras-related GTP-binding protein A                                           |
| P62273    | 40S ribosomal protein S29                                                   |
| A4D0T7    | Small integral membrane protein 30                                          |
| Q13485    | Mothers against decapentaplegic homolog 4                                   |
| P35326    | Small proline-rich protein 2A                                               |
| Q9GZ3    | SRA stem-loop-interacting RNA-binding protein, mitochondrial               |
| Q5M0J7    | Sperm protein associated with the nucleus on the X chromosome N5            |
| P0DL12    | Small integral membrane protein 17                                          |
| O94956    | Solute carrier organic anion transporter family member 2B1                 |
| Q5M0J8    | Speedy protein C                                                            |
| P48431    | Transcription factor SOX-2                                                  |
| Q495Y7    | Putative speedy protein E7                                                  |
| Q96GM5    | SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily D member 1|
| Q9C004    | Protein sprouty homolog 4                                                   |
| Accession | Protein Name / Description |
|-----------|---------------------------|
| Q15475    | Homeobox protein SIX1      |
| Q68D06    | Schlafen family member 13 |
| Q01892    | Transcription factor Spi-B |
| Q969X2    | Alpha-N-acetylgalactosaminide alpha-2,6-sialyltransferase 6 |
| Q62MC9    | Sialic acid-binding Ig-like lectin |
| Q11201    | CMP-N-acetyleneuraminate-beta-galactosamide-alpha-2,3-sialyltransferase 1 |
| Q8TA4V    | Stomatin-like protein 3    |
| Q9H6O3    | Src-like-adapter 2         |
| P58511    | Small integral membrane protein 11A |
| Q9U6W8    | STE20/PSIP1-related proline-alanine-rich protein kinase |
| Q98WW4    | Single-stranded DNA-binding protein 3 |
| Q9P2R7    | Succinate---CoA ligase     |
| Q96A44    | SPRY domain-containing SOCS box protein 4 |
| Q8IWZ8    | SURP and G-patch domain-containing protein 1 |
| Q14BN4    | Sarcosommal membrane-associated protein |
| Q5VT97    | Rho GTPase-activating protein SYDE2 |
| Q96M53    | Protein TBATA              |
| Q96R0     | Trace amine-associated receptor 1 |
| P17542    | T-cell acute lymphocytic leukemia protein 1 |
| Q76070    | Gamma-synuclein            |
| Q15273    | Telethonin                 |
| Q4W5G0    | Tigger transposable element-derived protein 2 |
| P35269    | General transcription factor II subunit 1 |
| Q8IY51    | Tigger transposable element-derived protein 4 |
| Q9UL52    | Transmembrane protease serine 11E |
| Q98T49    | THAP domain-containing protein 7 |
| Q752D4    | Transmembrane protein 127  |
| Q8N6G2    | Testis-expressed protein 26 |
| P13385    | Teratocarcinoma-derived growth factor 1 |
| Q9NYB0    | Telomeric repeat-binding factor 2-interacting protein 1 |
| Q6UWW9    | Transmembrane protein 207  |
| Q96HV5    | Transmembrane protein 41A  |
| Q8WY98    | Transmembrane protein 234  |
| Q8NB83    | Transmembrane protein 87A  |
| Q9H147    | Deoxynucleotidytransferase terminal-interacting protein 1 |
| A6NK02    | Putative tripartite motif-containing protein 75 |
| Q9085A    | E3 ubiquitin-protein ligase |
| Q9C019    | Tripartite motif-containing protein 15 |
| O00300    | Tumor necrosis factor receptor superfamily member 11B |
| O94826    | Mitochondrial import receptor subunit TOM70 |
| Q96A61    | E3 ubiquitin-protein ligase |
| Q7Z403    | Transmembrane channel-like protein 6 |
| Q9Y5R8    | Trafficking protein particle complex subunit 1 |
| Q9Y5R8    | Trafficking protein particle complex subunit 1 |
| Accession | Description | Accession |
|-----------|-------------|-----------|
| Q9Y5U5    | Tumor necrosis factor receptor superfamily member 18 | TNFRSF18 |
| Q96NL1    | Transmembrane protein 74 | TMEM74 |
| Q8TBN0    | Guanine nucleotide exchange factor for Rab-3A | RAB3IL1 |
| Q96P65    | Pyroglutamylated RF-amide peptide receptor | QRFPR |
| Q7Z7A4    | PX domain-containing protein kinase-like protein | PXK |
| P78406    | mRNA export factor | RAE1 |
| Q9BQ04    | RNA-binding protein 4B | RBM4B |
| P61224    | Ras-related protein Rap-1b | RAP1B |
| P51159    | Ras-related protein Rab-27A | RAB27A |
| P51157    | Ras-related protein Rab-28 | RAB28 |
| P15153    | Ras-related C3 botulinum toxin substrate 2 | RAC2 |
| Q92928    | Putative Ras-related protein Rab-1C | RAB1C |
| Q13017    | Rho GTPase-activating protein 5 | ARHGAP5 |
| P57729    | Ras-related protein Rab-38 | RAB38 |
| Q9P227    | Rho GTPase-activating protein 23 | ARHGAP23 |
| Q92930    | Ras-related protein Rab-8B | RAB8B |
| Q5TG30    | Rho GTPase-activating protein 40 | ARHGAP40 |
| Q86YS6    | Ras-related protein Rab-43 | RAB43 |
| Q86UA6    | RPA-interacting protein | RPAIN |
| Q9HD89    | Resistin | RETN |
| Q99578    | GTP-binding protein Rit2 | RIT2 |
| Q9UL12    | Beta-citrylglutamate synthase B | RIMKLB |
| Q75394    | 39S ribosomal protein L33, mitochondrial | MRPL33 |
| P05386    | 60S acidic ribosomal protein P1 homolog | RPLP1 |
| Q9H4B2    | Ribosome production factor 2 | RPF2 |
| Q8IXW5    | Putative RNA polymerase II subunit B1 CTD phosphatase | RPAP2 |
| Q9H1E1    | Ribonuclease 7 | RNASE7 |
| Q96EP0    | E3 ubiquitin-protein ligase RNF31 | RNF31 |
| A6NIE6    | Putative RRN3-like protein | RRN3P2 |
| Q5GAN3    | Probable inactive ribonuclease-like protein 13 | RNAE13 |
| Q6T310    | Ras-like protein family member 11A | RASL11A |
| Q8IUJ4    | Putative protein SNX29P2 | SNX29P2 |
| Q9Y3D3    | 28S ribosomal protein S16, mitochondrial | MRPS16 |
| Q9UHR5    | SAP30-binding protein | SAP30BP |
| Q96K37    | Solute carrier family 35 member E1 | SLC35E1 |
| P51398    | 28S ribosomal protein S29, mitochondrial | DAP3 |
| Q8N488    | RING1 and YY1-binding protein | RYBP |
| Q9Y467    | Sal-like protein 2 | SALL2 |
| P0CK97    | Solute carrier family 35 member E2A | SLC35E2A |
| Q5VXD3    | Sterile alpha motif domain-containing protein 13 | SAMD13 |
| P40879    | Chloride anion exchanger | SLC26A3 |
| P23297    | Protein S100-A1 | S100A1 |
| Q62MH5    | Zinc transporter ZIP5 | SLC39A5 |
| Q01196    | Runt-related transcription factor 1 | RUNX1 |
| Q6X38     | Secretoglobin family 1D member | SCGB1D4 |
| Q6V20     | Shieldin complex subunit 2 | SHLD2 |
| P22307    | Sterol carrier protein 2 | SCP2 |
| Q9PV9    | Septin-10 | SEPTIN10 |
| P53992    | Protein transport protein Sec24C | SEC24C |
| Q0X617    | Phosphoserine aminotransferase | PSAT1 |
| Q5PRF9    | Protein Smaug homolog 2 | SAMD4B |
| Q9NRG4    | N-lysine methyltransferase | SMYD2 |
| Accession  | Description                                                                                   |
|------------|-----------------------------------------------------------------------------------------------|
| Q9GZW5     | Putative SCAN domain-containing protein SCAND2P                                             |
| Q8NDV3     | Structural maintenance of chromosomes protein 1B                                             |
| Q9UHJ3     | Scm-like with four MBT domains protein 1                                                     |
| Q9H0E3     | Histone deacetylase complex subunit SAP130                                                   |
| Q8N4H0     | Spermatogenesis associated 6-like protein                                                     |
| P48764     | Sodium/hydrogen exchanger 3                                                                  |
| O43699     | Sialic acid-binding Ig-like lectin 6                                                          |
| Q8TEV9     | Guanine nucleotide exchange protein SMCR8                                                      |
| Q5VW99     | Sorting nexin-30                                                                              |
| A0A096LP0  | Small integral membrane protein 26                                                             |
| A7XYQ1     | Sine oculis-binding protein homolog                                                            |
| Q14543     | Suppressor of cytokine signaling 3                                                             |
| Q96FS4     | Signal-induced proliferation-associated protein 1                                              |
| Q2MJR0     | Sprouty-related, EVH1 domain-containing protein 3                                              |
| O75830     | Serpin I2                                                                                      |
| Q8TB22     | Spermatogenesis-associated protein 20                                                           |
| A0A087WV53 | SPEG neighbor protein                                                                          |
| Q8NBJ9     | SID1 transmembrane family member 2                                                             |
| Q5TH74     | STP7                                                                                           |
| Q9NRC1     | Suppressor of tumorigenicity 7 protein                                                         |
| Q8TDW4     | Suppressor of tumorigenicity 7 protein-like                                                    |
| Q8WU08     | Serine/threonine-protein kinase 32A                                                              |
| Q7Z7C7     | Stimulated by retinoic acid gene 8 protein homolog                                              |
| Q98XU2     | Testis-expressed protein 13B                                                                    |
| A7MD48     | Serine/arginine repetitive matrix protein 4                                                     |
| Q9UHV2     | SERTA domain-containing protein 1                                                               |
| P49458     | Signal recognition particle 9 kDa protein                                                       |
| P17987     | T-complex protein 1 subunit                                                                    |
| P0C7N4     | Transmembrane protein 191B                                                                     |
| Q9UJW2     | Tubulointerstitial nephritis antigen                                                           |
| O43763     | T-cell leukemia homeobox protein 2                                                              |
| Q9UP52     | Transferrin receptor protein 2                                                                  |
| P04155     | Trefoil factor 1                                                                                |
| A0A2R8YT7D | Putative ubiquitin domain-containing protein TINCR                                              |
| Q8TBM7     | Transmembrane protein 254                                                                      |
| Q58777     | Putative ATP-dependent RNA helicase TDRD12                                                      |
| P59922     | Putative olfactory receptor 2B8                                                                 |
| Q9Y3N9     | Olfactory receptor 2W1                                                                         |
| Q8NGF7     | Olfactory receptor 5B1                                                                         |
| Q15617     | Olfactory receptor 8G1                                                                         |
| Q6UWY5     | Olfactomedin-like protein 1                                                                     |
| Q8TE04     | Pantothenate kinase 1                                                                          |
| Q86YC2     | Partner and localizer of BRCA2                                                                  |
| Q8TWE8     | Partitioning defective 3 homolog                                                                |
| Q29RF7     | Sister chromatid cohesion protein PDSS homolog A                                                |
| Accession  | Description                                                                 | Gene      |
|------------|-----------------------------------------------------------------------------|-----------|
| Q15391     | P2Y purinoceptor 14                                                         | P2RY14    |
| P09131     | P3 protein                                                                  | SLC10A3   |
| P15863     | Paired box protein Pax-1                                                    | PAX1      |
| P49585     | Choline-phosphate cytidylyltransferase A                                     | PCYT1A    |
| P43119     | Prostaglycin receptor                                                       | PTGIR     |
| Q09H214    | Phosducin-like protein 3                                                   | PDCL3     |
| Q5QD4      | Putative peptide YY-3                                                      | PYD3      |
| P50876     | E3 ubiquitin-protein ligase                                                 | RNF144A   |
| Q09199     | RCC1 and BTB domain-containing protein 2                                    | RCBT82    |
| Q098WF3    | RNA-binding protein 4                                                       | RBM4      |
| P62491     | Ras-related protein Rab-1A                                                 | RAB1A     |
| P62834     | Ras-related protein Rap-1A                                                 | RAP1A     |
| P49792     | E3 SUMO-protein ligase RanBP2                                               | RANBP2    |
| P29762     | Cellular retinoic acid-binding protein 1                                    | CRABP1    |
| Q091G2     | Putative uncharacterized protein encoded by RBM12B-AS1                      | RBM12B-AS1|
| Q096EN9    | Required for excision 1-B domain-containing protein                         | REX1BD    |
| O60216     | Double-strand-break repair protein rad21 homolog                            | RAD21     |
| A7KAX9     | Rho GTPase-activating protein 32                                            | ARHGAP32  |
| Q09NX52    | Rhomboid-related protein 2                                                  | RHBDL2    |
| Q06ZUB1    | Spermatogenesis-associated protein 31E1                                     | SPATA31E1 |
| Q05YP50    | Spermatogenesis-associated protein 31A3                                     | SPATA31A3 |
| P82921     | 28S ribosomal protein S21, mitochondrial                                    | MRPS21    |
| Q5M8T2     | Solute carrier family 35 member D3                                          | SLC35D3   |
| P82673     | 28S ribosomal protein S35, mitochondrial                                     | MRPS35    |
| P86VD7     | Mitochondrial coenzyme A transporter SLC25A42                               | SLC25A42  |
| Q092736    | Ryanodine receptor 2                                                        | RYR2      |
| P60903     | Protein S100-A10                                                            | S100A10   |
| Q092504    | Zinc transporter SLC39A7                                                     | SLC39A7   |
| Q09NP59    | Solute carrier family 40 member 1                                          | SLC40A1   |
| Q099584    | Protein S100-A13                                                             | S100A13   |
| Q096T7     | Solute carrier family 45 member 3                                          | SLC45A3   |
| P55011     | Solute carrier family 12 member 2                                           | SLC12A2   |
| Q9Y6666    | Solute carrier family 12 member 7                                            | SLC12A7   |
| P78381     | UDP-galactose translocator                                                  | SLC35A2   |
| Q09Y3D5    | 28S ribosomal protein S18c, mitochondrial                                   | MRPS18C   |
| Q08NET4    | Retrotransposon Gag-like protein g                                          | RTL9      |
| Q09UKG4    | Solute carrier family 13 member 4                                           | SLC13A4   |
| Q09HAB3    | Solute carrier family 52, riboflavin transporter, member 2                  | SLC52A2   |
| Q2O05M5    | R-spondin-4                                                                 | RSPO4     |
| P62306     | Small nuclear ribonucleoprotein F                                           | SNRPF     |
| Q08N1H7    | Protein SIX6OS1                                                              | SIX6OS1   |
| Q09UN76    | Sodium- and chloride-dependent neutral and basic amino acid transporter B   | SLC6A14   |
| Q16799     | Reticulon-1                                                                 | RTN1      |
| Q09NL0     | RUN domain-containing protein 3B                                            | RUNDC3B   |
| Q098VN2    | RUN and SH3 domain-containing protein 1                                      | RUSC1     |
| Q09C34     | RUN domain-containing protein 1                                             | RUNDC1    |
| Q08N5C8    | TGF-beta-activated kinase 1 and MAP3K7-binding protein 3                    | TAB3      |
| Accession   | Description                                                                 |
|-------------|-----------------------------------------------------------------------------|
| Q5TG4       | Sterile alpha motif domain-containing protein 5 (SAMD5)                     |
| Q9NS18      | SAM domain-containing protein SAMSN-1 (SAMSN1)                              |
| Q8WWX8      | Sodium/myo-inositol cotransporter 2 (SLC5A11)                               |
| P60468      | Protein transport protein Sec61 subunit beta (SEC61B)                       |
| Q01B26      | DNA-binding protein SATB1 (SATB1)                                           |
| Q0VDG4      | Secernin-3 (SCRN3)                                                          |
| O15126      | Secretory carrier-associated membrane protein 1 (SCAMP1)                    |
| Q9NVA2      | Septin-11 (SEPTIN11)                                                        |
| Q9B6G6      | Sodium channel modifier 1 (SCNM1)                                           |
| P0DPE8      | Small integral membrane protein 34B (SMIM34B)                               |
| Q13844      | Beta-1-syntrophin (SNTB1)                                                   |
| Q5S9N1      | Synaptosomal-associated protein 47 (SNAP47)                                  |
| Q8WWK2      | U4/U6,U5 small nuclear ribonucleoprotein 27 kDa protein (SNRNP27)          |
| Q6UXR4      | Putative serpin A13 (SERPINA13)                                             |
| P30825      | High affinity cationic amino acid transporter 1 (SLC7A1)                    |
| A8MWL6      | Putative synaptogyrin-2 like protein (SAYS1)                                 |
| Q9NPB0      | SAYSvFN domain-containing protein 1 (SAYSD1)                                |
| Q9RM66      | Small proline-rich protein 2F (SPRR2F)                                      |
| Q2TAY1      | WD40 repeat-containing protein SMU1 (SMU1)                                   |
| Q94972      | E3 ubiquitin-protein ligase (TRIM37)                                        |
| O43597      | Protein sprouty homolog 2 (SPRY2)                                           |
| Q9H9C1      | Spermatogenesis-defective protein 39 homolog (VIPAS39)                      |
| Q14159      | DNA repair-scaffolding protein (SPIDR)                                       |
| Q9P270      | SLAIN motif-containing protein 2 (SLAIN2)                                    |
| Q8IW03      | Seven in absentia homolog 3 (SIAH3)                                         |
| Q96P15      | Serpin B11 (SERPINB11)                                                      |
| P21815      | Bone sialoprotein 2 (IBSP)                                                   |
| Q96L66      | Sialic acid-binding Ig-like lectin (SGLEC11)                                |
| O43704      | Sulfotransferase family cytosolic 18 member 1 (SULT1B1)                     |
| Q93065      | Statmin-2 (STMN2)                                                          |
| BZM234      | Protein shisa-8 (SHISA8)                                                    |
| Q94768      | Serine/threonine-protein kinase 17B (STK17B)                                |
| Q8N412      | Sperm-tail PG-rich repeat-containing protein 2 (STPG2)                      |
| Q9UH99      | SUN domain-containing protein 2 (SUN2)                                      |
| Q99469      | SH3 and cysteine-rich domain-containing protein (STAC)                      |
| Q76853      | Surflet locus protein 6 (SURF6)                                             |
| POCW00      | Testis-specific Y-encoded protein 8 (TSPY8)                                 |
| Q92537      | Sushi domain-containing protein (SUSD6)                                     |
| Q75044      | SLIT-ROBO Rho GTPase-activating protein 2 (SGRAP2)                          |
| Q5VX9       | Ubiquitin-conjugating enzyme E2 U (UBE2U)                                   |
| A6NNA2      | Serine/arginine repetitive matrix protein 3 (SRRM3)                         |
| B0F48       | Uroplakin-3b-like protein 1 (UPK3BL1)                                       |
| Q9UH65      | Switch-associated protein 70 (SWAP70)                                       |
| Q8WU00      | Serine/threonine/tyrosine-interacting protein (STYX)                        |
| P37288      | Vasopressin V1a receptor (AVPR1A)                                           |
| Q6S396      | TATA box-binding protein-like 2 (TBP2L2)                                    |
| P20062 | Transcobalamin-2 | TCN2 |
| Q86XR7 | TIR domain-containing adapter molecule 2 | TICAM2 |
| P0CG35 | Thymosin beta-15B | TMSB15B |
| Q9H853 | Putative tubulin-like protein alpha-4B | TUBA4B |
| Q9NQ1C | E3 ubiquitin-protein ligase Jade-2 | JADE2 |
| P05106 | Integrin beta-3 | ITGB3 |
| Q96HW7 | Integrator complex subunit 4 | INTS4 |
| C9JVW0 | Putative transmembrane protein INAFM1 | INAFM1 |
| O15225 | Putative inactivation escape 1 protein | INE1 |
| Q1MX18 | Protein inscuteable homolog | INSC |
| O15503 | Insulin-induced gene 1 protein | INSI1 |
| Q96PR1 | Potassium voltage-gated channel subfamily C member 2 | KCNN2 |
| Q8NHM5 | Lysine-specific demethylase 2B | KDM2B |
| Q8N6M8 | IQ domain-containing protein F1 | IQCF1 |
| Q8NHK3 | Killer cell immunoglobulin-like receptor 2DL5B | KIR2DL5B |
| Q13601 | KRR1 small subunit processome component homolog | KRR1 |
| Q6P2M8 | Calcium/calmodulin-dependent protein kinase type 1B | PNCK |
| Q5JQS5 | Offactory receptor 2B11 | OR2B11 |
| P0DPK3 | Notch homolog 2 N-terminal-like protein B | NOTCH2NLB |
| Q9NGG6 | Offactory receptor 8B12 | OR8B12 |
| Q9BMX7 | Serine/threonine-protein kinase PINK1, mitochondrial | PINK1 |
| Q9H611 | ATP-dependent DNA helicase | PIF1 |
| P14927 | Cytochrome b-c1 complex subunit 7 | UQCRB |
| Q5H9M0 | PWWP domain-containing DNA repair factor 3B | PWWP3B |
| Q9H2L5 | Ras association domain-containing protein 4 | RASSF4 |
| P01111 | GTPase NRas | NRAS |
| Q72444 | GTPase ERas | ERAS |
| Q5TC82 | Koquin-1 | RC3H1 |
| P06400 | Retinoblastoma-associated protein | RB1 |
| Q8YKB | GTP-binding protein REM 2 | REM2 |
| P9171 | Rho GTPase-activating protein 4 | ARHGA4 |
| Q96Q70 | Rab-3A-interacting protein | RAB3IP |
| P0DJD0 | RANBP2-like and GRIP domain-containing protein 1 | RGPD1 |
| P63244 | Receptor of activated protein C kinase 1 | RACK1 |
| Q4ADV7 | Guanine nucleotide exchange factor subunit RIC1 | RIC1 |
| Q2M5E4 | Regulator of G-protein signaling 21 | RGS21 |
| F8VTS6 | Ret finger protein-like 4A-like protein 1 | RFPL4AL1 |
| Q8N431 | Ras-GEF domain-containing family member 1C | RASGEF1C |
| Q8TB24 | Ras and Rab interactor 3 | RIN3 |
| P62829 | 60S ribosomal protein L23 | RPL23 |
| P61927 | 60S ribosomal protein L37 | RPL37 |
| Q98B68 | E3 ubiquitin-protein ligase | RNF126 |
| O00584 | Ribonuclease T2 | RNASET2 |
| P60866 | 40S ribosomal protein S20 | RPS20 |
| Q92681 | Regulatory solute carrier protein family 1 member 1 | RSC1A1 |
| O6087 | Sushi repeat-containing protein SRPX2 | SRPX2 |
| Accession | Description |
|-----------|-------------|
| Q1RMZ1    | S-adenosylmethionine sensor upstream of mTORC1 |
| Q6UWV7    | Protein shisa-like-2A |
| Q95968    | Secretoglobin family 1D member |
| Q95025    | Semaphorin-3D |
| Q9UQ7     | SCP2 sterol-binding domain-containing protein 1 |
| Q9UPW6    | DNA-binding protein SATB2 |
| Q1EHB4    | Sodium-coupled monocarboxylate transporter 2 |
| A0A1BOGTR4 | Putative small proline-rich protein 5 |
| Q00767    | Stearyl-CoA desaturase |
| Q2VWA4    | SKI family transcriptional corepressor 2 |
| Q6IEE8    | Shlagen family member 12-like |
| Q956E3    | Zinc finger protein SNAI1 |
| Q9Y5W8    | Sorting nexin-13 |
| Q13342    | Nuclear body protein SP140 |
| A6NFE2    | Single-pass membrane and coiled-coil domain-containing protein 2 |
| Q15797    | Mothers against decapentaplegic homolog 1 |
| Q43761    | Synaptogyrin-3 |
| Q9H3E2    | Sorting nexin-25 |
| Q969W0    | Serine palmitoyltransferase small subunit A |
| Q5STR5    | Small integral membrane protein 40 |
| Q9B8G8    | Spermatogenic leucine zipper protein 1 |
| Q2TAL5    | Smoothelin-like protein 2 |
| Q7Z7L1    | Shlagen family member 11 |
| Q8N6T7    | NAD-dependent protein deacetylase sirtuin-6 |
| Q92187    | CMP-N-acetylneuraminic-poly-alpha-2,8-sialyltransferase |
| Q5A73     | Spindlin-4 |
| Q00902    | Short stature homeobox protein 2 |
| Q14N88    | E3 ubiquitin-protein ligase SHPRH |
| Q9NX95    | Syntubulin |
| Q6UW4     | Protein shisa-2 homolog |
| Q8TC36    | SUN domain-containing protein 5 |
| Q9NY15    | Stabilin-1 |
| Q75558    | Syntaxin-11 |
| Q08170    | Serine/arginine-rich splicing factor 4 |
| Q66K14    | TBC1 domain family member 9B |
| A0A087WX59 | TBC1 domain family member 3I |
| Q96DZ7    | Transmembrane 4 L6 family member 19 |
| A0A087XI1G2 | TBC1 domain family member 3K |
| Q15813    | Tubulin-specific chaperone E |
| Q5ST30    | Valine-4-tRNA ligase, mitochondrial |
| Q7RTU1    | Transcription factor 23 |
| Q8N659    | Synaptotagmin-14 |
| Q9NYW0    | Taste receptor type 2 member 10 |
| Q9H1K6    | Talin rod domain-containing protein 1 |
| P59536    | Taste receptor type 2 member 41 |
| Q9NWX6    | Probable tRNA |
| Q9UKU6    | Thyrotropin-releasing hormone-degrading ectoenzyme |
| Q98ZY9    | E3 ubiquitin-protein ligase |
| Accession | Description |
|-----------|-------------|
| Q6ZNR0    | Transmembrane protein 91 (TMEM91) |
| Q8IZ21    | Phosphatase and actin regulator 4 (PHACTR4) |
| Q9NX55    | Pyroglutamyl-peptidase 1 (PGPEP1) |
| Q9LGN5    | Poly (PAPR2) |
| Q43189    | PHD finger protein 1 (PHF1) |
| Q093A3    | MOB-like protein phocein (MOB4) |
| Q9BWX1    | PHD finger protein 7 (PHF7) |
| P17858    | ATP-dependent 6-phosphofructokinase, liver type (PFKL) |
| Q43157    | Plexin-B1 (PLXNB1) |
| Q9NYY3    | Serine/threonine-protein kinase PLK2 (PLK2) |
| Q9BX97    | Plasmalemma vesicle-associated protein (PLVAP) |
| Q17796    | Proline-rich nuclear receptor coactivator 1 (PNRC1) |
| P49593    | Protein phosphatase 1F (PPM1F) |
| Q32Z12    | Phospholipid phosphatase-related protein type 5 (PLPR5) |
| P0C851    | Phosphoinositide-interacting protein (PIRT) |
| O00625    | PIRin (PIR) |
| Q3KR16    | Pleckstrin homology domain-containing family G member 6 (PLEKHG6) |
| Q9BZ71    | Membrane-associated phosphatidylinositol transfer protein 3 (PITPNM3) |
| Q6ZWE6    | Pleckstrin homology domain-containing family M member 3 (PLEKHM3) |
| P51817    | cAMP-dependent protein kinase catalytic subunit PRKX (PRKX) |
| Q88679    | Proline-rich protein 7 (PRR7) |
| Q9KNS1    | Patched domain-containing protein 3 (PTCHD3) |
| Q2TAL8    | Glutamine-rich protein 1 (QRICH1) |
| Q9HA9     | Peroxisomal membrane protein 11C (PEX11G) |
| Q8TC12    | Retinol dehydrogenase 11 (RDH11) |
| Q7Z322    | Protein RD3 (RD3) |
| A6NDE4    | RNA-binding motif protein, Y chromosome, family 1 member B (RBMY1B) |
| Q655E5    | RNA-binding RalY-like protein (RALYL) |
| Q9D9A2    | Ras-related protein Rab-39B (RAB39B) |
| Q5S508    | Ras-related protein Rab-6D (RAB6D) |
| Q9P2F6    | Rho GTPase-activating protein 20 (ARHGAP20) |
| Q9NRY4    | Rho GTPase-activating protein 35 (ARHGAP35) |
| Q99638    | Cell cycle checkpoint control protein RAD9A (RAD9A) |
| Q9L9R9    | Receptor expression-enhancing protein 6 (REEP6) |
| Q15429    | Regulator of G-protein signaling 16 (RGS16) |
| Q75678    | Ret finger protein-like 2 (RFPL2) |
| Q9H1J1    | Regulator of nonsense transcripts 3A (UF3A) |
| Q0VAM2    | Ras-GEF domain-containing family member 1B (RASGEF1B) |
| Q96E11    | Ribosome-recycling factor, mitochondrial (MRRF) |
| Q5JNZ5    | Putative 40S ribosomal protein S26-like 1 (RPS26P11) |
| Q5VVWQ0   | Lysine-specific demethylase 9 (RSBN1) |
| Q92737    | Ras-like protein family member 10A (RASL10A) |
| Q9P2J5    | Leucine--tRNA ligase, cytoplasmic (LARS1) |
| Q82914    | 28S ribosomal protein S15, mitochondrial (MRPS15) |
| Accession | Name and Description                                                                                           | Gene Symbol |
|-----------|---------------------------------------------------------------------------------------------------------------|-------------|
| Q9Y676    | 28S ribosomal protein S18b, mitochondrial                                                                   | MRPS18B     |
| Q9UJQ4    | Sal-like protein 4                                                                                           | SALL4       |
| P50443    | Sulfate transporter                                                                                          | SLC26A2     |
| P82909    | 28S ribosomal protein S36, mitochondrial                                                                    | MRPS36      |
| Q98QC6    | Ribosomal protein 63, mitochondrial                                                                          | MRPL57      |
| Q98XA9    | Sal-like protein 3                                                                                           | SALL3       |
| Q8IVJ1    | Solute carrier family 41 member 1                                                                           | SLC41A1     |
| Q8TE82    | SH3 domain and tetratricopeptide repeat-containing protein                                                  | SH3TC1      |
| Q15404    | Ras suppressor protein 1                                                                                      | RSU1        |
| Q7L099    | Protein RUFY3                                                                                                | RUFY3       |
| Q16586    | Alpha-sarcoglycan                                                                                            | SGCA        |
| Q92629    | Delta-sarcoglycan                                                                                            | SGCD        |
| P63302    | Selenoprotein W                                                                                               | SELENOW     |
| Q98QI5    | SH3-containing GRB2-like protein 3-interacting protein                                                       | SGIP1       |
| Q5FBB7    | Shugoshin 1                                                                                                | SGO1        |
| O00141    | Serine/threonine-protein kinase Sgk1                                                                           | SGK1        |
| P0DPB3    | Schwannomin-interacting protein 1                                                                           | SCHIP1      |
| Q96GD3    | Polycomb protein SCMH1                                                                                        | SCMH1       |
| Q98V35    | Calcium-binding mitochondrial carrier protein SCaMC-3                                                        | SLC25A23    |
| Q9P0U3    | Sentrin-specific protease 1                                                                                   | SENP1       |
| Q98WW7    | Transcriptional repressor scratch 1                                                                           | SCRT1       |
| P23975    | Sodium-dependent noradrenaline transporter                                                                     | SLC6A2      |
| Q8WT0V    | Scavenger receptor class B member 1                                                                           | SCARB1      |
| Q8NB12    | Histone-lysine N-methyltransferase SMYD1                                                                      | SMYD1       |
| A8MWV9    | Small integral membrane protein 34A                                                                           | SMIM34A     |
| P54920    | Alpha-soluble NSF attachment protein                                                                          | NAPA        |
| Q496A3    | Spermatogenesis-associated serine-rich protein 1                                                               | SPATS1      |
| A0A0B4J2F2| Probable serine/threonine-protein kinase SIK1B                                                                   | SIK1B       |
| Q5TAH2    | Sodium/hydrogen exchanger 11                                                                                  | SLC9C2      |
| Q8IX0     | Spindle and kinetochore-associated protein 3                                                                   | SKA3        |
| A0A286YFK9| Small integral membrane protein 38                                                                             | SMIM38      |
| O43760    | Synaptogyrin-2                                                                                               | SYNGR2      |
| Q96QK8    | Small integral membrane protein 14                                                                             | SMIM14      |
| Q15506    | Sperm surface protein Sp17                                                                                     | SPA17       |
| P30626    | Sorcin                                                                                                        | SRI         |
| Q9H156    | SLIT and NTRK-like protein 2                                                                                    | SLITRK2     |
| Q9NRY2    | SOSS complex subunit C                                                                                        | INIP        |
| Q72698    | Sprouty-related, EVH1 domain-containing protein 2                                                              | SPRED2      |
| P0CW21    | Putative uncharacterized protein SPART-AS1                                                                     | SPART-AS1   |
| A0A1B0GUW6| Uncharacterized protein SPEM3                                                                                  | SPEM3       |
| P61099    | Signal peptidase complex subunit 3                                                                             | SPCS3       |
| P00441    | Superoxide dismutase                                                                                           | SOD1        |
| P53597    | Succinate--CoA ligase                                                                                        | SUCLG1      |
| Q16514    | Transcription initiation factor TFIID subunit 1                                                                 | TAF12       |
| Q8NJ27    | THO complex subunit 2                                                                                         | THOC2       |
| Q9NJ08    | Teneurin-2                                                                                                    | TENM2       |
| Accession | Description                                                                 | Gene Symbol |
|-----------|-----------------------------------------------------------------------------|-------------|
| O15164    | Transcription intermediary factor 1-alpha                                    | TRIM24      |
| P22105    | Tenascin-X                                                                   | TNXB        |
| Q9Y5Q9    | General transcription factor 3C polypeptide 3                                | GTF3C3      |
| Q96IP4    | Terminal nucleotidyltransferase 5A                                          | TENT5A      |
| Q5VZQ5    | Testis-expressed protein 36                                                 | TEX36       |
| Q8IUE1    | Homeobox protein TGIF2LX                                                    | TGIF2LX     |
| Q6ZWK6    | Transmembrane protease serine 11F                                           | TMPRSS11F   |
| Q86WS3    | Oocyte-secreted protein 2                                                    | OOSP2       |
| P26367    | Paired box protein Pax-6                                                    | PAX6        |
| P53611    | Geranylgeranyl transferase type-2 subunit beta                              | RABGGTB     |
| P82980    | Retinol-binding protein 5                                                   | RBP5        |
| P84098    | 60S ribosomal protein L19                                                   | RPL19       |
| P42766    | 60S ribosomal protein L35                                                   | RPL35       |
| Q9NYK5    | 39S ribosomal protein L39, mitochondrial                                      | MRPL39      |
| Q92834    | X-linked retinitis pigmentosa GTPase regulator                              | RPGR        |
| Q9Y3B9    | RRP15-like protein                                                           | RRP15       |
| Q94941    | RING finger protein 37                                                      | UBOX5       |
| Q9NQG5    | Regulation of nuclear pre-mRNA domain-containing protein 1B                 | RPRD1B      |
| Q5VZM2    | Ras-related GTP-binding protein                                              | RRAGB       |
| P62277    | 40S ribosomal protein S3                                                    | RPS13       |
| Q96S37    | Solute carrier family 22 member 12                                           | SLC22A12    |
| Q9BSK2    | Solute carrier family 25 member 33                                           | SLC25A33    |
| Q9PS1     | Solute carrier family 23 member 3                                             | SLC23A3     |
| Q76E3     | UDP-N-acetylglucosamine/UDP-glucose/GDP-mannose transporter                  | SLC35D2     |
| Q9Y2V3    | Retinal homeobox protein Rx                                                  | RAX         |
| P0C7Q5    | Putative solute carrier family 35 member G4                                  | SLC35G4     |
| Q9Y2H2    | Phosphatidylinositol phosphate phosphatase SAC2                              | INPP5F      |
| Q9Y2P5    | Bile acyl-CoA synthetase                                                     | SLC27A5     |
| Q9COK1    | Metal cation symporter ZIP8                                                  | SLC39A8     |
| P05109    | Protein S100-A8                                                              | S100A8      |
| Q8N1F8    | Serine/threonine-protein kinase 11-interacting protein                      | STK11P      |
| Q92503    | SEC14-like protein 1                                                         | SEC141L     |
| Q15061    | Synemin                                                                     | SYNM        |
| Q4U2K8    | Solute carrier family 22 member 6                                            | SLC22A6     |
| Q99500    | Sphingosine 1-phosphate receptor 3                                            | S1PR3       |
| P82932    | 28S ribosomal protein S6, mitochondrial                                      | MRPS6       |
| Q96BY9    | Store-operated calcium entry-associated regulatory factor                     | SARAF       |
| Q9Y512    | Sorting and assembly machinery component 50 homolog                          | SAMM50      |
| Q92622    | Run domain Beclin-1-interacting and cysteine-rich domain-containing protein  | RUBCN       |
| P07602    | Prosaposin                                                                  | PSAP        |
| Q75556    | Mammaglobin-B                                                                | SCGB2A1     |
| Q58EX2    | Protein sidekick-2                                                           | SDK2        |
| Q96QR1    | Secretoglobin family 3A member                                                | SCGB3A1     |
| Q01105    | Protein SET                                                                 | SET         |
| Q9UGP8    | Translocation protein SEC63 homolog                                          | SEC63       |
| Q96HU1    | Small G protein signaling modulator 3                                         | SGSM3       |
| Accession | Description | Accession | Description |
|-----------|-------------|-----------|-------------|
| O60880    | SH2 domain-containing protein 1A | SH2D1A    |             |
| Q6ZV89    | SH2 domain-containing protein 5 | SH2D5     |             |
| Q9NP31    | SH2 domain-containing protein 2A | SH2D2A    |             |
| Q8N228    | Sex comb on midleg-like protein | SCML4     |             |
| Q9UPX8    | SH3 and multiple ankyrin repeat domains protein 2 | SHANK2    |             |
| Q9Y566    | SH3 and multiple ankyrin repeat domains protein 1 | SHANK1    |             |
| Q7RTU7    | Basic helix-loop-helix transcription factor scleraxis | SCX       |             |
| Q9Y2G9    | Protein strawberry notch homolog 2 | SBNO2     |             |
| P57086    | SCAN domain-containing protein 1 | SCAND1    |             |
| Q3SY56    | Transcription factor Sp6 | SP6       |             |
| O75971    | snRNA-activating protein complex subunit 5 | SNAPC5    |             |
| Q95391    | Pre-mRNA-splicing factor SLU7 | SLU7      |             |
| Q8IY92    | Structure-specific endonuclease subunit SLX4 | SLX4      |             |
| Q95473    | Synaptogyrin-4 | SYNGR4    |             |
| P0DX4     | Small integral membrane protein 18 | SMIM18    |             |
| Q8N7X8    | SIGLEC family-like protein 1 | SIGLECL1  |             |
| Q96HG1    | Small integral membrane protein 10 | SMIM10    |             |
| Q96XE0    | Sorting nexin-32 | SNX32     |             |
| Q96QP0    | VPS10 domain-containing receptor SorC52 | SORC52    |             |
| P0DTA3    | Putative speedy protein E11 | SPDYE11   |             |
| Q07890    | Son of sevenless homolog 2 | SOS2      |             |
| Q5VSR9    | Sperm protein associated with the nucleus on the X chromosome N1 | SPANXN1  |             |
| Q95416    | Transcription factor SOX-14 | SOX14     |             |
| Q3KNW5    | Solute carrier family 10 member 6 | SLC10A6   |             |
| Q75934    | Pre-mRNA-splicing factor SPF27 | BCAS2     |             |
| Q96N96    | Spermatogenesis-associated protein 13 | SPATA13   |             |
| Q9Y6A9    | Signal peptidase complex subunit 1 | SPCS1     |             |
| A0P1X4    | Protein shisa-3 homolog | SHISA3    |             |
| Q60224    | Protein SSX4 | SSX4      |             |
| P49842    | Serine/threonine-protein kinase | STK19     |             |
| Q7RTN6    | STE20-related kinase adapter protein alpha | STRADA    |             |
| P08842    | Steryl-sulfatase | STS       |             |
| Q5TT92    | Alanine--tRNA ligase, mitochondrial | AARS2     |             |
| Q96A49    | Synapse-associated protein 1 | SYAP1     |             |
| Q98XP5    | Serrat RNA effector molecule homolog | SRRT      |             |
| P59542    | Taste receptor type 2 member 19 | TAS2R19   |             |
| Q6I638    | Serine protease inhibitor Kazal-type 14 | SPINK14   |             |
| Q01546    | Keratin, type II cytoskeletal 2 oral | KRT76     |             |
| P16144    | Integrin beta-4 | ITGB4     |             |
| P01308    | Insulin | INS       |             |
| Q9C075    | Keratin, type I cytoskeletal 23 | KRT23     |             |
| Q12YL8    | Izumo sperm-egg fusion protein 4 | IZUMO4    |             |
| Q9Y6X8    | Adenylate kinase isoenzyme 5 | AK5       |             |
| Q9U8B0    | Ribosomal protein S6 kinase beta-2 | RPS6KB2   |             |
| Q9P733    | Kelch-like protein 9 | KHLH9     |             |
| Q9H2R5    | Kallikrein-15 | KKL15     |             |
| Q9Y5W3    | Krueppel-like factor 2 | KLF2      |             |
| Q4GOX4    | BTB/POZ domain-containing protein KCTD21 | KCTD21   |             |
| Gene ID | Description |
|---------|-------------|
| P30613  | Pyruvate kinase PKLR PKLR |
| Q07866  | Kinesin light chain 1 KLC1 |
| P60412  | Keratin-associated protein 10-11 KRTAP10-11 |
| A0A075B6S5 | Immunoglobulin kappa variable 1-27 IGKV1-27 |
| Q15012  | Lysosomal-associated transmembrane protein 4A LAPTM4A |
| Q68G74  | LIM/homeobox protein Lhx8 LHX8 |
| A0A183  | Late cornified envelope protein 6A LCE6A |
| O43561  | Linker for activation of T-cells family member 1 LAT |
| Q96AG4  | Leucine-rich repeat-containing protein 59 LRRC59 |
| A4QP82  | Low-density lipoprotein receptor-related protein 5-like protein LRP5L |
| Q9Y2Y9  | Krueppel-like factor 13 KLF13 |
| Q9Y664  | KICSTOR complex protein kaptin KPTN |
| P18054  | Polyunsaturated fatty acid lipoygenase ALOX12 ALOX12 |
| Q9CO99  | Leucine-rich repeat and coiled-coil domain-containing protein 1 LRRCC1 |
| Q6X2B0  | Lipase member 1 LIPI |
| A6N173  | Leukocyte immunoglobulin-like receptor subfamily A member 5 LILRA5 |
| Q86W92  | Lprin-beta-1 PPFIBP1 |
| P06858  | Lipoprotein lipase LPL |
| Q86UE4  | Protein LYRIC MTDH |
| Q93074  | Mediator of RNA polymerase II transcription subunit 12 MED12 |
| Q9H9K5  | Endogenous retroviral envelope protein HEMO ERVMER34-1 |
| Q96A32  | Myosin regulatory light chain 2, skeletal muscle isoform MYLPF |
| Q8N6F8  | Methyltransferase-like protein 27 METTL27 |
| Q13434  | Putative E3 ubiquitin-protein ligase makorin-4 MKRN4P |
| Q98WT6  | Meiotic nuclear division protein 1 homolog MND1 |
| Q9UBM8  | Alpha-1,3-mannosyl-glycoprotein 4-beta-N-acetylglucosaminyltransferase C MGAT4C |
| Q9H019  | Mitochondrial fission regulator 1-like MTRF1L |
| Q86VD1  | MORC family CW-type zinc finger protein 1 MORC1 |
| Q6NTE8  | MRN complex-interacting protein MRNIP |
| Q13508  | Ecto-ADP-ribosyltransferase 3 ART3 |
| Q92832  | Protein kinase C-binding protein NELL1 NELL1 |
| O60524  | Nuclear export mediator factor NEMF NEMF |
| Q5JS77  | NHL repeat-containing protein 3 NHRC3 |
| Q13563  | Polycystin-2 PKD2 |
| Q14249  | Endonuclease G, mitochondrial ENDOG |
| Q98GQ2  | NAD+ - capping RNA hydrolase NUDT12 NUDT12 |
| Q99ZD4  | Kinetochoore protein Nufl Nufl |
| Q8NGS0  | Olfactory receptor 1N1 OR1N1 |
| P47874  | Olfactory marker protein OMP |
| P47884  | Olfactory receptor 1D4 OR1D4 |
| Q8NHA6  | Putative olfactory receptor 2W6 OR2W6P |
| P04000  | Long-wave-sensitive opsin 1 OPN1LW |
| Q5W0B1  | ORC ubiquitin ligase 1 OBI1 |
| Q9UBM1  | Phosphatidylethanolamine N-methyltransferase PEMT |
| P21810  | Biglycan BGN |
| Accession | Description                                                                 | Symbol |
|-----------|-----------------------------------------------------------------------------|--------|
| Q9NWQ8    | Phosphoprotein associated with glycosphingolipid-enriched microdomains 1    | PAG1   |
| Q969N2    | GPI transamidase component                                                  | PIGT   |
| P12955    | Xaa-Pro dipeptidase                                                         | PEPD   |
| A0A180GUW7| Small integral membrane protein 27                                          | SMIM27 |
| P22532    | Small proline-rich protein 2D                                               | SPRR2D |
| Q996I2    | Transcription factor SOX-17                                                 | SOX17  |
| P61647    | Alpha-2,8-sialyltransferase 8F                                              | ST8SIA6|
| Q9NC7     | Alpha-N-acetylgalactosaminide alpha-2,6-sialyltransferase 1                 | ST6GALNA|
| Q2M3G4    | Protein Shroom1                                                             | SHROOM1|
| Q8NB7     | Inactive C-alpha-formylglycine-generating enzyme 2                          | SUMF2  |
| Q9BXUJ    | Serine/threonine-protein kinase                                             | STK31  |
| P40763    | Signal transducer and activator of transcription 3                         | STAT3  |
| Q9BYT3    | Serine/threonine-protein kinase                                             | STK33  |
| Q14849    | STAR-related lipid transfer protein 3                                       | STARD3 |
| Q6NZ63    | STEAP family member 1B                                                     | STEAP1B|
| A6NEL2    | Ankyrin repeat domain-containing protein SOWAHB                             | SOWAHB |
| Q96UX3    | Protein SERAC1                                                             | SERAC1 |
| Q9COH9    | SRC kinase signaling inhibitor 1                                            | SRCIN1 |
| Q9UL17    | T-box transcription factor TBX21                                             | TBX21  |
| Q9HCD6    | Protein TANC2                                                               | TANC2  |
| Q01995    | Transgelin                                                                 | TAGLN  |
| Q60603    | Toll-like receptor 2                                                        | TLR2   |
| Q12800    | Alpha-globin transcription factor CP2                                       | TFCP2  |
| Q8NE00    | Transmembrane protein 104                                                   | TMEM104|
| P0DPH7    | Tubulin alpha-3C chain                                                     | TUBA3C |
| Q8NL4L1   | Transmembrane protein 151A                                                  | TMEM151A|
| A0A180GTD5| Testis-expressed protein 49                                                 | TEX49  |
| Q9NP10    | Transmembrane protein 138                                                   | TMEM138|
| Q8NC1L8   | Transmembrane protein 116                                                   | TMEM116|
| P20366    | Protachykinin-1                                                            | TAC1   |
| Q9Y490    | Talin-1                                                                    | TLN1   |
| Q8NHU6    | Tudor domain-containing protein 7                                           | TDRD7  |
| Q8NAT2    | Tudor domain-containing protein 5                                           | TDRD5  |
| Q9H330    | Transmembrane protein 245                                                   | TMEM245|
| Q5T292    | Transmembrane protein 273                                                   | TMEM273|
| P36897    | TGF-beta receptor type-1                                                    | TGFB1  |
| Q15583    | Homeobox protein TGIF1                                                      | TGIF1  |
| Q9UPN9    | E3 ubiquitin–protein ligase                                                 | TRIM33 |
| Q9UVJ3    | Probable E3 ubiquitin–protein ligase MID2                                   | MID2   |
| Q9Y275    | Tumor necrosis factor ligand superfamly member 13B                         | TNFSF13B|
| B7Z8K6    | T cell receptor delta constant                                              | TRDC   |
| Q7Z27T5   | TRMT1-like protein                                                          | TRMT1L |
| Q8NBV7    | Protein TOPAZ1                                                             | TOPAZ1 |
| Q8NGG2    | Olfactory receptor 5T2                                                      | OR5T2  |
| Q9NR9C9   | Otoraplin                                                                   | ORTOR  |
| P0C604    | Olfactory receptor 4A8                                                      | OR4A8  |
| Q76100    | Olfactory receptor 7A10                                                     | OR7A10 |
| Q96P11    | 28S rRNA                                                                   | NSUN5  |
| Q8NNG3    | Olfactory receptor 1K1                                                      | OR1K1  |
| Q99567    | Nuclear pore complex protein Nup88                                          | NUP88  |
| Q96RC9    | Olfactory receptor 8B4                                                      | OR8B4  |
| Q5SRE5    | Nucleoporin NUP188                                                          | NUP188 |
| Q6PK18 | 2-oxoglutarate and iron-dependent oxygenase domain-containing protein 3 | OGFOD3 |
| P41146 | Nociceptin receptor | OPRL1 |
| P42857 | Neuronal vesicle trafficking-associated protein 1 | NSG1 |
| P0CE71 | Putative oncomodulin-2 | OCM2 |
| Q60404 | Olfactory receptor 1H3 | OR1H3 |
| Q6IF99 | Olfactory receptor 1K2 | OR1K2 |
| Q8NH04 | Olfactory receptor 2T27 | OR2T27 |
| P39656 | Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 48 kDa subunit | DDOST |
| Q8NGF1 | Olfactory receptor 52R1 | OR52R1 |
| Q9H2C8 | Olfactory receptor 51V1 | OR51V1 |
| P30559 | Oxytocin receptor | OXTR |
| Q8NG22 | Olfactory receptor 14K1 | OR14K1 |
| Q15072 | Zinc finger protein OZF | ZNF146 |
| Q96M63 | Outer dynein arm-docking complex subunit 1 | ODAD1 |
| Q8NGT2 | Olfactory receptor 13J1 | OR13J1 |
| P11182 | Lipoamide acyltransferase component of branched-chain alpha-keto acid dehydrogenase complex, mitochondrial | DBT |
| E9PI22 | Proline-rich protein 23D1 | PRR23D1 |
| Q92569 | Phosphatidylinositol 3-kinase regulatory subunit gamma | PIK3R3 |
| Q8ZP6 | RING finger protein 113B | RNF113B |
| Q8NC44 | Reticulophagy regulator 2 | RETREG2 |
| Q07020 | 60S ribosomal protein L18 | RPL18 |
| P08708 | 40S ribosomal protein S17 | RPS17 |
| Q9HBX9 | Relaxin receptor 1 | RXFP1 |
| Q9Y6Y8 | SEC23-interacting protein | SEC23IP |
| Q96S0 | UDP-xylene and UDP-N-acetylglucosamine transporter | SLC35B4 |
| P28702 | Retinoic acid receptor RXR-beta | RXRB |
| Q98YN8 | 28S ribosomal protein S26, mitochondrial | MRPS26 |
| Q9H1U9 | Mitochondrial nicotinamide adenine dinucleotide transporter SLC25A51 | SLC25A51 |
| Q8WUX1 | Sodium--coupled neutral amino acid transporter 5 | SLC38A5 |
| O00442 | RNA 3'--terminal phosphate cyclase | RTCA |
| Q96GZ6 | Solute carrier family 41 member 3 | SLC41A3 |
| Q55K6 | Solute carrier family 45 member 4 | SLC45A4 |
| Q8NBS3 | Sodium bicarbonate transporter-like protein 11 | SLC4A11 |
| Q9NQ40 | Solute carrier family 52, riboflavin transporter, member 3 | SLC52A3 |
| Q9BZV2 | Thiamine transporter 2 | SLC19A3 |
| Q16348 | Solute carrier family 15 member 2 | SLC15A2 |
| Q9HV7V | Synapse differentiation--inducing gene protein 1 | SYNDIG1 |
| Q60779 | Thiamine transporter 1 | SLC19A2 |
| Q9H2I7 | Sodium--dependent neutral amino acid transporter B | SLC6A15 |
| Q9NNQ2 | S--adenosylhomocysteine hydrolase--like protein 1 | AHCYL1 |
| Q96CW6 | Probable RNA polymerase II nuclear localization protein SLC7A6OS | SLC7A6OS |
| Q15244 | Solute carrier family 22 member 2 | SLC22A2 |
| Q9NQZ2 | Something about silencing protein 10 | UTP3 |
| ID     | Description                                                                 | Accession |
|--------|-----------------------------------------------------------------------------|-----------|
| Q9NV23 | S-acyl fatty acid synthase thioesterase, medium chain                        | OLAH      |
| Q9BZR6 | Reticulon-4 receptor                                                         | RTN4      |
| Q7Z3H4 | Sterile alpha motif domain-containing protein 7                              | SAMD7     |
| P09865 | 40S ribosomal protein SA                                                     | RPSA      |
| Q9Y686 | GTP-binding protein SAR1b                                                   | SAR1B     |
| Q9Y6X0 | SET-binding protein                                                          | SETBP1    |
| Q9H5K3 | Protein O-mannose kinase                                                     | POMK      |
| O43819 | Protein SCO2 homolog, mitochondrial                                         | SCO2      |
| O43556 | Epsilon-sarcoglycan                                                          | SGCE      |
| Q86TU7 | Actin-histidine N-methyltransferase                                          | SETD3     |
| Q1546S | Sonic hedgehog protein                                                       | SHH       |
| Q8WXD2 | Secretogranin-3                                                             | SCG3      |
| Q9NZV5 | Selenoprotein N                                                              | SELENON   |
| Q6NUK1 | Calcium-binding mitochondrial carrier protein ScaMC-1                        | SLC25A24  |
| Q6KCM7 | Calcium-binding mitochondrial carrier protein ScaMC-2                        | SLC25A25  |
| Q9HOW7 | THAP domain-containing protein 2                                             | THAP2     |
| Q4G0G5 | Secretogoglobin family 28 member                                             | SCGB2B2   |
| Q9GZV3 | High affinity choline transporter 1                                           | SLC5A7    |
| Q86VE3 | Spermidine/spermine N                                                        | SATL1     |
| Q8IXZ3 | Transcription factor Sp8                                                     | SP8       |
| Q9WS9S | SNARE-associated protein Snapin                                              | SNAPIN    |
| Q9Y336 | Sialic acid-binding lg-like lectin 9                                        | SIGLEC9   |
| Q95475 | Homeobox protein SIX6                                                        | SIX6      |
| Q96SB8 | Structural maintenance of chromosomes protein 6                             | SMC6      |
| Q9H3U7 | SPARC-related modular calcium-binding protein 2                              | SMOC2     |
| Q8NE7M | Transcription factor Spt20 homolog                                           | SUPT20H   |
| Q8IUH8 | Signal peptide peptidase-like 2C                                             | SPPL2C    |
| Q9Y448 | Small kinetochore-associated protein                                         | KNSTRN    |
| Q75563 | Src kinase-associated phosphoprotein 2                                      | SKAP2     |
| Q9Y5X3 | Sorting nexin-5                                                             | SNX5      |
| Q96KF7 | Small integral membrane protein                                              | SMIM8     |
| Q9BOQ15| SOSS complex subunit B1                                                      | NABP2     |
| Q5M08 | Sperm protein associated with the nucleus on the X chromosome N4            | SPANXN4   |
| Q72699 | Sprouty-related, EVH1 domain-containing protein 1                           | SPRED1    |
| Q86VZ5 | Phosphatidylcholine:ceramide cholinephosphotransferase 1                    | SGMS1     |
| P52788 | Spermine synthase                                                           | SMS       |
| Q6RD6 | Spermatogenesis-associated protein 8                                         | SPATA8    |
| Q7RTT5 | Protein SSX7                                                                | SSX7      |
| Q9BQZ2 | Testicular spindle-associated protein SHCBP1                                 | SHCBP1L   |
| Q15468 | SCL-interrupting locus protein                                               | STIL      |
| Q9NRFP7| Serine/threonine-protein kinase                                             | STK36     |
| P81777 | Single-stranded DNA-binding protein 2                                        | SSBP2     |
| Q9NQZ5 | STAR-related lipid transfer protein 7, mitochondrial                         | STARD7    |
| Q8NE9F | Serum response factor-binding protein 1                                     | SRFBP1    |
| Q9UNK0 | Syntaxin-8                                                                  | STX8      |
| Q1ZZU3 | DNA repair protein SWi5 homolog                                              | SWi5      |
| Q9HC57 | Pre-mRNA-splicing factor SYF1                                                | XAB2      |
| Q96BW9 | Phosphatidate cytidylyltransferase, mitochondrial                           | TAMM41    |
| Accession | Description                                      | Accession | Description                                      |
|-----------|--------------------------------------------------|-----------|--------------------------------------------------|
| P40200    | T-cell surface protein tactile                   | CD96      |                                                  |
| Q9BTW9    | Tubulin-specific chaperone D                     | TBCD      |                                                  |
| P56279    | T-cell leukemia/lymphoma protein 1A              | TCL1A     |                                                  |
| Q8IXH6    | Tumor protein p53-inducible nuclear protein 2    | TP53INP2  |                                                  |
| Q9BYX2    | TBC1 domain family member 2A                     | TBC1D2    |                                                  |
| P02786    | Transferrin receptor protein 1                   | TFRC      |                                                  |
| Q17RP2    | Trigger transposable element-derived protein 6   | TIGD6     |                                                  |
| Q8WW9     | Pancreatic progenitor cell differentiation and proliferation factor-like protein | PPDPFL | |
| Q02548    | Paired box protein Pax-5                         | PAX5      |                                                  |
| P68402    | Platelet-activating factor acetylhydrolase IB subunit alpha2 | PAFAH1B2 | |
| P78364    | Guanine and GTP-imibolated ornithin dinucleotide | PDC1      |                                                  |
| Q9Y233    | Putative POU domain, class 5, transcription factor 1B | POU5F1B | |
| Q06146    | Protein mono-ADP-ribosyltransferase PARP6        | PARP6     |                                                  |
| Q13519    | Prepronociceptin                                  | PNOC      |                                                  |
| P24666    | Low molecular weight phosphotyrosine protein phosphatase | ACP1 | |
| A0A0J9YX9 | Paraneoplastic antigen Ma6F                       | PNMA6F    |                                                  |
| Q1Z121    | Astrocytic phosphoprotein PEA-8/9/10             | PEA15     |                                                  |
| A8MT9     | Putative serine protease 47                      | PRSS47    |                                                  |
| P22891    | Vitamin K-dependent protein Z                     | PROZ      |                                                  |
| O75400    | Pre-mRNA-processing factor 40 homolog A          | PRPF40A   |                                                  |
| Q8NAV1    | Pre-mRNA-splicing factor 38A                     | PRPF38A   |                                                  |
| Q5WVM3    | PRAME family member 18                           | PRAMEF18  |                                                  |
| P50897    | Palmitoyl-protein thioesterase 1                 | PPT1      |                                                  |
| Q55WL8    | PRAME family member 19                           | PRAMEF19  |                                                  |
| P26022    | Pentraxin-related protein PTX3                   | PTX3      |                                                  |
| Q16769    | Glutamyl-peptide cyclotransferase                 | QPCT      |                                                  |
| Q99496    | E3 ubiquitin-protein ligase RING2                | RNF2      |                                                  |
| Q66U5     | Regulating synaptic membrane exocytosis protein 1 | RIMS1    |                                                  |
| P62906    | 60S ribosomal protein L10a                        | RPL10A    |                                                  |
| Q5XPI4    | E3 ubiquitin-protein ligase                      | RNF1L23   |                                                  |
| Q16540    | 39S ribosomal protein L23, mitochondrial          | MRPL23    |                                                  |
| Q96LZ7    | Regulator of microtubule dynamics protein 2      | RMDN2     |                                                  |
| P35H3     | Nuclear receptor ROR-alpha                       | RORA      |                                                  |
| Q26262    | Heterogeneous nuclear ribonucleoproteins A2/B1    | HNRNPA2B1 |                                                  |
| P19388    | DNA-directed RNA polymerases I, II, and III subunit RPABC1 | POLR2E | |
| P60153    | Inactive ribonuclease-like protein 9              | RNASE9    |                                                  |
| Q9POP0    | E3 ubiquitin-protein ligase                      | RNF181    |                                                  |
| Q14690    | Protein RRP5 homolog                             | PDCD11    |                                                  |
| Q5VT52    | Regulation of nuclear pre-mRNA domain-containing protein 2 | RPRD2 | |
| P62861    | 40S ribosomal protein S30                        | FAU       |                                                  |
| Q92S52    | 28S ribosomal protein S27, mitochondrial         | MRPS27    |                                                  |
| Q96EL2    | 28S ribosomal protein S24, mitochondrial         | MRPS24    |                                                  |
| Q81WB4    | Spermatogenesis-associated protein 31A7           | SPATA31A7 |                                                  |
| Q6ICL7    | Solute carrier family 35 member E4               | SLC35E4   |                                                  |
| Accession | Description                                                                 | Gene Name  |
|-----------|------------------------------------------------------------------------------|------------|
| Q9NSA0    | Solute carrier family 22 member 11                                           | SLC22A11   |
| Q9Y2Q9    | 28S ribosomal protein S28, mitochondrial                                       | MRPS28     |
| Q9NP94    | Zinc transporter ZIP2                                                         | SLC39A2    |
| Q6ZT89    | Solute carrier family 25 member 48                                             | SLC25A48   |
| P06703    | Protein S100-A6                                                               | S100A6     |
| Q9UNT1    | Rab-like protein 2B                                                           | RABL28     |
| Q96N88    | Retinol dehydrogenase 12                                                      | RDH12      |
| Q9Y5S9    | RNA-binding protein 8A                                                        | RBM8A      |
| P54725    | UV excision repair protein RAD23 homolog A                                     | RAD23A     |
| Q9HO17    | Ras-related protein Rab-17                                                    | RAB17      |
| P78653    | Double-stranded RNA-specific editase 1                                        | ADARB1     |
| Q96Q58    | Ras-related protein Rab-24                                                    | RAB24      |
| P62820    | Ras-related protein Rab-1A                                                    | RAB1A      |
| Q75943    | Cell cycle checkpoint protein RAD17                                            | RAD17      |
| Q9COH5    | Rho GTPase-activating protein 39                                               | ARHGAP39   |
| Q9BXF6    | Rab11 family-interacting protein 5                                             | RAB11FIP5  |
| O00287    | Regulatory factor X-associated protein                                         | RFXAP      |
| P49207    | 60S ribosomal protein L34                                                      | RPL34      |
| P62424    | 60S ribosomal protein L7a                                                      | RPL7A      |
| Q96EQ8    | E3 ubiquitin-protein ligase                                                   | RNF125     |
| Q96PX1    | E3 ubiquitin ligase KIF9                                                        | RNF157     |
| Q9NS64    | Protein reprimo                                                               | RPRM       |
| P12755    | Ski oncopogene                                                                | SKI        |
| Q14524    | Sodium channel protein type 5 subunit alpha                                    | SCN5A      |
| Q8WVM8    | Sec1 family domain-containing protein 1                                        | SCFD1      |
| Q8TDD2    | Transcription factor Sp7                                                       | SP7        |
| Q95721    | Synaptosomal-associated protein 29                                              | SNAP29     |
| Q86WD7    | Serpin A9                                                                     | SERPINA9   |
| O6IEG0    | U11/U12 small nuclear ribonucleoprotein 48 kDa protein                         | SNRNP48    |
| Q9Y675    | SNRPN upstream reading frame protein                                           | SNURF      |
| Q9NPC8    | Homeobox protein SIX2                                                          | SIX2       |
| Q43759    | Synaptogyrin-1                                                                | SYNGR1     |
| H3BMG3    | Small lysine-rich protein 1                                                    | SMKR1      |
| O15020    | Spectrin beta chain, non-erythrocytic 2                                       | SPTBN2     |
| A6NIY4    | Speedy protein E5                                                              | SPDYE5     |
| Q8NCC5    | Sugar phosphate exchanger 3                                                    | SLC37A3    |
| Q9BT81    | Transcription factor SOX-7                                                     | SOX7       |
| Q5UK2     | Spermatogenesis- and oogenesis-specific basic helix-loop-helix-containing protein | SOHLH1     |
| Q9BT56    | Spexin                                                                        | SPX        |
| O00267    | Transcription elongation factor SPT5                                            | SUPT5H     |
| Q96LK8    | Spermatogenesis-associated protein 32                                           | SPATA32    |
| Q11206    | CMP-N-acetylneuraminate-beta-galactosamide-alpha-2,3-sialyltransferase 4       | ST3GAL4    |
| P50226    | Sulfotransferase 1A2                                                           | SULT1A2    |
| Q0VAF6    | Syncollin                                                                     | SYCN       |
| O43166    | Signal-induced proliferation-associated 1-like protein 1                       | SIPA1L1    |
| P63165    | Small ubiquitin-related modifier 1                                              | SUMO1      |
| Q03952    | Nuclear transition protein 2                                                   | TNP2       |
| Q9Y5Y6    | Suppressor of tumorigenicity 14 protein                                         | ST14       |
| Accession | Description                                      | Entrez Gene ID |
|-----------|--------------------------------------------------|----------------|
| P0CL84    | Putative STAG3-like protein 2                    | STAG3L2        |
| Q04837    | Single-stranded DNA-binding protein, mitochondrial | SSBP1          |
| O94804    | Serine/threonine-protein kinase STK10            |                |
| A6NJG2    | Ankyrin repeat domain-containing protein SOWAHD  |                |
| Q92844    | TRAF family member-associated NF-kappa-B activator | TANK           |
| Q9NVR7    | TBCC domain-containing protein TBCCD1            |                |
| Q81BP0    | TBC1 domain family member 16 TBC1D16            |                |
| O60347    | TBC1 domain family member 12 TBC1D12            |                |
| A0AVI4    | E3 ubiquitin-protein ligase TM129 TMEM129        |                |
| P35625    | Metalloproteinase inhibitor 3 TIMP3              |                |
| Q96DX7    | Tripartite motif-containing protein 44 TRIM44    |                |
| Q9Y2L5    | Trafficking protein particle complex subunit 8 TRAPP C8 |            |
| Q9Y2S6    | Translation machinery-associated protein 7 TMA7  |                |
| Q7RTY8    | Transmembrane protease serine 7 TPMR5S7         |                |
| P50616    | Protein Tob1 TOB1                               |                |
| Q9H4I3    | TraB domain-containing protein TRABD             |                |
| Q7Z404    | Transmembrane channel-like protein 4 TMC4        |                |
| Q98UB7    | Transmembrane protein 70, mitochondrial TMEM70   |                |
| Q86X19    | Transmembrane protein 17 TMEM17                 |                |
| Q9ULS5    | Transmembrane and coiled-coil domain protein 3 TMCC3 |          |
| Q9Y210    | Short transient receptor potential channel 6 TRPC6 |            |
| Q14E04    | Thymosin beta-4, Y-chromosomal TMSB4Y            |                |
| P63313    | Thymosin beta-10 TMSB10                         |                |
| Q9Y4R7    | Tubulin monoglycylase TTL3 TTLL3                 |                |
| A6NH52    | Golgi apparatus membrane protein TVP23 homolog A TVP23A |        |
| Q14679    | Tubulin polyglutamylase TTL4 TTLL4              |                |
| P61088    | Ubiquitin-conjugating enzyme E2 UBE2N           |                |
| Q9UHF7    | Zinc finger transcription factor Tips1 TRPS1     |                |
| Q6SA08    | Testis-specific serine/threonine-protein kinase 4 TSSK4 |            |
| A0A0K0K1E9 | T cell receptor beta variable 7-7 TRBV7-7       |                |
| A0AVT1    | Ubiquitin-like modifier-activating enzyme 6 UBA6 |                |
| Q9Y529    | UbiA prenyltransferase domain-containing protein 1 UBIAD1 |            |
| Q53HI1    | Protein unc-50 homolog UNC50                    |                |
| Q96RU2    | Ubiquitin carboxyl-terminal hydrolase 28 USP28  |                |
| Q8IOX4    | Ubiquitin-conjugating enzyme E2 variant 3 UEVLD |                |
| P17948    | Vascular endothelial growth factor receptor 1 FLT1 |                |
| Q6UX71    | Plexin domain-containing protein 2 PLXDC2       |                |
| P43351    | DNA repair protein RAD52 homolog RAD52          |                |
| Q7Z419    | E3 ubiquitin-protein ligase RNF144B RNF144B     |                |
| Q02833    | Ras association domain-containing protein 7 RASSF7 |            |
| Q15109    | Advanced glycosylation end product-specific receptor AGER |         |
| P78332    | RNA-binding protein 6 RBM6                      |                |
| Q6XE24    | RNA-binding motif, single-stranded-interacting protein 3 RBMS3 |        |
| Accession | Protein Name                                                                 | Gene Symbol |
|-----------|------------------------------------------------------------------------------|-------------|
| Q9UBG7    | Recombining binding protein suppressor of hairless-like protein               | RBPJL       |
| P91879    | RNA-binding protein 3                                                        | RBM3        |
| Q99666    | RANBP2-like and GRIP domain-containing protein 5/6                           | RGDP5       |
| Q86X27    | Ras-specific guanine nucleotide-releasing factor RalGPS2                     | RALGPS2     |
| Q00243    | Protein ripply1                                                              | RIPPLY1     |
| Q94844    | Rho-related BTB domain-containing protein 1                                  | RHOBT1      |
| Q43251    | RNA binding protein fox-1 homolog 2                                          | RBFOX2      |
| Q98BQY4   | Rhox homeobox family member 2                                                | RHOXF2      |
| Q88Y9P3   | Ras and Rab interactor 2                                                      | RIN2        |
| Q9H6W3    | Ribosomal oxygenase 1                                                        | RIOX1       |
| Q4U2R6    | 39S ribosomal protein L51, mitochondrial                                     | MRPL51      |
| Q8TEU7    | Rap guanine nucleotide exchange factor 6                                      | RAPGEF6     |
| Q8TA86    | Retinitis pigmentosa 9 protein                                               | RP9         |
| P04843    | Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 1     | RPN1        |
| Q9H10X6   | RING finger protein 208                                                      | RNF208      |
| M0O2C1    | RING finger protein 225                                                       | RNF225      |
| Q14108    | Lysoisome membrane protein 2                                                 | SCARB2      |
| Q95104    | SR-related and CTD-associated factor 4                                        | SCAF4       |
| Q86WU79   | Stromal membrane-associated protein 2                                         | SMAP2       |
| Q9Y6J3    | SMAD5 antisense gene protein 1                                                | SMAD5-AS1   |
| P0CG40    | Transcription factor Sp9                                                     | SP9         |
| Q8ND04    | Protein SMG8                                                                 | SMG8        |
| Q86UD5    | Sodium/hydrogen exchanger 9B2                                                | SLC9B2      |
| Q13596    | Sorting nexin-1                                                             | SNX1        |
| Q96H20    | Vacular-sorting protein 5NF8                                                 | SNF8        |
| Q86VW1    | Src kinase-associated phosphoprotein 1                                       | SKAP1       |
| Q9UMB8    | Spermatogenesis-associated protein 2                                         | SPATA2      |
| Q9H254    | Spectrin beta chain, non-erythrocytic 4                                      | SPTBN4      |
| Q86WVK    | Spindel and kinetochore-associated protein 2                                 | SKA2        |
| Q61A17    | Single Ig IL-1--related receptor                                             | SIGIRR      |
| A6NEL4    | Small integral membrane protein 23                                          | SMIM23      |
| G3V0H7    | Putative solute carrier organic anion transporter family member 1B7          | SLCO1B7     |
| Q75264    | Small integral membrane protein 24                                           | SMIM24      |
| Q92925    | SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily D member 2 | SMARCD2 |
| Q96I25    | Splicing factor 45                                                           | RBM17       |
| Q16384    | Protein SSX1                                                                 | SSX1        |
| P42229    | Signal transducer and activator of transcription 5A                          | STAT5A      |
| Q13188    | Serine/threonine-protein kinase 3                                            | STK3        |
| Q94901    | SUN domain-containing protein 1                                              | SUN1        |
| Q9ULZ2    | Signal-transducing adaptor protein 1                                         | STAP1       |
| Q6NTX6    | Transmembrane anterior posterior transformation protein 1 homolog           | TAPTI       |
| Q69Y22    | Transmembrane protein 2008                                                   | TMEM2008    |
| Accession | Description                                  |
|-----------|----------------------------------------------|
| Q9NYW2    | Taste receptor type 2 member 8               |
| Q99576    | TSC22 domain family protein 3               |
| Q6NH4     | Protein SY51 homolog                       |
| P19923    | Transcription factor E2-alpha               |
| Q991G1    | Transmembrane protein 150A                  |
| Q99Q16    | Testican-3                                  |
| Q96145    | Transmembrane protein 141                   |
| Q98TD3    | Transmembrane protein 121                   |
| O14746    | Telomerase reverse transcriptase             |
| P05452    | Tetramers                                  |
| Q72221    | Treslin                                     |
| A0A0I9YWX3| T cell receptor beta joining 1-6             |
| Q99BT5    | Testis-expressed protein 15                 |
| A0A0AM47  | T cell receptor beta joining 2-2             |
| A0A0AM48  | T cell receptor beta joining 2-7             |
| Q86N64    | Transmembrane protein 251                   |
| Q96SX3    | Tubulin epsilon and delta complex protein 1 |
| Q9Y2W6    | Tudor and KH domain-containing protein       |
| Q98X74    | TM2 domain-containing protein 1              |
| Q98SK2    | Transmembrane protein 209                   |
| P28347    | Transcriptional enhancer factor TEF-1       |
| Q14656    | Transmembrane protein 187                   |
| Q7L0Y3    | tRNA methyltransferase 10 homolog C         |
| P01137    | Transforming growth factor beta-1 proprotein|
| Q9C035    | Tripartite motif-containing protein 5        |
| P20396    | Pro-thyrotropin-releasing hormone            |
| Q6ZTA4    | Tripartite motif-containing protein 67       |
| O14656    | Torsin-1A                                   |
| Q495X7    | Tripartite motif-containing protein 60       |
| A0A572    | T cell receptor variable 4-1                |
| A0A5B4T24 | T cell receptor alpha variable 12-1          |
| A0A0Y7WS59| T cell receptor alpha variable 30            |
| Q95801    | Tetra-riptide repeat protein 4              |
| A0A0Y7X0K7| Probable non-functional T cell receptor beta variable 17 |
| Q712K3    | Ubiquitin-conjugating enzyme E2 R2          |
| P68036    | Ubiquitin-conjugating enzyme E2 L3          |
| Q96HA8    | Protein N-terminal glutamine amidohydrolase |
| Q6NGA1    | Olfactory receptor 1M1                      |
| Q8TB5F7   | Phosphatidylinositol-glycan biosynthesis class X protein |
| Q5H8A4    | GPI ethanolamine phosphate transferase 2     |
| Q86TB9    | Protein PAT1 homolog 1                      |
| Q99947    | Parkinson disease protein 7                 |
| O15056    | Period circadian protein homolog 2          |
| Q6NSJ2    | Pleckstrin homology-like domain family B member 3 |
| P18669    | Phosphoglycerate mutase                     |
| Q9UW2     | Plexin-A1                                   |
| P62937    | Peptidyl-prolyl cis-trans isomerase A        |
| Accession | Description |
|-----------|-------------|
| Q13356    | RING-type E3 ubiquitin-protein ligase PPIL2 |
| Q99541    | Serine/threonine-protein phosphatase 2A catalytic subunit beta isoform |
| Q99959    | Phospholipase B1, membrane-associated |
| O6LW63    | Pleckstrin homology domain-containing family A member 2 |
| Q9NR6     | Pleckstrin homology domain-containing family A member 3 |
| Q9N131    | Porimin |
| P62714    | Membrane-associated phosphatidylinositol transfer protein 2 |
| Q99935    | Opiorchin prepropeptide |
| P28062    | Proteosome subunit beta type-8 |
| POC7W0    | Proline-rich protein 29 |
| O60831    | PRA1 family protein 2 |
| O95685    | Protein phosphatase 1 regulatory subunit 3D |
| Q04118    | Basic salivary proline-rich protein |
| P30041    | Peroxiredoxin-6 |
| P30048    | Thioredoxin-dependent peroxide reductase, mitochondrial |
| P07737    | Profilin-1 |
| P41222    | Prostaglandin-H2 D-isomerase |
| O14522    | Receptor-type tyrosine-protein phosphatase T |
| Q9BT73    | Proteasome assembly chaperone 3 |
| P55036    | 26S proteasome non-ATPase regulatory subunit 4 |
| Q15397    | Pumilio homolog 3 |
| B2RC85    | Radial spoke head 10 homolog B2 |
| P62651    | 40S ribosomal protein S25 |
| Q9BUD6    | Spondin-2 |
| P0DMW5    | Small integral membrane protein 10-like protein 2B |
| A2RU48    | Single-pass membrane and coiled-coil domain-containing protein 3 |
| Q9NPD5    | Solute carrier organic anion transporter family member 1B3 |
| H3BR10    | Small leucine-rich protein 1 |
| Q13573    | SNW domain-containing protein |
| A0A5F92H02| Small integral membrane protein 42 |
| P0UD2     | Putative speedy protein E17 |
| Q966P3    | Serpin B12 |
| Q9HCE7    | E3 ubiquitin-protein ligase SMURF1 |
| P17947    | Transcription factor PU.1 |
| P48436    | Transcription factor SOX-9 |
| Q8NHX4    | Spermatogenesis-associated protein 3 |
| Q8N7U7    | Tetra-peptide repeat homeobox protein 1 |
| P0DMM9    | Sulfo transferase 1A3 |
| Q13043    | Serine/threonine-protein kinase 4 |
| Q9PP6     | STAR-related lipid transfer protein 9 |
| A0A0B4I27 | T cell receptor alpha variable 12-3 |
| Accession  | Description                                                                 |
|------------|-----------------------------------------------------------------------------|
| Q8N300     | Small vasohibin-binding protein SVBP                                         |
| P07814     | Bifunctional glutamate/proline--tRNA ligase EPRS1                            |
| Q9Y4P3     | Transducin beta-like protein 2 TBL2                                         |
| Q9HAU6     | Putative translationally-controlled tumor protein-like protein TPT1P8 TM4SF4 |
| P48230     | Transmembrane 4 L6 family member 4                                          |
| Q9Y242     | Transcription factor 19 TCF19                                               |
| Q8N9U0     | Tandem C2 domains nuclear protein TC2N                                        |
| Q9BSH4     | Translational activator of cytochrome c oxidase 1 TACO1                      |
| Q03518     | Antigen peptide transporter 1 TAP1                                          |
| P52657     | Transcription initiation factor IIA subunit 2 GTF2A2                         |
| Q9BSW7     | Synaptotagmin-17 SYT17                                                       |
| Q14186     | Transcription factor Dp-1 TFDPI                                              |
| Q43151     | Methylcytosine dioxygenase TET3 TET3                                         |
| A0A1B0GJU3 | Testis-expressed protein 53 TEX53                                           |
| O95411     | TGFBI-induced anti-apoptotic factor 1 TIAF1                                   |
| Q15569     | Dual specificity testis-specific protein kinase 1 TESK1                      |
| A0A0J9YXM7 | T cell receptor beta joining 1-5 TRB1-5                                      |
| Q08629     | Testican-1 SPOCK1                                                           |
| Q9BXJ0     | Testis-expressed protein 12 TEX12                                           |
| Q96UJ9     | Tachykinin-4 TAC4                                                          |
| A0A0A0MT   | T cell receptor beta joining 2-1 TRBJ2-1                                     |
| Q9BU70     | IRNA TRMO                                                                   |
| I1YAP6     | Tripartite motif-containing protein 77 TRIM77                                 |
| Q6NT89     | TMF-regulated nuclear protein 1 TRNP1                                        |
| Q629K1     | Triple QxxK/R motif-containing protein TRIQK                                  |
| O14717     | IRNA TRDMT1                                                                 |
| Q63HR2     | Tensin-2 TNS2                                                               |
| Q9NYL9     | Tropomodulin-3 TMOD3                                                        |
| Q12886     | TP53-binding protein 1 TP53BP1                                              |
| P19075     | Tetraspanin-8 TSPAN8                                                        |
| B1AH88     | Putative peripheral benzodiazepine receptor-related protein TSPO             |
| P35443     | Thrombospondin-4 THBS4                                                      |
| O75694     | Nuclear pore complex protein Nup155 NUP155                                   |
| Q7Z3S9     | Notch homolog 2 N-terminal-like protein A NOTCH2NL A                         |
| Q8NGY2     | Olfactory receptor 6K2 OR6K2                                                 |
| Q99222     | Olfactory receptor 6A2 OR6A2                                                 |
| Q7Z3T1     | Olfactory receptor 2W3 OR2W3                                                 |
| Q5UE93     | Phosphoinositide 3-kinase regulatory subunit 6 PIK3R6                        |
| Q9Y5Y5     | Peroxisomal membrane protein PEX16 PEX16                                     |
| Q8N2H9     | E3 ubiquitin-protein ligase pellino homolog 3 PELI3                         |
| Q6PEW0     | Inactive serine protease 54 PRSS54                                          |
| Q5FWE3     | Proline-rich transmembrane protein 3 PRRT3                                   |
| Q5SWA1     | Protein phosphatase 1 regulatory subunit 15B PPP1R15B                       |
| Q00888     | Pregnancy-specific beta-1-glycoprotein 4 PSG4                               |
| P11465     | Pregnancy-specific beta-1-glycoprotein 2 PSG2                               |
| Accession | Description                                                                 | Identifier |
|-----------|------------------------------------------------------------------------------|------------|
| Q92932    | Receptor-type tyrosine-protein phosphatase N2                                 | PTPRN2     |
| P23396    | 40S ribosomal protein S3                                                      | RPS3       |
| P62701    | 40S ribosomal protein S4, X isoform                                           | RPS4X      |
| Q96DW6    | Mitochondrial glycine transporter                                             | SLC25A38   |
| Q6Q0C1    | Solute carrier family 25 member 47                                            | SLC25A47   |
| Q96NU1    | Sterile alpha motif domain-containing protein 11                              | SAMD11     |
| Q8iZD0    | Sterile alpha motif domain-containing protein 14                              | SAMD14     |
| P35542    | Serum amyloid A-4 protein                                                     | SAA4       |
| Q86WA9    | Sodium-independent sulfate anion transporter                                  | SLC26A11   |
| Q8WXG8    | Protein S100-Z                                                                | S100Z      |
| Q5H9E4    | Solute carrier family 25 member 53                                             | SLC25A53   |
| A6NNN8    | Putative sodium-coupled neutral amino acid transporter 8                      | SLC38A8    |
| O43868    | Sodium/nucleoside cotransporter 2                                             | SLC28A2    |
| P29034    | Protein S100-A2                                                               | S100A2     |
| Q9UMX9    | Membrane-associated transporter protein                                        | SLC45A2    |
| Q9Y3I0    | RNA-splicing ligase RtcB homolog                                              | RTCB       |
| Q6U841    | Sodium-driven chloride bicarbonate exchanger                                 | SLC4A10    |
| Q9NZ71    | Regulator of telomere elongation helicase 1                                   | RTEL1      |
| Q9COA6    | Histone-lysine N-methyltransferase SETD5                                      | SETD5      |
| Q9NV0D3   | SET domain-containing protein 4                                                | SETD4      |
| O14796    | SH2 domain-containing protein SH2D1B                                           | SH2D1B     |
| Q9HB31    | Homeobox protein SEBOX                                                        | SEBOX      |
| Q72459    | SH2 domain-containing protein 6                                               | SH2D6      |
| P18827    | Syndecan-1                                                                   | SDC1       |
| Q9NVU7    | Protein SDA1 homolog                                                          | SDA1D      |
| P09683    | Secretin                                                                     | SCT        |
| O15047    | Histone-lysine N-methyltransferase SETD1A                                     | SETD1A     |
| P31431    | Syndecan-4                                                                   | SDC4       |
| Q9HR4B    | Serine hydrolase-like protein 2                                               | SERHL2     |
| Q75326    | Semaphorin-7A                                                                | SEMA7A     |
| Q8NY4    | Semaphorin-6D                                                                | SEMA6D     |
| Q9H3T3    | Semaphorin-6B                                                                | SEMA6B     |
| O43175    | D-3-phosphoglycerate dehydrogenase                                           | PHGDH      |
| Q62VN7    | Putative protein SEM1, isoform 2                                             | SEM1       |
| Q9NRX5    | Serine incorporator 1                                                         | SERINC1    |
| Q9H4L4    | Serin-specific protease 3                                                     | SENP3      |
| Q99884    | Sodium-dependent proline transporter                                          | SLC6A7     |
| Q9Y289    | Sodium-dependent multivitamin transporter                                     | SLC5A6     |
| Q96H0     | Serin-specific protease 5                                                     | SENP5      |
| Q96SA4    | Serine incorporator 2                                                         | SERINC2    |
| Q9U1J3    | Sodium channel protein type 11 subunit alpha                                  | SCN11A     |
| Q9Y5K1    | Meiotic recombination protein SPO11                                            | SPO11      |
| Q96EX1    | Small integral membrane protein 12                                            | SMIM12     |
| Q969T3    | Sorting nexin-21                                                             | SNX21      |
| Q42J4     | Sodium/hydrogen exchanger 9B1                                                 | SLC9B1     |
| Q8TEV8    | Smith-Magenis syndrome chromosomal region candidate gene 5 protein           | SMCR5      |
| Accession  | Description                                           | P00491 | P49848 | Q14493 | Q2673 | Q00570 | Q01466 | Q09246 | E0CX11 | P09430 | Q08IU6 | Q2674 | Q0430 | Q08IU6 | P58753 | Q62NM6 | Q511C6 | Q12789 | Q47974 | Q3Y452 | A6NG87 | Q6NUQ4 | Q14142 | Q12899 | Q98ZR9 | Q96PN7 | A6NG86 | Q8NDV7 | Q8N584 | Q62MV5 | Q96C36 | Q86T03 | P00491 |
|------------|-------------------------------------------------------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|-------|-------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| A0A1B0GW54 | Small integral membrane protein 39                   |        |        |        |       |        |        |        |        |        |        |       |       |        |        |        |       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Accession | Description                                                                 | Ensembl ID |
|-----------|------------------------------------------------------------------------------|------------|
| O75170    | Serine/threonine-protein phosphatase 6 regulatory subunit 2                  | PPP6R2     |
| Q9NR7Y    | Phospholipid scrambse 2                                                      | PLSCR2     |
| Q9H8P0    | Polyprenol reductase                                                         | SRD5A3     |
| Q98ZL4    | Protein phosphatase 1 regulatory subunit 12C                                 | PPP1R12C   |
| A1L390    | Pleckstrin homology domain-containing family G member 3                      | PLEKHG3    |
| Q96S79    | Ras-like protein family member 10B                                           | RASL10B    |
| P22090    | 40S ribosomal protein S4, Y isoform 1                                        | RPS4Y1     |
| Q96G79    | Probable UDP-sugar transporter protein SLC35A4                               | SLC35A4    |
| Q8TBE7    | Solute carrier family 35 member G2                                           | SLC35G2    |
| Q96BI1    | Solute carrier family 22 member 18                                           | SLC22A18   |
| P17900    | Gangioside GM2 activator                                                     | GM2A       |
| P58809    | Succinyl-CoA:3-ketoacld coenzyme A transferase 1, mitochondrial             | OXCT1      |
| Q8IWX5    | Sphingosine-1-phosphate phosphatase 2                                        | SGPP2      |
| P59797    | Selenoprotein V                                                              | SELENOV    |
| A6N088    | Putative SAGE1-like protein                                                  | SAGE2P     |
| Q15436    | Protein transport protein Sec23A                                             | SEC23A     |
| Q86SQ7    | Serologically defined colon cancer antigen 8                                | SDCCAG8    |
| Q94855    | Protein transport protein Sec24D                                              | SEC24D     |
| P13866    | Sodium/glucose cotransporter 1                                               | SLC5A1     |
| Q9NQ03    | Transcriptional repressor scratch 2                                          | SCRT2      |
| Q9NQ36    | Signal peptide, CUB and EGF-like domain-containing protein 2                | SCUBE2     |
| Q8IVN8    | Somatomedin-B and thrombospondin type-1 domain-containing protein           | SBSPON     |
| Q9SF0     | Small membrane A-kinase anchor protein                                        | C20RF88    |
| Q9Y343    | Sorting nexin-24                                                            | SNX24      |
| P51531    | Probable global transcription activator SNF2L2                               | SMARCA2    |
| O43791    | Speckle-type POZ protein                                                     | SPPOP      |
| Q8NEY3    | Spermatogenesis-associated protein 4                                          | SPATA4     |
| P81133    | Single-minded homolog 1                                                      | SIM1       |
| Q7Z3BO    | Small integral membrane protein 15                                           | SMIM15     |
| Q9UNH6    | Sorting nexin-7                                                             | SNX7       |
| Q9RAO0    | Sphingosine kinase 2                                                         | SPHK2      |
| Q8IYM2    | Schlafen family member 12                                                     | SLFN12     |
| Q6UD68    | Kunitz-type protease inhibitor 4                                              | SPINT4     |
| O43278    | Kunitz-type protease inhibitor 1                                              | SPINT1     |
| Q6N5J4    | Transcription factor Spi-C                                                   | SPI        |
| Q9NX6L    | SID1 transmembrane family member 1                                           | SIDT1      |
| Q16842    | CMP-N-acetyleneuraminate-beta-galactosamide-alpha-2,3-sialyltransferase 2   | ST3GAL2    |
| Q985E5    | Agmatinase, mitochondrial                                                    | AGMAT      |
| Q9NSN8    | Gamma-1-syntrophin                                                           | SNTG1      |
| Q6VE6V    | Small ubiquitin-related modifier 4                                            | SUMO4      |
| O75486    | Transcription initiation protein SPT3 homolog                               | SUPT3H     |
| A2RUT3    | Transmembrane protein 89                                                     | TMEM89     |
| Q8N219    | Serine/threonine-protein kinase                                              | STK40      |
| Q8N3U4    | Cohesin subunit SA-2                                                         | STA02      |
| Accession | Description | Accession | Description |
|-----------|-------------|-----------|-------------|
| O95210    | Starch-binding domain-containing protein 1 | STBD1     |             |
| Q8WM7     | Cohesin subunit 5A-1 | STAG1     |             |
| P51649    | Succinate-semialdehyde dehydrogenase, mitochondrial | ALDH5A1   |             |
| Q92YK9    | Syntaxin-binding protein 5-like | STXB5L    |             |
| A6NG80    | Transmembrane protein 191C | TMEM191C |             |
| Q15572    | TATA box-binding protein-associated factor RNA polymerase I subunit C | TAF1C |             |
| Q9UGM6    | Tryptophan--tRNA ligase, mitochondrial | WARS2 |             |
| P40227    | T-complex protein 1 subunit zeta | CTCG6A   |             |
| Q725A7    | Chemokine-like protein TAF-5 | TAF5     |             |
| Q9NVA4    | Transmembrane protein 184C | TMEM184C |             |
| Q5BHJ2    | Transmembrane protein 128 | TMEM128  |             |
| Q517P6    | Synaptotagmin-6 | SYF6 |             |
| P3DPH8    | Tubulin alpha-3D chain | TUBA3D  |             |
| Q96M34    | Testis-specific expressed protein 55 | TEX55 |             |
| Q01085    | Nucleolysin TIA | TIAL1 |             |
| P10827    | Thyroid hormone receptor alpha | THR4 |             |
| Q71RH2    | Ceramide synthase | TLCOD3B |             |
| Q81WB9    | Testis-expressed protein 2 | TEX2 |             |
| Q89897    | Tolloid-like protein 1 | TLL1 |             |
| AOP3W6    | Transmembrane protein 223 | TMEM223 |             |
| Q6CL0    | Transmembrane protein 211 | TMEM211 |             |
| Q9H1E5    | Thioredoxin-related transmembrane protein 4 | TMX4 |             |
| Q9C0Z9    | E3 ubiquitin-protein ligase TRIM7 | TRIM7 |             |
| Q9N2S4    | Transmembrane protease serine 4 | TMPRSS4 |             |
| O00220    | Tumor necrosis factor receptor superfamily member 10A | TNFRSF10A |             |
| Q15633    | RISC-loading complex subunit TARBP2 | TARBP2 |             |
| A0A075B6T6 | T cell receptor alpha variable 12-2 | TRAV12-2 |             |
| A0A075B6T7 | T cell receptor alpha variable 6 | TRAV6 |             |
| A0A0J9YXY | T cell receptor beta variable 6-2 | TRBV6-2 |             |
| Q75841    | Uropoiklin-1β | UPK1B |             |
| Q86UP9    | LHFPL tetraspan subfamily member 3 protein | LHFPL3 |             |
| P01601    | Immunoglobulin kappa variable 1D-16 | IGKV1D-16 |             |
| Q9H1Y3    | Opsin-3 | OPN3 |             |
| P39053    | Olfactory receptor 1E1 | OR1E1 |             |
| Q8NGR5    | Olfactory receptor 1L4 | OR1L4 |             |
| Q8NE18    | Putative methyltransferase NSUN7 | NSUN7 |             |
| Q8NGP2    | Olfactory receptor 8J1 | OR8J1 |             |
| Q8NGT5    | Olfactory receptor 9A2 | OR9A2 |             |
| Q8NH01    | Olfactory receptor 2T11 | OR2T11 |             |
| Q9H207    | Olfactory receptor 10A5 | OR10A5 |             |
| Q8HN5    | Olfactory receptor 1E24 | OR1E24 |             |
| Q93386    | P2X purinoreceptor 5 | P2RX5 |             |
| Q8NG12    | Olfactory receptor 52H1 | OR52H1 |             |
| A6NDL8    | Olfactory receptor 6C68 | OR6C68 |             |
| Q8NG56    | Olfactory receptor 13C3 | OR13C3 |             |
| Q8NG11    | Putative olfactory receptor 56B2 | OR56B2P |             |
| Q17RF5    | Odontogenesis associated phosphoprotein | ODAPH |             |
| Q9BX85    | Oxysterol-binding protein-related protein 10 | OSBPL10 |             |
| Q9BZ8F1   | Oxysterol-binding protein-related protein 8 | OSBPL8 |             |
| Q96R54    | Olfactory receptor 14A2 | OR14A2 |             |
| Q98QT8    | Mitochondrial 2-oxodicarboxylate carrier | SLC25A21 |             |
| A0A2R8Y4Y8 | Oocyte-secreted protein 4B | OOSP4B |             |
| Accession | Name                                      | Description                                      |
|-----------|-------------------------------------------|--------------------------------------------------|
| Q9H158    | Protocadherin alpha-C1                    | PCDHAC1                                          |
| Q9Y2B2    | N-acetylgalcosamino-phosphatidylinositol de-N-acetylase | PIGL |
| Q92968    | Peroxisomal membrane protein               | PEX13                                            |
| P43116    | Prostaglandin E2 receptor EP2 subtype      | PTGER2                                           |
| Q8NEN9    | PDZ domain-containing protein 8            | PDZD8                                            |
| Q8NW84    | Omega-hydroxyeracamide transacylase        | PNPLA1                                           |
| P62333    | 26S proteasome regulatory subunit 10B      | PSMC6                                            |
| Q16378    | Proline-rich protein 4                     | PRR4                                              |
| P23942    | Peripherin-2                               | PRPH2                                            |
| O43395    | U4/U6 small nuclear ribonucleoprotein Prp3 | PRPF3                                            |
| O75864    | Protein phosphatase 1 regulatory subunit 37 | PPP1R37                                          |
| Q53Z7     | Proline-rich protein 30                    | PRR30                                            |
| Q99952    | Tyrosine-protein phosphatase non-receptor type 18 | PTPN18                                            |
| O9MP3     | RAD51-associated protein 2                 | RAD51AP2                                         |
| P05451    | Lithostathine-1-alpha                      | REG1A                                            |
| P51151    | Ras-related protein Rab-9A                | RAB9A                                            |
| Q8WUD1    | Ras-related protein Rab-2B                | RAB2B                                            |
| Q9NTZ6    | RNA-binding protein 12                    | RBM12                                            |
| P49798    | Regulator of G-protein signaling 4        | RGS4                                             |
| P18577    | Blood group Rh                            | RHCE                                             |
| Q8HWS3    | DNA-binding protein RFX6                  | RFX6                                             |
| Q94810    | Regulator of G-protein signaling 11       | RGS11                                            |
| Q14593    | DNA-binding protein RFXANK                 | RFXANK                                           |
| Q9H9A7    | RecQ-mediated genome instability protein 1 | RM11                                             |
| P02814    | Submaxillary gland androgen-regulated protein 3B | SMR3B                                             |
| Q8IVW8    | Protein spinster homolog 2                | SPNS2                                            |
| Q9Y3P8    | Signaling threshold-regulating transmembrane adapter 1 | SIT1 |
| Q8NO23    | Spindle and centriole-associated protein 1 | SPICE1                                            |
| Q96NO6    | Spermatogenesis-associated protein 33      | SPATA33                                          |
| Q9NR45    | Sialic acid synthase                      | NANS                                             |
| Q8IT72    | Protein Shroom3                           | SHROOM3                                          |
| Q9UHJ6    | Sedoheptulokinase                         | SHPK                                             |
| Q9NQ25    | SLAM family member 7                      | SLAMF7                                           |
| Q13425    | Beta-2-syntrophin                         | SNTB2                                            |
| Q9UBY0    | Sodium/hydrogen exchanger 2               | SLC9A2                                           |
| O60284    | Suppression of tumorigenicity 18 protein   | ST18                                             |
| Q9UE5     | Serine/threonine-protein kinase 17A        | STK17A                                           |
| Q9BVH7    | Alpha-N-acetylgalactosaminide alpha-2.6-sialytransferase 5 | ST6GALNA C5 |
| Q9Y365    | START domain-containing protein 10         | STARD10                                          |
| P0CL83    | Putative STAG3-like protein 1              | STAG3L1                                          |
| P27105    | Stomatin                                  | STOM                                             |
| P31948    | Stress-induced-phosphoprotein 2           | STIP1                                            |
| O75494    | Serine/arginine-rich splicing factor 10    | SRSF10                                           |
| Q5VZP5    | Serine/threonine/tyrosine-interacting-like protein 2 | STYXL2 |
| Q13428    | Treacle protein                           | TCOF1                                            |
| A2RTX5    | Threonine--tRNA ligase 2, cytoplasmic      | TARS3                                            |
| O8N9I0    | Synaptotagmin-2                           | SYT2                                             |
| Uniprot ID | Gene Name |
|-----------|-----------|
| Q8WUA7    | TBC1 domain family member 22A (TBC1D22A) |
| Q9NVY9    | T cell receptor beta chain MC7.G5 (TRB) |
| Q9C026    | Transmembrane emp24 domain-containing protein 9 (TME9) |
| Q9BVK6    | Tumor necrosis factor receptor superfamily member 10D (TNFRSF10D) |
| Q8NH5     | Mitochondrial import receptor subunit TOM5 homolog (TOMM5) |
| Q62UK4    | Transmembrane protein 26 (TMEM26) |
| A0A0J8YY5 | Testis-expressed protein 13D (TEX13D) |
| Q5T920    | Transmembrane epididymal protein 1 (TEEDM1) |
| Q5TGY1    | Transmembrane and coiled-coil domain-containing protein 4 (TMCO4) |
| P11388    | DNA topoisomerase 2-alpha (TOP2A) |
| Q9P2J2    | Protein turtle homolog A (IGSF9) |
| Q6PID6    | Tetrameric peptide repeat protein 33 (TTC33) |
| Q96AY4    | Tetrameric peptide repeat protein 28 (TTC28) |
| Q9B59      | Tetraspanin-12 (TSPAN12) |
| Q96B01    | RAD51-associated protein 1 (RAD51AP1) |
| P0C7P2    | Putative protein RFPL3S (RFPL3S) |
| O60673    | DNA polymerase zeta catalytic subunit (REV3L) |
| Q52LD8    | Rafflin-2 (RFTN2) |
| Q9HB90    | Ras-related GTP-binding protein C (RRAGC) |
| Q9H1N7    | Adenosine 3'-phospho 5'-phosphosulfate transporter 2 (SLC35B3) |
| Q5VVP1    | Spermatogenesis-associated protein 31A6 (SPATA31A6) |
| Q8UX6     | Solute carrier family 35 member 35 member (SLC35F2) |
| P48443    | Retinoic acid receptor RXR-gamma (RXRG) |
| Q6YBO5    | Proton-coupled amino acid transporter 4 (SLC36A4) |
| Q92777    | Synapsin-2 (SYN2) |
| Q95197    | Reticulon-3 (RTN3) |
| Q6P87     | Mitochondrial mRNA pseudouridine synthase RPUSD3 (RPUSD3) |
| Q75995    | SAM and SH3 domain-containing protein 3 (SASH3) |
| P09234    | U1 small nuclear ribonucleoprotein C (SNRNP) |
| Q9NX18    | Succinate dehydrogenase assembly factor 2, mitochondrial (SDHAF2) |
| Q9NUL5    | Shiftless antiviral inhibitor of ribosomal frameshifting protein (SHFL) |
| P02743    | Serum amyloid P-component (APCS) |
| Q16585    | Beta-sarcoglycan (SGCB) |
| Q81BC3    | SH3KBP1-binding protein 1 (SHKBP1) |
| Q9UPN6    | SR-related and CTD-associated factor 8 (SCAF8) |
| Q9NUN6    | SPATS2-like protein (SPATS2L) |
| Q6A14     | Sodium/hydrogen exchanger 4 (SLC9A4) |
| Q9NY99    | Gamma-2-syntrophin (SNTG2) |
| Q07617    | Sperm-associated antigen 1 (SPAG1) |
| Q96KW9    | Sperm acrosome-associated protein 7 (SPACA7) |
| Q8WV41    | Sorting nexin-33 (SNX33) |
| Q6P435    | Putative uncharacterized SMG1-like protein (SMG1) |
| Q99717    | Mothers against decapentaplegic homolog 5 (SMAD5) |
| P08047    | Transcription factor Sp1 (SP1) |
| Q9UNH7    | Sorting nexin-6 (SNX6) |
| Accession | Description |
|-----------|-------------|
| Q15477    | Helicase SK12W | SKIV2L |
| Q14512    | Suppressor of cytokine signaling 7 | SOCS7 |
| P01242    | Growth hormone variant | GH2 |
| Q495Y6    | Speedy protein E2 | SPDYE2 |
| Q14515    | SPARC-like protein 1 | SPARCL1 |
| Q99651    | Transcription factor SOX-21 | SOX21 |
| Q8NFV5    | Speedy protein E1 | SPDYE1 |
| Q5TFQ8    | Signal-regulatory protein beta-1 isoform 3 | SIRPB1 |
| Q9Y657    | Spindlin-1 | SPIN1 |
| Q9P0Z9    | Peroxisomal sarcosine oxidase | PIPOX |
| Q9Y6H5    | Synphilin-1 | SNCAIP |
| Q98Q61    | SMCS-SMC6 complex localization factor protein 1 | SLF1 |
| Q13796    | Protein Shroom2 | SHROOM2 |
| Q9BUA3    | Spindlin interactor and repressor of chromatin-binding protein | SPINDOC |
| Q8NBV1    | Protein STPG4 | STPG4 |
| Q9BX79    | Receptor for retinol uptake STRA6 | STRA6 |
| Q9UBS9    | SUN domain-containing ossification factor | SUCO |
| Q75886    | Signal transducing adapter molecule 2 | STAM2 |
| Q9NUL3    | Double-stranded RNA-binding protein Staufen homolog 2 | STAU2 |
| A0A0J9YWL9 | Putative testis-expressed protein 13C | TEX13C |
| Q9UPE1    | SRSF-protein kinase 3 | SRPK3 |
| P0CV99    | Testis-specific Y-encoded protein 4 | TSPY4 |
| Q16623    | Syntaxin-1A | STX1A |
| Q9Y5MB8   | Signal recognition particle receptor subunit beta | SRPRB |
| Q6ZVD7    | Starkhead-box protein 1 | STOX1 |
| Q6ULW2    | Sushi domain-containing protein | SUSD1 |
| Q9UG14    | Sushi domain-containing protein | SUSD2 |
| Q96L08    | Sushi domain-containing protein | SUSD3 |
| Q9G7T4    | Serine racemase | SRR |
| Q8NFX7    | Syntaxin-binding protein 6 | STXBP6 |
| Q96PV0    | Ras/Rap GTPase-activating protein SynGAP | SYNGAP1 |
| Q9UKP6    | Urotensin-2 receptor | UTS2R |
| Q9NUCO    | SERTA domain-containing protein 4 | SERTAD4 |
| Q1324T    | Serine/arginine-rich splicing factor 6 | SRSF6 |
| Q14146    | Unhealthy ribosome biogenesis protein 2 homolog | URB2 |
| Q7L3T8    | Probable proline--tRNA ligase, mitochondrial | PARS2 |
| Q9Y5K5    | Ubiquitin carboxyl-terminal hydrolase isozyme L5 | UCHL5 |
| P56192    | Methionine--tRNA ligase, cytoplasmic | MARS1 |
| A6NNZ2    | Tubulin beta 8B | TUBB8B |
| P59538    | Taste receptor type 2 member 31 | TAS2R31 |
| Q71U36    | Tubulin alpha-1A chain | TUBA1A |
| P0C1Z6    | TCF3 fusion partner | TFPT |
| Q96IK0    | Transmembrane protein 101 | TMEM101 |
| Q9NPL8    | Complex I assembly factor TIMMDC1, mitochondrial | TIMMDC1 |
| Q5SRD1    | Mitochondrial import inner membrane translocase subunit Tim23B | TIMM23B |
| Q92664    | Transcription factor IIIA | GTF3A |
| Q9YL7L    | Tolloid-like protein 2 | TLL2 |
| O43294    | Transforming growth factor beta-1-induced transcript 1 protein | TGFBI1 |
| Q5W0B7    | Transmembrane protein 236 | TMEM236 |
| Accession | Name Description                                                                 |
|-----------|----------------------------------------------------------------------------------|
| Q6ZN56    | Putative short transient receptor potential channel 2-like protein               |
| Q99556    | E3 ubiquitin-protein ligase Topors                                                |
| Q92547    | DNA topoisomerase 2-binding protein 1                                              |
| P57936    | Tropomyosin alpha-4 chain                                                         |
| A6NI03    | Putative tripartite motif-containing protein 64B                                  |
| A6NL15    | Tripartite motif-containing protein 64C                                            |
| Q9Y3C4    | EKC/KEOPS complex subunit TPRKB                                                    |
| Q962VM7   | TOM1-like protein 2                                                               |
| Q99NX01   | Thioredoxin-like protein 4B                                                        |
| Q3S872    | Probable tubulin polyglutamylase TTLL9                                            |
| Q5W5X9    | Tetraprincopeptide repeat protein 23                                               |
| P46782    | 40S ribosomal protein S5                                                          |
| Q6PRV7    | Solute carrier family 25 member 34                                                 |
| P19793    | Retinoic acid receptor RXR-alpha                                                   |
| Q9NSC2    | Sal-like protein 1                                                                |
| Q49SM3    | Proton-coupled amino acid transporter 2                                             |
| Q8N808    | Solute carrier family 35 member G3                                                 |
| Q15453    | Ryanodine receptor 3                                                              |
| Q9BYL1    | Sterile alpha motif domain-containing protein 10                                   |
| P58743    | Prestin                                                                          |
| Q8TDM5    | Sperm acrosome membrane-associated protein 4                                       |
| Q08A6    | Putative sodium-coupled neutral amino acid transporter 11                          |
| Q9NTJ6    | Phosphatidylinositol-3-phosphatase SAC1                                            |
| Q504Y0    | Zinc transporter ZIP12                                                            |
| Q902P4    | Long-chain fatty acid transport protein 6                                           |
| Q96FQ6    | Protein S100-A16                                                                  |
| Q8N8U3    | Retrotransposon Gag-like protein 3                                                 |
| Q05HYW7   | Retrotransposon Gag-like protein 5                                                 |
| Q36CC9    | Retrotransposon Gag-like protein 6                                                 |
| A0AV2     | Solute carrier family 12 member 8                                                  |
| Q9BY07    | Electrogenic sodium bicarbonate cotransporter 4                                    |
| Q9Y2C5    | Probable small intestine urate exporter                                            |
| Q96I7     | Serine/Arginine-related protein 53                                                 |
| Q95136    | Sphingosine 1-phosphate receptor 2                                                 |
| Q90631    | Sarcolipin                                                                       |
| Q98W04    | Specifically androgen-regulated gene protein                                       |
| Q96N87    | Inactive sodium-dependent neutral amino acid transporter B                         |
| Q8IVG5    | Sterile alpha motif domain-containing protein 9-like                              |
| Q96CM3    | Mitochondrial RNA pseudouridine synthase RPUSD4                                    |
| Q8N2Y8    | Iporin                                                                           |
| Q14333    | Receptor-transporting protein 5                                                   |
| Q12887    | Transducin beta-like protein 3                                                    |
| P08579    | U2 small nuclear ribonucleoprotein B′                                              |
| Accession  | Description                                                                                     | Gene  |
|------------|-------------------------------------------------------------------------------------------------|-------|
| O00422     | Histone deacetylase complex subunit SAP18                                                       | SAP18 |
| Q9BYW2     | Histone-lysine N-methyltransferase SETD2                                                        | SETD2 |
| A0A286YF01 | Small cysteine and glycine repeat-containing protein 7                                           | SCYGR7|
| A0A286YF09 | Small cysteine and glycine repeat-containing protein 1                                           | SCYGR1|
| A0A286YF00 | Small cysteine and glycine repeat-containing protein 3                                           | SCYGR3|
| Q9H7L9     | Sin3 histone deacetylase corepressor complex component SDS3                                     | SUDS3|
| Q15041     | Semaphorin-3E                                                                                   | SEMA3E|
| Q92854     | Semaphorin-4D                                                                                  | SEMA4D|
| Q9Y6D0     | Selenoprotein K                                                                                 | SELENOK|
| A8K8P3     | Protein 5F11 homolog                                                                           | 5F11  |
| Q9B9G2     | SH2 domain-containing protein 3A                                                                  | SH2D3A|
| Q9BV4L4    | Protein adenylyltransferase SeL, mitochondrial                                                   | SELENOO|
| P35499     | Sodium channel protein type 4 subunit alpha                                                      | SCN4A |
| Q96HF1     | Secreted frizzled-related protein 2                                                               | SFRP2 |
| Q00403     | Transcription initiation factor IIB                                                              | GTF2B |
| Q94979     | Protein transport protein Sec31A                                                                  | SEC31A|
| P30531     | Sodium- and chloride-dependent GABA transporter 1                                                 | SLC6A1|
| Q15858     | Sodium channel protein type 9 subunit alpha                                                       | SCN9A |
| P84550     | SKI family transcriptional corepressor 1                                                         | SKOR1 |
| P48029     | Sodium- and chloride-dependent creatine transporter 1                                             | SLC6A8|
| Q96BD8     | Spindle and kinetochore-associated protein 1                                                      | SKA1  |
| Q147U7     | Single-pass membrane and coiled-coil domain-containing protein 1                                 | SMCO1 |
| Q5TF21     | Protein SOGA3                                                                                   | SOGA3 |
| Q92959     | Solute carrier organic anion transporter family member 2A1                                       | SLC02A1|
| P04179     | Superoxide dismutase                                                                            | SOD2  |
| Q02447     | Transcription factor Sp3                                                                         | SP3   |
| Q9NX45     | Spermatogenesis- and oogenesis-specific basic helix-loop-helix-containing protein 2              | SOHLH2|
| Q9JPU3     | VPS10 domain-containing receptor SorCS3                                                          | SORCS3|
| Q9POW8     | Spermatogenesis-associated protein 7                                                              | SPATA7|
| Q5MJ70     | Speedy protein A                                                                                | SPDYA |
| P35713     | Transcription factor SOX-18                                                                     | SOX18 |
| Q7Z572     | Spermatogenesis-associated protein 21                                                             | SPATA21|
| Q13813     | Spectrin alpha chain, non-erythrocytic 1                                                         | SPTAN1|
| Q6IP26     | Protein SHQ1 homolog                                                                           | SHQ1  |
| O60225     | Protein SSX5                                                                                    | SSX5  |
| Q86WV6     | Stimulator of interferon genes protein                                                           | STING1|
| Q8N0S2     | Synaptonemal complex central element protein 1                                                   | SYCE1 |
| P49589     | Cysteine--tRNA ligase, cytoplasmic                                                               | CARS1 |
| M5A8F1     | Suppressyn                                                                                      | ERVH48-1|
| P35610     | Sterol O-acyltransferase 1                                                                       | SOAT1 |
| P42224     | Signal transducer and activator of transcription 1-alpha/beta                                   | STAT1 |
| Accession | Description                                                                 | Symbol |
|-----------|-----------------------------------------------------------------------------|--------|
| Q8NFT2    | Metalloreductase STEAP2                                                     | STEAP2 |
| Q08945    | FACT complex subunit SSRP1                                                  | SSRP1  |
| Q8IVB3    | Serine/arginine repetitive matrix protein 1                                 | SRRM1  |
| Q9BT76    | Uroplakin-3b                                                                | UPK3B  |
| Q8WTU2    | Scavenger receptor cysteine-rich domain-containing group B protein           | SSC4D  |
| Q13243    | Serine/arginine-rich splicing factor 5                                       | SRSF5  |
| Q496J9    | Synaptic vesicle glycoprotein 2C                                             | SV2C   |
| Q12772    | Sterol regulatory element--binding protein 2                                | SREBF2 |
| Q5JPH6    | Probable glutamate--tRNA ligase, mitochondrial                              | EARS2  |
| Q96I59    | Probable asparagine--tRNA ligase, mitochondrial                             | NARS2  |
| P57738    | T-cell leukemia translocation--altered gene protein                          | TCTA   |
| Q9H5J8    | TATA box--binding protein--associated factor RNA polymerase I subunit D     | TAF1D  |
| P50991    | T-complex protein 1 subunit delta                                            | CCT4   |
| Q15170    | Transcription elongation factor A protein--like 1                            | TCEAL1 |
| Q98UR4    | Telomerase Cajal body protein 1                                              | WRAP53 |
| Q51160    | Probable arginine--tRNA ligase, mitochondrial                               | RARS2  |
| Q92519    | Tribbles homolog 2                                                           | TRIB2  |
| P0DTU3    | T cell receptor alpha chain MC.7.G5                                          | TRA    |
| Q96RU7    | Tribbles homolog 3                                                           | TRIB3  |
| Q5EBN2    | Putative tripartite motif--containing protein 61                             | TRIM61 |
| Q12974    | Protein tyrosine phosphatase type IVA 2                                     | PTP4A2 |
| Q5JT8     | Torsin--1A--interacting protein 1                                            | TOR1AIP1 |
| Q15631    | Translin                                                                    | TSN    |
| P02766    | Transthyretin                                                                | TTR    |
| Q98ZW7    | Testis--specific gene 10 protein                                             | TSGA10 |
| A0A578    | T cell receptor beta variable 5--1                                           | TRBV5--1 |
| A0A0K0K1C0 | T cell receptor beta variable 11--1                                         | TRBV11--1 |
| P30530    | Tyrosine--protein kinase receptor UFO                                       | AXL    |
| Q9NPG3    | Ubinuclein-1                                                                | UBN1   |
| Q9GZP7    | Vomeronasal type--1 receptor 1                                              | VN1R1  |
| O60437    | Periplakin                                                                   | PPL    |
| Q96GW7    | Brevican core protein                                                        | BCAN   |
| P16234    | Platelet--derived growth factor receptor alpha                              | PDGFR  |
| Q13353    | Phospholipase D1                                                            | PLD1   |
| Q9UPR0    | Inactive phospholipase C--like protein 2                                    | PLCL2  |
| P78527    | DNA--dependent protein kinase catalytic subunit                              | PRKDC  |
| P25788    | Proteasome subunit alpha type--3                                            | PSMA3  |
| P55786    | Puromycin--sensitive aminopeptidase                                           | NPEPPS |
| O43900    | Prickle planar cell polarity protein                                         | PRICKLE3 |
| P86480    | Proline--rich protein 20D                                                    | PRR20D |
| Q92733    | Proline--rich protein PRCC                                                   | PRCC   |
| Q94906    | Pre--mRNA--processing factor 6                                               | PRPF6  |
| P28065    | Proteasome subunit beta type--9                                              | PSMB9  |
| Q9U14     | Prenylated Rab acceptor protein 1                                            | RABAC1 |
| Q99VG9    | Phosphatidylserine synthase 2                                               | PTDSS2 |
| Q5Y620    | DNA repair and recombination protein RAD54B                                  | RAD54B |
| Gene ID  | Name                                                                                       | Description                                                                 |
|---------|---------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|
| Q96JH8  | Ras-associating and dilute domain-containing protein                                       | RADIL                                                                        |
| Q75154  | Rab11 family-interacting protein 3                                                         | RAB11FIP3                                                                    |
| A6NK43  | Putative 60S ribosomal protein L37a-like protein                                            | RPL37AP8                                                                     |
| Q9NTX7  | E3 ubiquitin-protein ligase                                                                | RNF146                                                                       |
| Q8WZ75  | Roundabout homolog 4                                                                       | ROBO4                                                                        |
| Q9H1A7  | DNA-directed RNA polymerase II subunit RPB11-b2                                             | POLR2J3                                                                      |
| Q5GAN6  | Inactive ribonuclease-like protein 10                                                       | RNASE10                                                                      |
| Q9NQL2  | Ras-related GTP-binding protein D                                                           | RRAGD                                                                        |
| P25398  | 40S ribosomal protein S12                                                                   | RPS12                                                                        |
| Q71UM5  | 40S ribosomal protein S27-like                                                               | RPS27L                                                                       |
| Q8IX30  | Signal peptide, CUB and EGF-like domain-containing protein 3                               | SCUBE3                                                                       |
| Q00193  | Small acidic protein                                                                       | SMAP                                                                         |
| Q96D17  | U5 small nuclear ribonucleoprotein 40 kDa protein                                          | SNRNP40                                                                      |
| Q8TER0  | Sushi, nidogen and EGF-like domain-containing protein 1                                     | SNED1                                                                        |
| O43290  | U4/U6.U5 tri-snRNP-associated protein 1                                                     | SART1                                                                        |
| Q9NY87  | Sperm protein associated with the nucleus on the X chromosome C                             | SPANXC                                                                       |
| Q96BD6  | SPRY domain-containing SOCS box protein 1                                                   | SPSB1                                                                        |
| Q96R06  | Sperm-associated antigen 5                                                                   | SPAG5                                                                        |
| Q9HI73  | Nucleotide exchange factor SIL1                                                             | SIL1                                                                         |
| Q86X24  | Spermatogenesis-associated serine-rich protein 2                                            | SPATS2                                                                       |
| Q96RF0  | Sorting nexin-18                                                                           | SNX18                                                                        |
| P19634  | Sodium/hydrogen exchanger 1                                                                  | SLC9A1                                                                       |
| Q9NYZ4  | Sialic acid-binding Ig-like lectin 8                                                         | SIGLEC8                                                                      |
| Q67490  | Sorting nexin-2                                                                            | SNX2                                                                         |
| Q72614  | Sorting nexin-20                                                                           | SNX20                                                                        |
| Q96ST3  | Paired amphipathic helix protein Sin3a                                                        | SIN3A                                                                        |
| Q9H741  | SREBP regulating gene protein                                                                | SPRING1                                                                      |
| Q07889  | Son of sevenless homolog 1                                                                  | SOS1                                                                         |
| Q6WXH5  | Suppressor of cytokine signaling 4                                                           | SOCS4                                                                        |
| Q9BXB7  | Spermatogenesis-associated protein 16                                                        | SPATA16                                                                      |
| P48994  | Serpin B4                                                                                  | SERPINB4                                                                     |
| O00241  | Signal-regulatory protein beta-1                                                             | SIRPB1                                                                       |
| Q9H2G2  | STE20-like serine/threonine-protein kinase                                                  | SLK                                                                          |
| Q9UQ13  | Leucine-rich repeat protein SHOC-2                                                           | SHOC2                                                                        |
| Q6Z59   | Protein shisa-6                                                                            | SHISA6                                                                       |
| Q15714  | TSC22 domain family protein 1                                                                | TSC22D1                                                                      |
| Q9NYV8  | Taste receptor type 2 member 15                                                               | TAS2R14                                                                      |
| P35424  | Thrombospondin-2                                                                            | THBS2                                                                        |
| Q9WUA8  | Tsukushin                                                                                  | TSUKU                                                                        |
| A0A0B4J24 | T cell receptor alpha variable 5                                                          | TRAV5                                                                        |
| Q49AM3  | Tetratricopeptide repeat protein 31                                                          | TTC31                                                                        |
| Q8NH44  | Putative trypsin-6                                                                          | PRSS3P2                                                                      |
| Q8NBM4  | Ubiquitin-associated domain-containing protein 2                                            | UBAC2                                                                        |
| Q9HAH8  | UDP-glucuronosyltransferase                                                                  | UGT1A10                                                                      |
| Q53H54  | tRNA wybutosine-synthesizing protein 2 homolog                                               | TRMT12                                                                       |
| Q9PK3   | REST corepressor 3                                                                          | RCOR3                                                                        |
| Q75901  | Ras association domain-containing protein 9                                                  | RASSF9                                                                       |
| Q6WBX8  | Cell cycle checkpoint control protein RAD9B                                                  | RAD9B                                                                        |
| Accession | Protein Name | Description |
|-----------|--------------|-------------|
| P61578    | Endogenous retrovirus group K member 16 Rec protein | ERVK-16 |
| Q75884    | Serine hydrolase RBBP9 | RBBP9 |
| Q96AX2    | Ras-related protein Rab-37 | RAB37 |
| Q96BB6    | Repulsive guidance molecule A | RGMA |
| P98175    | RNA-binding protein 10 | RBM10 |
| P47804    | RPE-retinal G protein-coupled receptor | RGR |
| Q6NTF9    | Rhomboid domain-containing protein 2 | RHBDD2 |
| Q02094    | Ammonium transporter Rh type A | RHAG |
| Q33E94    | Transcription factor RFX4 | RFX4 |
| Q9H4K1    | RIB43A-like with coiled-coils protein 2 | RIBC2 |
| Q9P0J6    | 39S ribosomal protein L36, mitochondrial | MRPL36 |
| Q96G75    | E3 ubiquitin-protein transferase RMND5B | RMND5B |
| Q01974    | Tyrosine-protein kinase transmembrane receptor ROR2 | ROR2 |
| Q92753    | Nuclear receptor ROR-beta | RORB |
| P52434    | DNA-directed RNA polymerases I, II, and III subunit RPABC3 | POLR2H |
| Q96VV4    | Ran-binding protein 3-like | RANBP3L |
| Q9Y4G8    | Rap guanine nucleotide exchange factor 2 | RAPGEP2 |
| P0DH78    | RING finger protein 224 | RNF224 |
| Q8NBX0    | Saccharopine dehydrogenase-like oxidoreductase | SCCPDH |
| O00161    | Synaptosomal-associated protein 23 | SNAP23 |
| Q92966    | snRNA-activating protein complex subunit 3 | SNACP3 |
| Q13424    | Alpha-1-syntrophin | SNTA1 |
| Q3B7S5    | Small integral membrane protein 21 | SMIM21 |
| Q9Y286    | Sialic acid-binding Ig-like lectin 7 | SIGLEC7 |
| Q9NR56    | Sorting nexin-15 | SNX15 |
| P0DMW3    | Small integral membrane protein 10-like protein 1 | SMIM10L1 |
| Q9UJH9    | Small muscular protein | SMPX |
| Q9Y5K1    | Sorting nexin-9 | SNX9 |
| A0A0U1RRN3 | Putative transmembrane protein SPTYD1OS | SPTYD1OS |
| Q53HV7    | Single-strand selective monofunctional uracil DNA glycosylase | SMUG1 |
| Q8TAQ2    | SWI/SNF complex subunit SMARCC2 | SMARCC2 |
| P0DUD4    | Putative speedy protein E15 | SPDYE15 |
| Q43609    | Protein sprouty homolog 1 | SPRY1 |
| Q8IY81    | pre-rRNA 2'-O-ribose RNA methyltransferase FTSJ3 | FTSJ3 |
| Q13291    | Signaling lymphocytic activation molecule | SLAMF1 |
| Q8NHS9    | Spermatogenesis-associated protein 22 | SPATA22 |
| Q9NTJ3    | Structural maintenance of chromosomes protein 4 | SMC4 |
| Q8N4L4    | Spermatid maturation protein 1 | SPEM1 |
| Q98X26    | Synaptonemal complex protein 2 | SYCP2 |
| P61956    | Small ubiquitin-related modifier 2 | SUMO2 |
| Q8TB4R    | Putative STAG3-like protein 4 | STAG3L4 |
| Q9UJ98    | Cohesin subunit SA-3 | STAG3 |
| Q9Y2H1    | Serine/threonine-protein kinase 38-like | STK38L |
| Q96DR4    | STAR-related lipid transfer protein 4 | STARD4 |
| Gene ID     | Description                                      | Protein Name                  |
|------------|--------------------------------------------------|-------------------------------|
| Q8NBB2     | Putative uncharacterized protein ST20-AS1         | ST20-AS1                      |
| Q9HAC7     | Succinate--hydroxymethylglutarate CoA-transferase | SUGCT                         |
| Q9UHE8     | Metalloreductase STEAP1                          | STEAP1                        |
| O658P3     | Metalloreductase STEAP3                          | STEAP3                        |
| O76094     | Signal recognition particle subunit SRP72        | SRP72                         |
| Q9JNL2     | Translocon-associated protein subunit gamma      | SSR3                          |
| Q7Z6B7     | SLIT-ROBO Rho GTPase-activating protein 1         | SRGAP1                        |
| P35346     | Somatostatin receptor type 5                     | SST5                          |
| O43752     | Syntaxin-6                                       | STX6                          |
| Q6UW78     | Ubiquinol-cytochrome-c reductase complex assembly factor 3 | UQCC3            |
| Q9UGK8     | Secretion-regulating guanine nucleotide exchange factor | SERGEF        |
| O94875     | Sorbin and SH3 domain-containing protein 2        | SORBS2                        |
| Q95497     | Pantetheinase                                    | VNN1                          |
| A6NER0     | TBC1 domain member 3F                            | TBC1D3F                       |
| Q86VY9     | Transmembrane protein 200A                       | TMEM200A                      |
| Q5R3I4     | Tetra-tricopeptide repeat protein 38             | TTC38                         |
| Q9NUJW8    | Tyrosyl-DNA phosphodiesterase 1                  | TOP1                          |
| AOA06YYK   | Probable non-functional T cell receptor beta variable 7-1 | TRBV7-1            |
| P20231     | Tryptase beta-2                                  | TPSB2                         |
| Q9NYH9     | U3 small nucleolar RNA-associated protein 6 homolog | UTP6                         |
| Q6NUM6     | S-adenosyl-L-methionine-dependent tRNA 4demethylwyosine synthase TYW1B | TYW1B                  |
| Q9H320     | Variable charge X-linked protein 1               | VCX                           |
| P11117     | Lysosomal acid phosphatase                       | ACP2                          |
| P51805     | Plexin-A3                                        | PLXNA3                        |
| A0A1B0GW2  | Proline rich transmembrane protein 1B            | PRRT1B                        |
| P35998     | 26S proteasome regulatory subunit 7              | PSMC2                         |
| A6NEV1     | Proline-rich protein 23A                         | PRR23A                        |
| O60810     | PRAME family member 4                            | PRAMEF4                       |
| Q7Z4L9     | Protein phosphatase 1 regulatory subunit 42       | PPP1R42                       |
| O60927     | E3 ubiquitin-protein ligase PPP1R11              | PPP1R11                       |
| P30044     | Peroxiredoxin-5, mitochondrial                   | PRDX5                         |
| E9PB15     | Putative protein PTGES3L                        | PTGES3L                       |
| Q8TB72     | Pumilio homolog 2                                | PUM2                          |
| O00487     | 26S proteasome non-ATPase regulatory subunit 14  | PSMD14                        |
| P13631     | Retinoic acid receptor gamma                     | RARG                          |
| O00559     | Receptor-binding cancer antigen expressed on SiSo cells | EBAG9                  |
| P29373     | Cellular retinoic acid-binding protein 2         | CRABP2                        |
| O00194     | Ras-related protein Rab-27B                      | RAB27B                        |
| Q9UL25     | Ras-related protein Rab-21                       | RAB21                         |
| P85298     | Rho GTPase-activating protein 8                  | ARHGA8                        |
| Q9P2N5     | RNA-binding protein 27                           | RBM27                         |
| Q9NW13     | RNA-binding protein 28                           | RBM28                         |
| Q6P4F7     | Rho GTPase-activating protein 11A                | ARHGAP11A                     |
| O14715     | RANBP2-like and GRIP domain-containing protein 8 | RGD8                          |
| P57771     | Regulator of G-protein signaling 8               | RGS8                          |
| P3DID   | Gene Name                        | Description                                      |
|---------|----------------------------------|--------------------------------------------------|
| Q8NE09  | Regulator of G-protein signaling 22 | RGS22                                            |
| Q8N9B8  | Ras-GEF domain-containing family member 1A | RASGEF1A                                         |
| Q96NA2  | Rab-interacting lysosomal protein | RILP                                             |
| Q13278  | Putative protein RIG             | RIG                                              |
| Q13671  | Ras and Rab interactor 1         | RIN1                                             |
| P35268  | 60S ribosomal protein L22       | RPL22                                            |
| P39023  | 60S ribosomal protein L3         | RPL3                                             |
| Q96DM3  | Regulator of MON1-CCZ1 complex   | RMC1                                             |
| P51449  | Nuclear receptor ROR-gamma       | RORC                                             |
| P84103  | Serine/arginine-rich splicing factor 3 | SRSF3                                           |
| Q5VWG9  | Transcription initiation factor TFIIID subunit 3 | TAF3                                           |
| Q9NYW5  | Taste receptor type 2 member 4  | TAS2R4                                           |
| Q965S3  | Dual specificity testis-specific protein kinase 2 | TESK2                                      |
| Q86X45  | Protein tilB homolog            | LRRC6                                            |
| E9PQX1  | Transmembrane protein 262       | TMEM262                                          |
| A6NK7   | Transmembrane protein 88B       | TMEM88B                                          |
| Q6GV28  | Transmembrane protein 225       | TMEM225                                          |
| Q96Q5E5 | Transcription elongation factor, mitochondrial | TEFM                                           |
| Q5HYL7  | Transmembrane protein 196       | TMEM196                                          |
| A0A0A0MS02 | Probable non-functional T cell receptor gamma variable | TRGV1                                      |
| Q95407  | Tumor necrosis factor receptor superfamily member 6B | TNFRSF6B                                       |
| Q9NQ34  | Transmembrane protein 98        | TMEM98                                           |
| Q7Z402  | Transmembrane channel-like protein 7 | TMC7                                           |
| Q5GJ75  | Tumor necrosis factor alpha-induced protein B-like protein 3 | TNFAIP8L3                                      |
| Q13445  | Transmembrane emp24 domain-containing protein 1 | TMED1                                           |
| Q969K7  | Transmembrane protein 54        | TMEM54                                           |
| Q9UM00  | Calcium load-activated calcium channel | TMCO1                                      |
| Q9BXS4  | Transmembrane protein 59        | TMEM59                                           |
| P08138  | Tumor necrosis factor receptor superfamily member 16 | NGFR                                           |
| Q9GZX9  | Twisted gastrulation protein homolog 1 | TWSG1                                      |
| Q6DKK2  | Tetra-tricopeptide repeat protein 19, mitochondrial | TTC19                                          |
| Q6UWH6  | Protein TEX261                 | TEX261                                           |
| A6NLP5  | Tetra-tricopeptide repeat protein 36 | TTC36                                           |
| A2A3L6  | Tetra-tricopeptide repeat protein 24 | TTC24                                      |
| O00294  | Tubby-related protein 1         | TULP1                                            |
| Q9NRK2  | Tryptase gamma                  | TPSG1                                            |
| A0A0A6YYG2 | T cell receptor beta variable 6-6 | TRBV6-6                                      |
| P07478  | Tryptsin-2                     | PRSS2                                            |
| A0A0K0K1G8 | T cell receptor beta variable 10-2 | TRBV10-2                                    |
| Q96BW1  | Uricol phosphoribosyltransferase homolog | UPRT                                          |
| Q95551  | Tyrosyl-DNA phosphodiesterase 2 | TDP2                                             |
| Q8NB66  | Protein unc-13 homolog C        | UNC13C                                           |
| Q9H9P5  | Putative E3 ubiquitin-protein ligase UNKL | UNKL                                         |
| O75643  | Macrophage ribonucleoprotein 200 kDa helicase | SNRNPN200                                      |
| Q96PU4  | E3 ubiquitin-protein ligase UHRF2 | UHRF2                                           |
| Accession | Name                                                                 | Gene    |
|-----------|----------------------------------------------------------------------|---------|
| Q5W0Q7    | SUMO-specific isopeptidase USPL1                                     | USPL1   |
| Q3LFD5    | Putative ubiquitin carboxyl-terminal hydrolase 41 USP41              | USP41   |
| Q9H3Z22   | Variable charge X-linked protein 2 VAMP5                              | VAMP5   |
| Q951S3    | Vesicle-associated membrane protein 5 VAMP5                          | VAMP5   |
| Q8N4E4    | V-type proton ATPase subunit C 2 ATP6V1C2                             | ATP6V1C2|
| Q658N2    | WSC domain-containing protein 1 WSCD1                                 | WSCD1   |
| Q8N4G4    | Olfactory receptor 5M3 OR5M3                                         | OR5M3   |
| O43913    | Olfactory receptor 1B1 OR1B1                                         | OR1B1   |
| Q96FX8    | p53 apoptosis effector related to PMP-22 REL                          | REL     |
| O60925    | Prefoldin subunit 1 PFDN1                                            | PFDN1   |
| Q96S96    | Phosphatidylethanolamine-binding protein 4 PEBP4                      | PEBP4   |
| P49190    | Parathyroid hormone 2 receptor PTH2R                                  | PTH2R   |
| P51665    | 26S proteasome non-ATPase regulatory subunit 7 PSMD7                 | PSMD7   |
| P20742    | Pregnancy zone protein PZP                                            | PZP     |
| Q04864    | Proto-oncogene c-Rel REL                                              | REL     |
| Q8N4D2    | Putative RNA-binding protein 15B RBM15B                               | RBM15B  |
| Q93062    | RNA-binding protein with multiple splicing RBPM5                      | RBPM5   |
| Q994P72   | Ras-related protein Rab-18 RAB18                                     | RAB18   |
| P59190    | Ras-related protein Rab-15 RAB15                                     | RAB15   |
| Q43102    | Rho GTPase-activating protein 6 ARHGAP6                               | ARHGAP6|
| P61018    | Ras-related protein Rab-48 RAB48                                     | RAB48   |
| Q96Q81    | Rho GTPase-activating protein 7 DLC1                                  | DLC1    |
| P077C4    | Rhox homeobox family member 2B RHOX2B                                 | RHOX2B  |
| Q8N392    | Rho GTPase-activating protein 18 ARHGAP18                             | ARHGAP18|
| Q99V43    | Synembryn--B RIC8B                                                   | RIC8B   |
| Q29HR2    | DNA-binding protein RFX7 RFX7                                         | RFX7    |
| Q96VR2    | Reticuloepithelial regulator 3 RETREG3                                | RETREG3 |
| P62891    | 60S ribosomal protein L39 RPL39                                       | RPL39   |
| Q92901    | 60S ribosomal protein L3-like RPL3L                                   | RPL3L   |
| Q9BZE1    | 39S ribosomal protein L37, mitochondrial MRPL37                       | MRPL37  |
| Q02878    | 60S ribosomal protein L6 RPL6                                         | RPL6    |
| Q86TS9    | 39S ribosomal protein L52, mitochondrial MRPL52                       | MRPL52  |
| P05423    | DNA-directed RNA polymerase III subunit RPC4 POLR3D                   | POLR3D  |
| P61587    | Rho-related GTP-binding protein RhoE                                  | RND3    |
| Q8N4C4    | E3 ubiquitin–protein ligase RNF169                                    | RNF169  |
| Q5YTB9    | E3 ubiquitin–protein ligase RNF220                                    | RNF220  |
| Q146B4    | Ribosomal RNA processing protein 1 homolog B RRP1B                   | RRP1B   |
| P62263    | 40S ribosomal protein S14 RPS14                                       | RPS14   |
| Q14765    | Signal transducer and activator of transcription 4 STAT4             | STAT4   |
| Q62W41    | Rho GTPase-activating protein SYDE1                                   | SYDE1   |
| O95363    | Phenylalanine--tRNA ligase, mitochondrial FARS2                       | FARS2   |
| O43425    | Synaptopartin-1 SYNJ1                                                | SYNJ1   |
| Q91H87    | Synaptopodin 2-like protein SYNPO2L                                   | SYNPO2L |
| Q9NY38    | TGF-beta-activated kinase 1 and MAP9K7-binding protein 2 TAB2         | TAB2    |
| Q9UFV1    | Putative TBC1 domain family member 29 TBC1D29P                        | TBC1D29P|
| A6NFQ2    | TRPM8 channel-associated factor 2 TCAF2                                | TCAF2   |
| Q9ULP9    | TBC1 domain family member 24 TBC1D24                                 | TBC1D24 |
| Accession | Description                                                                 |
|-----------|-----------------------------------------------------------------------------|
| P23193   | Transcription elongation factor A protein 1                                 |
| Q9Y6A5   | Transforming acidic coiled-coil-containing protein 3                         |
| Q7LC5    | Synaptotagmin-13                                                            |
| Q17RD7   | Synaptotagmin-16                                                            |
| Q9NP81   | Serine--tRNA ligase, mitochondrial                                          |
| Q6NT04   | Tigger transposable element-derived protein 7                                |
| B9EJG8   | Transmembrane protein 150C                                                  |
| Q8NB41   | Tubulin polyglutamylase TTLL6                                               |
| Q99816   | Tumor susceptibility gene 101 protein                                       |
| Q9NQE7   | Thymus-specific serine protease                                             |
| Q6IXW7   | Protein unc-45 homolog B                                                    |
| Q75310   | UDP-glucuronosyltransferase                                                  |
| Q7OCQ4   | Ubiquitin carboxyl-terminal hydrolase 31                                     |
| P38606   | V-type proton ATPase catalytic subunit A                                    |
| Q6O795   | Putative viral protein-binding protein C1                                    |
| Q7L8A9   | Tubulinyl-Tyr carboxypeptidase 1                                             |
| P36543   | V-type proton ATPase subunit E 1                                              |
| Q5GH72   | XK-related protein 7                                                        |
| Q7O2N8   | Xin actin-binding repeat-containing protein 1                                |
| Q75379   | Vesicle-associated membrane protein 4                                       |
| Q4O628   | Proto-oncogene Wnt-1                                                        |
| Q9Y4P8   | WD repeat domain phosphoinositide-interacting protein 2                     |
| Q8WZA6   | Olfactory receptor 1E3                                                      |
| Q8N6G8   | Olfactory receptor 8B3                                                      |
| Q723B4   | Nucleoporin p54                                                             |
| Q14982   | Opioid-binding protein/cell adhesion molecule                               |
| Q96M98   | Parkin coregulated gene protein                                              |
| Q9OS53   | ORM1-like protein 1                                                         |
| Q0C869   | Cytosolic phospholipase A2 beta                                              |
| Q75781   | Paralemmin-1                                                                |
| Q07343   | cAMP-specific 3',5'-cyclic phosphodiesterase 4B                             |
| Q96A54   | Adiponectin receptor protein 1                                               |
| Q08499   | cAMP-specific 3',5'-cyclic phosphodiesterase 4D                             |
| P04085   | Platelet-derived growth factor subunit A                                    |
| Q9Y5H8   | Protocadherin alpha-3                                                       |
| Q9UQ80   | Proliferation-associated protein 2G4                                         |
| Q9UN72   | Protocadherin alpha-7                                                       |
| Q14917   | Protocadherin-17                                                            |
| P05166   | Propionyl-CoA carboxylase beta chain, mitochondrial                         |
| Q9UN66   | Protocadherin beta-8                                                        |
| Q63HM2   | Adiponectin-like protein 4                                                   |
| P04085   | Platelet-derived growth factor subunit A                                    |
| Q9Y5H8   | Protocadherin alpha-3                                                       |
| Q9UQ80   | Proliferation-associated protein 2G4                                         |
| Q9UN72   | Protocadherin alpha-7                                                       |
| Q14917   | Protocadherin-17                                                            |
| P05166   | Propionyl-CoA carboxylase beta chain, mitochondrial                         |
| Q9UN66   | Protocadherin beta-8                                                        |
| Q63HM2   | Pecanex-like protein 4                                                       |
| Q8N8O7   | Protein disulfide-isomerase-like protein of the testis                      |
| Q9Y586   | PAX3- and PAX7-binding protein 1                                             |
| Q9H814   | Phosphorylated adapter RNA export protein                                   |
| P0DJD7   | Pepsin A-4                                                                  |
| Q9H5S5   | GPI mannosyltransferase 1                                                   |
| Q9N6S3   | Protein PHTF2                                                               |
| Q8WWQ0   | PH-interacting protein                                                      |
| Accession | Description | Symbol |
|-----------|-------------|--------|
| Q8N3A8    | Protein mono-ADP-ribosyltransferase PARP8 | PARP8  |
| Q8IXQ6    | Protein mono-ADP-ribosyltransferase PARP9 | PARP9  |
| Q9NUG6    | p53 and DNA damage-regulated protein 1 | PDRG1  |
| Q9UHG2    | ProSAAS | PCSK1N |
| P20941    | Phosducin | PDC   |
| P15259    | Phosphoglycerate mutase 2 | PGAM2  |
| Q9NQ4P    | Prefoldin subunit 4 | PFDN4  |
| Q12837    | POU domain, class 4, transcription factor 2 | POUF2  |
| P54277    | PMS1 protein homolog 1 | PMS1  |
| P05187    | Alkaline phosphatase, placental type | ALPP   |
| P30405    | Peptidyl-prolyl cis-trans isomerase F, mitochondrial | PPIF   |
| Q95428    | Papilin | PAPLN  |
| P50336    | Protoporphyrinogen oxidase | POPOX  |
| P08567    | Pleckstrin | PLEK   |
| Q8N3J5    | Protein phosphatase 1K, mitochondrial | PPP1K  |
| Q12972    | Nuclear inhibitor of protein phosphatase 1 | PPP1R8 |
| Q9H8W4    | Pleckstrin homology domain-containing family F member 2 | PLEKHF2 |
| Q99697    | Pituitary homeobox 2 | PITX2  |
| Q98RC7    | 1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase delta-4 | PLC4D  |
| Q96S99    | Pleckstrin homology domain-containing family F member 1 | PLEKHF1 |
| Q7Z736    | Pleckstrin homology domain-containing family H member 3 | PLEKHH3 |
| P04280    | Basic salivary proline-rich protein | PRB1   |
| Q6UWY2    | Serine protease 57 | PRSS57 |
| P16885    | 1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase gamma-2 | PLC4G2 |
| P10163    | Basic salivary proline-rich protein | PRB4   |
| Q9G2Y8    | PK domain zinc finger protein 14 | PRDM14 |
| Q92954    | Proteoglycan 4 | PRG4   |
| Q16557    | Pregnancy-specific beta-1-glycoprotein 3 | PSG3   |
| I3L0S3    | Putative uncharacterized protein | PYCARD-AS1 |
| Q16851    | UTP--glucose-1-phosphate uridylyltransferase | UGP2   |
| Q9UHP3    | Ubiquitin carboxyl-terminal hydrolase 25 | USP25  |
| Q9H7C4    | Syncoilin | SYNC   |
| Q9UMS6    | Synaptotagmin-2 | SYNP2O |
| Q5Q38     | Trichohyalin-like protein 1 | TCHH1  |
| Q9H4B7    | Tubulin beta-1 chain | TUBB1  |
| Q8N103    | T-cell activation Rho GTPase-activating protein | TAGAP  |
| Q9N3G9    | Transmembrane protein 130 | TMEM130 |
| Q96C24    | Synaptotagmin-like protein 4 | SYT4   |
| Q6NO22    | Teneurin-4 | TENM4  |
| O75865    | Trafficking protein particle complex subunit 6A | TRAPP6C6A |
| Q96996    | DNA topoisomerase I, mitochondrial | TOP1MT |
| P49755    | Transmembrane emp24 domain-containing protein 10 | TMED10 |
| Q7Z5M5    | Transmembrane channel-like protein 3 | TM3C   |
| Q6P2H8    | Transmembrane protein 53 | TMEM53 |
| Q13077    | TNF receptor-associated factor 1 | TRAF1  |
| Gene ID     | Protein Name                                                                 |
|------------|-------------------------------------------------------------------------------|
| Q2T9K0     | Transmembrane protein 44                                                       |
| Q43396     | Thioredoxin-like protein 1                                                     |
| A0A0A6YYK6 | T cell receptor alpha variable 16                                              |
| Q5VTQ0     | Tetra-tricopeptide repeat protein 39B                                           |
| Q9Y5S1     | Transient receptor potential cation channel subfamily V member 2               |
| Q9H1Z9     | Tetraspanin-10                                                                |
| O60636     | Tetraspanin-2                                                                 |
| Q96PN8     | Testis-specific serine/threonine-protein kinase 3                              |
| Q9C0C9     | UBE2O                                                                         |
| P16662     | UDP-glucuronosyltransferase 2B                                                |
| O60656     | UDP-glucuronosyltransferase 1A9                                                |
| P26368     | Splicing factor U2AF 65 kDa subunit                                            |
| Q15853     | Upstream stimulatory factor 2                                                  |
| P11684     | Uteroglobin                                                                   |
| Q96H7      | Deubiquitinating protein VCPIP1                                                |
| Q9Y4E6     | WD repeat-containing protein 7                                                 |
| Q15537     | Retinoschisin                                                                 |
| O43543     | DNA repair protein XRCC2                                                       |
| P04004     | Vitronectin                                                                   |
| Q9U1A9     | Exportin-7                                                                    |
| Q8N3P4     | Vacular protein sorting-associated protein 8 homolog                          |
| Q9HAV4     | Exportin-5                                                                    |
| Q6IH4      | Olfactory receptor 6B2                                                         |
| Q9UHM6     | Melanopsin                                                                    |
| O6U736     | Opsin-5                                                                       |
| P18509     | Pituitary adenylate cyclase-activating polypeptide                             |
| Q969R2     | Oxyester-binding protein 2                                                     |
| Q9U1J1     | Protein BCAP                                                                   |
| Q99650     | Oncostatin-M-specific receptor subunit beta                                    |
| Q8N138     | ORM1-like protein 3                                                            |
| P04054     | Phospholipase A2                                                               |
| P47900     | P2Y purinoceptor 1                                                             |
| Q9P286     | Serine/threonine-protein kinase subunit                                        |
| O00750     | Phosphatidylinositol 4-phosphate 3-kine C2 domain-containing subunit beta      |
| O00443     | Phosphatidylinositol 4-phosphate 3-kine C2 domain-containing subunit alpha     |
| P07237     | Protein disulfide-isomerase                                                    |
| O95427     | GPI ethanolamine phosphate transferase 1                                        |
| Q32NB8     | CDP-diacylglycerol--glycerol-3-phosphate 3-phosphatidyltransferase, mitochondrial |
| P00558     | Phosphoglycerate kinase 1                                                      |
| P07205     | Phosphoglycerate kinase 2                                                      |
| Q8N7G0     | POU domain, class 5, transcription factor 2                                    |
| O94903     | Pyridoxal phosphate homeostasis protein                                         |
| Q9H7Z7     | Prostaglandin E synthase 2                                                     |
| O43447     | Peptidyl-prolyl cis-trans isomerase H                                           |
| Q9NP80     | Calcium-independent phospholipase A2-gamma                                     |
| Q86YR6     | POTE ankyrin domain family member D                                            |
| Q15355     | Protein phosphatase 1G                                                         |
| Q99569     | Plakophilin-4                                                                  |
| Accession | Description                                                                 | Name |
|-----------|------------------------------------------------------------------------------|------|
| Q6S5H5   | POTE ankyrin domain family member G                                          | POTEG|
| O43586   | Proline-serine-threonine phosphatase-interacting protein 1                   | PSTPIP1|
| Q9HBL7   | Plasminogen receptor                                                         | PLGRKT|
| Q9ULL1   | Pleckstrin homology domain-containing family G member 1                      | PLEKHG1|
| Q8TDX9   | Polycystic kidney disease protein 1-like 1                                   | PKD1L1|
| A0A1B0GVH4 | Serine protease-like protein 51                                                | PRSS51|
| O75807   | Protein phosphatase 1 regulatory subunit 15A                                  | PPP1R15A|
| Q9NQW5   | Probable histone-lysine N-methyltransferase PRDM7                            | PRDM7|
| Q9NQX1   | PR domain zinc finger protein 5                                               | PRDM5|
| O75127   | Pentatricopeptide repeat-containing protein 1, mitochondrial                 | PTCD1|
| Q8IV42   | L-seryl-tRNA                                                                | PSTK|
| P17812   | CTP synthase 1                                                               | CTPS1|
| P62857   | 40S ribosomal protein S28                                                    | RPS28|
| Q9BH2Z   | Sialoadhesin                                                                 | SIGLEC1|
| Q53GS9   | U4/U6.U5 tri-snRNP-associated protein 2                                       | USP39|
| O60248   | Protein SOX-15                                                               | SOX15|
| Q6UW49   | Sperm equatorial segment protein 1                                           | SPESP1|
| Q9BP22   | Spindlin-2B                                                                  | SPIN28|
| P35237   | Serpin B6                                                                    | SERPINB6|
| Q996J0   | Beta-galactoside alpha-2,6-sialyltransferase 2                                | ST6GAL2|
| Q5VXU9   | Protein shortage in chiasmata 1 ortholog                                     | SHOC1|
| Q15431   | Synaptonemal complex protein 1                                                | SYCP1|
| Q9P2F8   | Signal-induced proliferation-associated 1-like protein 2                     | SIPA1L2|
| O60292   | Signal-induced proliferation-associated 1-like protein 3                     | SIPA1L3|
| Q9BR01   | Sulfotransferase 4A1                                                          | SULT4A1|
| Q8WL8    | Saitohin                                                                     | STH|
| Q9H6E5   | Speckle targeted PIP5K1A-regulated poly                                      | TUT1|
| Q8TD2R   | Serine/threonine-protein kinase                                              | STK35|
| P32856   | Syntaxin-2                                                                   | STX2|
| Q723V4   | Ubiquitin-protein ligase E3B                                                   | UBE3B|
| A6NH2    | Tubulin alpha-chain-3                                                        | TUBAL3|
| O43680   | Transcription factor 21                                                       | TCF21|
| Q5H9L2   | Transcription elongation factor A protein-like 5                              | TCEAL5|
| Q6IPX3   | Transcription elongation factor A protein-like 6                              | TCEAL6|
| Q15542   | Transcription initiation factor TFIIID subunit 5                             | TAF5|
| O60806   | T-box transcription factor TBX19                                               | TBX19|
| P35999   | Activated RNA polymerase II transcriptional coactivator p15                   | SUB1|
| O14894   | Transmembrane 4 L6 family member 5                                            | TM4SF5|
| Q9H2D6   | TRIO and F-actin-binding protein                                              | TRIOBP|
| O15040   | Tectonin beta-propeller repeat-containing protein 2                           | TECPR2|
| Q8IV01   | Synaptotagmin-12                                                             | SYT12|
| O43156   | TEO2-interacting protein 1 homolog                                           | TTI1|
| Q9Y4A5   | Transformation/transcription domain-associated protein                        | TRRAP|
| Q9BY64   | UDP-glucuronosyltransferase                                                   | UGT2B28|
| Accession | Description                                                                 | Entry ID |
|-----------|-----------------------------------------------------------------------------|----------|
| Q9GZZ9    | Ubiquitin-like modifier-activating enzyme 5                                 | UBA5     |
| Q709C8    | Vacular protein sorting-associated protein 13C                             | VPS13C   |
| Q8NFA0    | Ubiquitin carboxyl-terminal hydrolase 32                                    | USP32    |
| Q86TI4    | WD repeat-containing protein 86                                              | WDR86    |
| A0A1B0GUX0| Protein ATP6V1FN                                                             | ATP6V1FN B|
| A6NLU5    | V-set and transmembrane domain-containing protein 2B                        | VSTM2B   |
| P49754    | Vacular protein sorting-associated protein 41 homolog                      | VPS41    |
| Q43542    | DNA repair protein XRCC3                                                    | XRCC3    |
| Q8TCV5    | WAP four-disulfide core domain protein 5                                    | WFDC5    |
| Q1A5X7    | Putative WASP homolog-associated protein with actin, membranes and microtubules-like protein 1 | WHAMMP3 |
| Q8N1B4    | Vacular protein sorting-associated protein 52 homolog                      | VPS52    |
| A2RRH5    | WD repeat-containing protein 27                                              | WDR27    |
| P42768    | Wiskott-Aldrich syndrome protein                                             | WAS      |
| Q9NR6     | Putative peptide YY-2                                                       | PYY2     |
| Q01201    | Transcription factor RelB                                                    | RELB     |
| Q15907    | Ras-related protein Rab-11B                                                 | RAB11B   |
| Q8NOV3    | Putative ribosome-binding factor A, mitochondrial                          | RBFA     |
| P42596    | RNA-binding protein 34                                                       | RBM34    |
| Q8N1G1    | RNA exonuclease 1 homolog                                                    | REXO1    |
| Q3MIN7    | Ral guanine nucleotide dissociation stimulator-like 3                       | RGL3     |
| Q52LW3    | Rho GTPase-activating protein 29                                              | ARHGAP29 |
| Q9BYZ6    | Rho-related BTB domain-containing protein 2                                  | RHOBT82  |
| Q75783    | Rhomboid-related protein 1                                                   | RHBDL1   |
| Q9H6Z8    | Ras-related and estrogen-regulated growth inhibitor-like protein             | RERGL    |
| Q725B4    | Protein RIC-3                                                               | RIC3     |
| P08134    | Rho-related GTP-binding protein Rhoc                                         | RHOC     |
| A6NNX1    | Rlla domain-containing protein 1                                             | RIAAD1   |
| P46778    | 60S ribosomal protein L21                                                    | RPL21    |
| P49406    | 39S ribosomal protein L19, mitochondrial                                     | MRPL19   |
| Q9H9V4    | RING finger protein 122                                                      | RNF122   |
| Q8NC7     | RING finger protein 148                                                      | RNF148   |
| Q96TC7    | Regulator of microtubule dynamics protein 3                                  | RMDN3    |
| Q6P161    | 39S ribosomal protein L54, mitochondrial                                     | MRPL54   |
| Q13129    | Zinc finger protein Rlf                                                      | RLF      |
| Q96MS0    | Roundabout homolog 3                                                        | ROBO3    |
| O75757    | DNA-directed RNA polymerase III subunit RPC9                                 | CRCP     |
| Q9BU14    | DNA-directed RNA polymerase III subunit RPC3                                | POLR3C   |
| Q8TDE3    | Ribonuclease 8                                                               | RNASE8   |
| Q9NX16    | E3 ubiquitin–protein ligase                                                  | RNF186   |
| Q9H668    | CST complex subunit STN1                                                    | STN1     |
| Q9UJ37    | Alpha-N-acetylgalactosaminide alpha-2,6-sialyltransferase 2                  | ST6GALNA C2 |
| Q8NBK3    | Formyglycine-generating enzyme                                               | SUMF1    |
| Q6IWU5    | Extracellular sulfatase Sulf-2                                               | SULF2    |
| P49223    | Kunitz-type protease inhibitor 3                                             | SPINT3   |
| Q9UJ34    | Stomatin-like protein 1                                                      | STOML1   |
| O00506    | Serine/threonine-protein kinase                                              | STK25    |
| Accession | Description                                      | IDs         |
|-----------|--------------------------------------------------|-------------|
| O75716    | Serine/threonine-protein kinase STK16             |             |
| A6NDV4    | Transmembrane protein 8B TMEM8B                  |             |
| Q13033    | Stratin-3                                        | STRN3       |
| Q9H7F4    | Transmembrane protein 185B TMEM185B              |             |
| P09758    | Tumor-associated calcium signal transducer 2 TACSTD2 |             |
| Q9Y2B4    | TP53-target gene 5 protein TP53TG5               |             |
| Q96SF2    | T-complex protein 1 subunit theta-like 2 CCTBL2   |             |
| P0CG34    | Thymosin beta-15A TMSB15A                       |             |
| Q9NY65    | Tubulin alpha-8 chain TUBA8                     |             |
| Q6N021    | Methylcytosine dioxygenase TET2 TET2            |             |
| Q10587    | Thyrotroph embryonic factor TEF                  |             |
| P03986    | T cell receptor gamma constant 2 TRGC2           |             |
| Q9Y577    | E3 ubiquitin-protein ligase TRIM17               |             |
| Q9NXH9    | tRNA TRMT1                                       |             |
| P48553    | Trafficking protein particle complex subunit 10 TRAPPC10 |             |
| Q75888    | Tumor necrosis factor ligand superfamily member 13 TNFSF13 |             |
| Q56UQ5    | TPT1-like protein                                |             |
| Q14106    | Protein Tob2                                     |             |
| Q96KP6    | TNFAIP3-interacting protein 3 TNIP3              |             |
| Q8NBS9    | Thioredoxin domain-containing protein 5 TXNDC5   |             |
| Q57P6     | Transmembrane protein 78 TMEM78                 |             |
| Q06418    | Tyrosine-protein kinase receptor TYRO3           |             |
| Q96HH6    | Transmembrane protein 19 TMEM19                 |             |
| Q9NX07    | tRNA selenocysteine 1-associated protein 1 TRNAU1AP |             |
| Q9NRE2    | Teashirt homolog 2 TSH22                        |             |
| A0A0K0K1C4| T cell receptor beta variable 27 TRBV27          |             |
| P49815    | Tuberin                                          |             |
| A0A5A6    | T cell receptor beta variable 11-3 TRBV11-3      |             |
| Q6UWM9    | UDP-glucuronosyltransferase 2A3 UGT2A3           |             |
| C9VI0     | Ubiquitin carboxyl-terminal hydrolase 17-like protein 11 USP17L11 |             |
| Q765I0    | Urotensin-2B                                     |             |
| Q9UIW0    | Ventral anterior homeobox 2 VAX2                |             |
| Q3M0J3    | WD repeat-containing protein 72 WDR72           |             |
| P63119    | Endogenous retrovirus group K member 21 Pro protein ERVK-21 |             |
| Q9H9G4    | V-type proton ATPase 116 kDa subunit a isoform 4 ATP6V0A4 |             |
| P63125    | Endogenous retrovirus group K member 25 Pro protein ERVK-25 |             |
| P23025    | DNA repair protein complementing XP-A cells XPA  |             |
| O14980    | Exportin-1                                       |             |
| Q9H270    | Vacuolar protein sorting-associated protein 11 homolog VPS11 |             |
| O76024    | Wolframin                                        | WFS1        |
| Q965S15   | GATOR complex protein WDR24 WDR24                |             |
| Q9H1Z4    | WD repeat-containing protein 13 WDR13            |             |
| Q8NEZ3    | WD repeat-containing protein 19 WDR19            |             |
| Q15061    | WD repeat-containing protein 43 WDR43            |             |
| Q9NQA3    | WAS protein family homolog 6 WASH6P              |             |
| Q8TAFL8   | LHFPL tetraspan subfamily member 5 protein LHFPL5 |             |
| Q659C4    | La-related protein 1B LARP1B                     |             |
| O75334    | Liprin-alpha-2                                   | PPFIA2      |
| P98164    | Low-density lipoprotein receptor-related protein 2 LRP2 |             |
| Q8N309    | Leucine-rich repeat-containing protein 43 LLRRC43 |             |
| Q8WV35    | Leucine-rich repeat-containing protein 29 LLRRC29 |             |
| Accession | Protein Name | Description |
|-----------|--------------|-------------|
| Q9BY71    | Leucine-rich repeat-containing protein 3 | LRRC3 |
| Q7Z2Q7    | Leucine-rich repeat-containing protein 70 | LRRC70 |
| Q96IA1    | Leucine-rich repeats and immunoglobulin-like domains protein 1 | LRIG1 |
| Q8IVB5    | LIX1-like protein | LIX1L |
| Q9BYY1    | Hydroperoxide isomerase ALOXE3 | ALOXE3 |
| Q9UBY5    | Lysophosphatidic acid receptor 3 | LPAR3 |
| Q9H3W5    | Leucine-rich repeat neuronal protein 3 | LRRN3 |
| Q8NDX9    | Lymphocyte antigen 6 complex locus protein G5b | LY6G5B |
| Q58DX5    | Inactive N-acetylated-alpha-linked acidic dipeptidase-like protein 2 | NAALADL2 |
| O75608    | Acyl-protein thioesterase 1 | LYPLA1 |
| Q0278     | Myocyte-specific enhancer factor 2A | MEF2A |
| Q95370    | Acyl-protein thioesterase 2 | LYPLA2 |
| Q0280     | Myocyte-specific enhancer factor 2B | MEF2B |
| Q96PE7    | Methylmalonyl-CoA epimerase, mitochondrial | MCEE |
| Q96AQ8    | Mitochondrial calcium uniporter regulator 1 | MCUR1 |
| O00470    | Homeobox protein Meis1 | MEIS1 |
| P51948    | CDK-activating kinase assembly factor MAT1 | MNAT1 |
| Q56UN5    | Mitogen-activated protein kinase kinase kinase kinase 19 | MAP3K19 |
| Q9Y6R4    | Mitogen-activated protein kinase kinase kinase kinase 4 | MAP3K4 |
| O15151    | Protein Mdm4 | MDM4 |
| Q5VFZ2    | Muscleblind-like protein 2 | MBNL2 |
| Q9Y2H9    | Microtubule-associated serine/threonine-protein kinase 1 | MAST1 |
| Q9BXY0    | Protein MAK16 homolog | MAK16 |
| Q9BQ68    | MICOS complex subunit MIC25 | CHCHD6 |
| H3BPM6    | MKRN2 opposite strand protein | MKRN2OS |
| Q8N108    | Mesoderm induction early response protein 1 | MIER1 |
| Q9BRT3    | Migration and invasion enhancer | MIEN1 |
| P0C024    | Peroxisomal coenzyme A diphosphatase NUDT7 | NUDT7 |
| Q95140    | Mitofusin-2 | MFN2 |
| Q8N5J2    | Ubiquitin carboxyl-terminal hydrolase MINDY-1 | MINDY1 |
| Q804C8    | Missapen-like kinase 1 | MINK1 |
| Q4G0A6    | Probable ubiquitin carboxyl-terminal hydrolase MINDY-4 | MINDY4 |
| A6N15     | Mesogenin-1 | MSGN1 |
| O75970    | Multiple PDZ domain protein | MPDZ |
| P03059    | M-phase inducer phosphatase 2 | CDC25B |
| Q95907    | Monocarboxylate transporter 3 | SLC16A8 |
| Q58SG5    | Olfactory receptor T3F1 | OR13F1 |
| A6NCE7    | Microtubule-associated proteins 1A/1B light chain 3 beta 2 | MAP1LC3B2 |
| Q5TG67    | Maestro heat-like repeat-containing protein family member 9 | MEROH9 |
| P36507    | Dual specificity mitogen-activated protein kinase kinase 2 | MAP2K2 |
| Q43193    | Motilin receptor | MLNR |
| Q97605    | Numb-like protein | NUMBL |
| Q15612    | Olfactory receptor 1Q1 | OR1Q1 |
| Q8WXC3    | Pyrin domain-containing protein 1 | PYDC1 |
| Gene ID | Protein Name                                      | Uniprot ID |
|--------|--------------------------------------------------|------------|
| P54750 | Calcium/calmodulin-dependent 3',5'-cyclic nucleotide phosphodiesterase 1A | PDE1A      |
| Q9Y2J8 | Protein-arginine deiminase type-                 | PADI2      |
| Q6TCH4 | Membrane progestin receptor delta                | PAQR6      |
| Q6TCH7 | Progestin and adipocytokine receptor family member 3 | PAQR3      |
| Q13946 | High affinity cAMP-specific 3',5'-cyclic phosphodiesterase 7A | PDE7A      |
| Q9ULR5 | Polyadenylate-binding protein-interacting protein 2B | PAIP2B     |
| Q8N6Y1 | Protocadherin-20                                 | PCDH20     |
| Q9H244 | P2Y purinoceptor 12                               | P2RY12     |
| Q9Y5E6 | Protocadherin beta-3                             | PCDHB3     |
| Q9B8P23| Polyadenylate-binding protein-interacting protein 2 | PAIP2      |
| A0A087YW34_A1 | PIK3R3 upstream open reading frame protein | P3R3URF |
| A6NC86 | phospholipase A2 inhibitor and Ly6/PLAUR domain-containing protein | PINLYP    |
| Q9NR8F | CTP synthase 2                                   | CTPS2      |
| Q08257 | Quinone oxidoreductase                           | CRYZ       |
| Q7L112 | Synaptic vesicle glycophorin 2B                  | SV2B       |
| P37108 | Signal recognition particle 14 kDa protein       | SRP14      |
| Q9NRH3 | Tubulin gamma-2 chain                            | TUBG2      |
| Q12870 | Transcription factor 15                          | TCF15      |
| Q9HCH5 | Synaptotagmin-like protein 2                     | SYT2       |
| O43615 | Mitochondrial import inner membrane translocase subunit TIMM44 | TIMM44 |
| Q8NDZ6 | Transmembrane protein 161B                       | TMEM161B   |
| P0CAT3 | Putative TLX1 neighbor protein                   | TLX1NB     |
| Q8VVE7 | Transmembrane protein 170A                       | TMEM170A   |
| P16035 | Metalloproteinase inhibitor 2                    | TIMP2      |
| Q9BSN7 | Transmembrane protein 204                        | TMEM204    |
| Q9UDY6 | Tripartite motif-containing protein 10            | TRIM10     |
| O14788 | Tumor necrosis factor ligand superfamily member 11 | TNFSF11 |
| Q8WS56 | Transmembrane protease serine 12                 | TMPRSS12   |
| Q75962 | Triple functional domain protein                 | TRIO       |
| Q9BSJ1 | Tripartite motif-containing protein 51           | TRIM51     |
| Q9Y320 | Thioredoxin-related transmembrane protein 2       | TMX2       |
| O14530 | Thioredoxin domain-containing protein 9          | TXNDC9     |
| Q8TAI1 | TYMS opposite strand protein                     | TYMSOS     |
| Q7RTX1 | Taste receptor type 1 member 1                   | TAS1R1     |
| Q9BTX7 | Alpha-tocopherol transfer protein-like            | TTPAL      |
| A0A0B4J1U6 | T cell receptor beta variable 9                 | TRBV9      |
| A0A0C4DH59 | T cell receptor beta variable 5-4             | TRBV5-4    |
| D6RJB6 | Ubiquitin carboxyl-terminal hydrolase 17-like protein 20 | USP17L20  |
| Q8VVF2 | Unique cartilage matrix-associated protein       | UCMA       |
| Q96RL1 | BRCA1-A complex subunit RAP80                    | UIMC1      |
| Q96KR7 | Phosphatase and actin regulator 3                | PHACTR3    |
| Q01860 | POU domain, class 5, transcription factor 1       | POUS5F1    |
| Q496M5 | Inactive serine/threonine-protein kinase PLK5    | PLK5       |
| Accession  | Description                                                                 |
|------------|-----------------------------------------------------------------------------|
| Q8IXY8     | Probable inactive peptidyl-prolyl cis-trans isomerase-like 6 (PPIL6)        |
| A8MQ11     | Postmeiotic segregation increased 2-like protein 5 (PMS2P5)                 |
| P0CG38     | POTE ankyrin domain family member 1 (POTE1)                                 |
| Q13835     | Plakophilin-1 (PKP1)                                                        |
| Q46C6      | Prolyl endopeptidase-like (PREPL)                                           |
| Q9HB9U9    | Popeye domain-containing protein 2 (POPDC2)                                 |
| Q96C90     | Protein phosphatase 1 regulatory subunit 14B (PPP1R14B)                      |
| A1L4L8     | PLAC8-like protein 1 (PLAC8L1)                                              |
| Q9UMG63    | Zinc finger protein PLAGL1 (PLAGL1)                                         |
| Q6ZS11     | Ras and Rab interactor-like protein (RINL)                                   |
| P04156     | Major prion protein (PRNP)                                                  |
| Q960J4     | Piwi-like protein 1 (PIWIL1)                                                |
| Q9Y253     | DNA polymerase eta (POLH)                                                   |
| O94763     | Unconventional prefoldin RP5 interactor 1 (UR1)                             |
| O75526     | RNA-binding motif protein, X-linked-like-2 (RBMX2L2)                        |
| Q9H871     | E3 ubiquitin-protein transferase RMND5A (RMND5A)                            |
| P0DPB5     | Protein POLR1D, isofrom 2 (POLR1D)                                          |
| Q13905     | Rap guanine nucleotide exchange factor 1 (RAPGEF1)                          |
| P56182     | Ribosomal RNA processing protein 1 homolog A (RRP1)                        |
| Q8TC41     | Probable E3 ubiquitin-protein ligase RNF217 (RNF217)                       |
| P62070     | Ras-related protein R-Ras2 (RRAS2)                                          |
| Q9H633     | Ribonuclease P protein subunit p21 (RRP21)                                  |
| A6NMZ2     | Sentan (SNTN)                                                              |
| Q9Y5X0     | Sorting nexin-10 (SNX10)                                                   |
| Q9NWOMO    | Spermine oxidase (SMOX)                                                     |
| P0C7V6     | Putative transcription factor SPT20 homolog-like 2 (SUPT20HL2)             |
| Q8ND22     | SUMO-interacting motif-containing protein 1 (SIMC1)                         |
| Q9UIIG8    | Solute carrier organic anion transporter family member 3A1 (SLCO3A1)       |
| Q9HY2Y9    | Solute carrier organic anion transporter family member 5A1 (SLCO5A1)       |
| Q96PX8     | SLIT and NTRK-like protein 1 (SLITRK1)                                     |
| A0A1B0GW64 | Small integral membrane protein 33 (SMIM33)                                 |
| Q8IX6      | NAD-dependent protein deacetylase sirtuin-2 (SIRT2)                        |
| P63272     | Transcription elongation factor SPT4 (SUPT4H1)                             |
| Q9QB4      | Sclerostin (SOST)                                                          |
| Q725L4     | Spermatogenesis-associated protein 19, mitochondrial (SPATA19)             |
| Q9UVU8     | Serpin B13 (SERPINB13)                                                     |
| Q9UI73     | Transcription factor SOX-13 (SOX13)                                        |
| Q96DU3     | SLAM family member 6 (SLAMF6)                                               |
| P02549     | Spectrin alpha chain, erythrocytic (SPTA1)                                 |
| Q15005     | Signal peptidase complex subunit 2 (SPCS2)                                 |
| Q9Y2M2     | Protein SSUH2 homolog (SSUH2)                                               |
| Q8TE77     | Protein phosphatase Slingshot homolog 3 (SSH3)                              |
| Q7RTT3     | Putative protein SSX9 (SSX9P)                                               |
| Q08ET2     | Sialic acid-binding Ig-like lectin (SIGLEC14)                              |
| P49888     | Sulfotransferase 1E1 (SULT1E1)                                              |
| Q95772     | STARD3 N-terminal-like protein (STARD3NL)                                  |
| Accession | Description                                                      | Alias |
|-----------|------------------------------------------------------------------|-------|
| P51692    | Signal transducer and activator of transcription 5B              | STAT5B|
| Q96MF2    | SH3 and cysteine-rich domain-containing protein 3                | STAC3 |
| Q6VVH7    | ATPase SWASAP1                                                   | SWASAP|
| Q98Ti0    | TBC1 domain family member 1                                      | TBC1D1|
| Q96SF7    | T-box transcription factor TBX15                                 | TBX15 |
| B6A8C7    | T-cell interacting tyrosine receptor on myeloid cells protein 1 | TARM1 |
| Q98XR5    | Toll-like receptor 10                                             | TLR10 |
| P10646    | Tissue-like factor pathway inhibitor TFPI                         |       |
| Q9NR97    | Toll-like receptor 8                                             | TLR8  |
| Q98W70    | Transmembrane protein 151B                                       | TMEM15B|
| Q14948    | Transcription factor EC                                          | TFE   |
| Q680B8    | Tigger transposable element-derived protein 3                    | TIGD3 |
| P12787    | Serotransferrin                                                  | TF    |
| Q14134    | Tripartite motif-containing protein 29                           | TRIM29|
| Q13049    | E3 ubiquitin-protein ligase                                       | TRIM32|
| A0A075B6S0| T cell receptor gamma joining 1                                   | TRGJ1 |
| Q8IUR5    | Protein O-mannosyl-transferase TMTC1                             | TMTC1 |
| Q99HE2    | Toll-interacting protein                                         | TOLLIP|
| P0125     | Tripartite motif-containing protein 49                           | TRIM49|
| Q43399    | Tumor protein D54                                                 | TPD52L2|
| Q959H18   | Serine/threonine-protein kinase TNNI3K                           | TNNI3K|
| A0A075B6U4| T cell receptor alpha variable 7                                 | TRAV7 |
| Q9HBA0    | Transient receptor potential cation channel subfamily V member 4| TRPV4  |
| A0A589    | T cell receptor beta variable 4-3                                | TRBV4-3|
| A0A04J24  | T cell receptor alpha variable 10                                | TRAV10|
| Q03405    | Urokinase plasminogen activator surface receptor PLAUR           |       |
| Q2NL82    | Pre-rRNA-processing protein TSR1 homolog                         | TSR1  |
| P49638    | Alpha-tocopherol transfer protein TTPA                           |       |
| P04777    | Trypsin-1                                                        | PRSS1 |
| Q9NVA1    | Ubiquinol-cytochrome-c reductase complex assembly factor 1       | UQCC1 |
| Q9NZI7    | Upstream-binding protein 1                                        | UBP1  |
| A6NDN8    | Putative ubiquitin-like protein FUB1-like protein ENSP0000301046 |       |
| Q9NZD9    | Ubiquitin-associated protein 1                                   | UBAP1 |
| Q07099    | Protein unc-13 homolog D                                         | UNC13D|
| Q16560    | U11/U12 small nuclear ribonucleoprotein 35 kDa protein SNRNPS35 |       |
| Q8NB14    | Ubiquitin carboxyl-terminal hydrolase 38                         | USP38 |
| Q8TED0    | U3 small nucleolar RNA-associated protein 15 homolog UTP15       |       |
| Q13415    | Origin recognition complex subunit 1                            | ORC1  |
| Q8NGR8    | Olfactory receptor 118                                           | OR1L8 |
| Q8NGZ6    | Olfactory receptor 6F1                                           | OR6F1 |
| Q96FW1    | Ubiquitin thioesterase OTUB1                                     | OTUB1 |
| Q99983    | Osteomodulin                                                     | OMD   |
| Q98SM1    | Polycomb group RING finger protein 1                             | PCGF1 |
| Q08174    | Protocadherin-1                                                  | PCDH1 |
| A6NGQ2    | Oocyte-expressed protein homolog                                 | OOEP  |
| P04637    | Cellular tumor antigen p53                                        | TP53  |
| Accession   | Description                                      | Accession   | Description                                      |
|------------|--------------------------------------------------|------------|--------------------------------------------------|
| Q8N328     | PiggyBac transposable element-derived protein 3  | PGBD3      |                                                  |
| Q96NR3     | Patched domain-containing protein 1              | PTCHD1     |                                                  |
| Q16825     | Tyrosine-protein phosphatase non-receptor type 21| PTPN21     |                                                  |
| O43502     | DNA repair protein RAD51 homolog 3              | RAD51C     |                                                  |
| P22695     | Cytochrome b-cl complex subunit 2, mitochondrial| UQCRC2     |                                                  |
| Q8TDP1     | Ribonuclease H2 subunit C                        | RNASEH2C   |                                                  |
| Q96LT9     | RNA-binding region-containing protein 3          | RNP3C      |                                                  |
| Q98XT8     | RING finger protein 17                           | RNF17      |                                                  |
| A6NIN4     | RING finger protein 227                          | RNF227     |                                                  |
| P62249     | 40S ribosomal protein S16                        | RPS16      |                                                  |
| Q17RH7     | Putative protein TRX1                           | TRX1       |                                                  |
| Q66M14     | Sulforphanse 691                                | SULT6B1    |                                                  |
| Q9ULQ0     | Striatin-interacting protein                      | STRIP2     |                                                  |
| P08240     | Signal recognition particle receptor subunit alpha| SRPRA     |                                                  |
| Q667X5     | Metalloenductase STEAP4                          | STEAP4     |                                                  |
| P0CV98     | Testis-specific Y-encoded protein 3              | TSPY3      |                                                  |
| Q15527     | Surfeit locus protein 2                          | SURF2      |                                                  |
| P61764     | Syntaxin-binding protein 1                       | STXBP1     |                                                  |
| Q15042     | U2 snRNP-associated SURP motif-containing protein| U2SURP    |                                                  |
| Q4G0T1     | Scavenger receptor cysteine-rich domain-containing protein SCART1 |
| Q8NFB2     | Transmembrane protein 185A                       | TMEM185A   |                                                  |
| Q9NYW3     | Taste receptor type 2 member 7                   | TAS2R7     |                                                  |
| Q02763     | Angiopoietin-1 receptor                          | TEK        |                                                  |
| Q96H15     | T-cell immunoglobulin and mucin domain-containing protein 4 | TIMD4 | |
| P21579     | Synaptotagmin-1                                  | SYT1       |                                                  |
| P59537     | Taste receptor type 2 member 43                  | TAS2R43    |                                                  |
| Q96CG3     | TRAF-interacting protein with FHA domain-containing protein A | TIFA | |
| P68363     | Tubulin alpha-1B chain                           | TUBA18     |                                                  |
| Q99595     | Mitochondrial import inner membrane translocase subunit Tim17-A | TIMM17A | |
| Q98VV7     | Mitochondrial import inner membrane translocase subunit Tim21 | TIMM21 | |
| A0A075B6Y9 | T cell receptor alpha joining 42                 | TRAJ42     |                                                  |
| Q9NV12     | Transmembrane protein 140                        | TMEM140    |                                                  |
| A0PJX2     | TLD domain-containing protein 2                  | TLDC2      |                                                  |
| Q86YL5     | Tests development-related protein                 | TDRP       |                                                  |
| Q13569     | G/T mismatch-specific thymine DNA glycosylase    | TDG        |                                                  |
| Q98ZW4     | Transmembrane 6 superfamily member 2             | TM6SF2     |                                                  |
| Q8N661     | Lysoplasmalogenase                               | TMEM86B    |                                                  |
| Q98ZW5     | Transmembrane 6 superfamily member 1             | TM6SF1     |                                                  |
| Q96PL2     | Beta-tectorin                                    | TECTB      |                                                  |
| O15417     | Trinucleotide repeat-containing gene 18 protein   | TNRC18     |                                                  |
| Q03169     | Tumor necrosis factor alpha-induced protein 2    | TNFAIP2    |                                                  |
| Q98VG3     | E3 ubiquitin-protein ligase                      | TRIM62     |                                                  |
| A0A5B9     | T cell receptor beta constant 2                  | TRBC2      |                                                  |
| Q6ZV5      | Protein 0-mannosyl-transferase                   | TMTC3      |                                                  |
| Accession  | Description                                      | Gene Symbol |
|------------|--------------------------------------------------|-------------|
| P50591     | Tumor necrosis factor ligand superfamily member 10 | TNFSF10     |
| Q86T21     | Tetrapolypeptide repeat protein 6                | TTC6        |
| Q86VY4     | Tests-specific Y-encoded-like protein 5          | TSPY5       |
| A0A0A6YYC5 | T cell receptor alpha variable 14/delta variable 4 | TRAV14DV4   |
| O60637     | Tetraspanin-3                                    | TSPAN3      |
| A0A0B7WV62 | T cell receptor beta variable 16                 | TRBV16      |
| Q86TN4     | tRNA 2'-phosphotransferase 1                     | TRPT1       |
| Q9BZ97     | Putative transcript Y 13 protein                 | TTTY13      |
| E5RL1      | Uroplakin-3b-like protein 2                       | UPK3BL2     |
| Q05986     | Ubiquitin-protein ligase E3A                      | UBE3A       |
| Q9UK80     | Ubiquitin carboxyl-terminal hydrolase 21         | USP21       |
| Q8BTC4     | NEDD8-activating enzyme E1 catalytic subunit     | UBA3        |
| Q969T4     | Ubiquitin-conjugating enzyme E2 E3               | UBE2E3      |
| Q6EMK4     | Vasorin                                           | VASN        |
| Q75191     | Xyulose kinase                                   | XYL2        |
| Q2TB12     | WSC domain-containing protein 2                  | WSCD2       |
| P56703     | Proto-oncogene Wnt-3                             | WNT3        |
| Q7Z3J2     | VPS35 endosomal protein-sorting factor-like      | VPS35L      |
| P58304     | Visual system homeobox 2                         | VIX2        |
| Q15269     | Periodic tryptophan protein 2 homolog            | PWP2        |
| P15151     | Poliovirus receptor                              | PVR         |
| Q62TQ3     | Ras association domain-containing protein 6      | RASSF6      |
| P01112     | GTPase HRas                                      | HRAS        |
| P62877     | E3 ubiquitin-protein ligase RBX1                 | RBX1        |
| Q8NC24     | RELT-like protein 2                              | RELL2       |
| Q3YEC7     | Rab-like protein 6                               | RABL6       |
| Q9S755     | Ras-related protein Rab-36                      | RAB36       |
| Q9BTD8     | RNA-binding protein 42                           | RBM42       |
| Q13637     | Ras-related protein Rab-32                      | RAB32       |
| Q9N7L6     | Rab guanine nucleotide dissociation stimulator-1  | RGL1        |
| Q7L804     | Rab11 family-interacting protein 2               | RAB11FIP2   |
| Q9UGC6     | Regulator of G-protein signaling 17              | RGS17       |
| Q6R327     | Rapamycin-insensitive companion of mTOR          | RICTOR      |
| Q96AA3     | Protein RFT1 homolog                             | RFT1        |
| Q9K30      | RBPJ-interacting and tubulin-associated protein 1| RITA1       |
| Q95707     | Ribonuclease P protein subunit p29               | POP4        |
| Q95059     | Ribonuclease P protein subunit p14               | RPP14       |
| Q9BRL7     | Vesicle-trafficking protein SEC22c               | SEC22C      |
| Q9H115     | Beta-soluble NSF attachment protein              | NAPB        |
| Q8WW59     | SPRY domain-containing protein                   | SPRYD4      |
| Q95347     | Structural maintenance of chromosomes protein 2  | SMC2        |
| Q43623     | Zinc finger protein SNAI2                        | SNAI2       |
| Q9SYW9     | Sorting nexin-11                                | SNX11       |
| Q9NC55     | SPRY domain-containing protein                   | SPRYD3      |
| Q99835     | Smoothened homolog                               | SMO         |
| P8TAD8     | Smad nuclear-interacting protein 1               | SNP1        |
| Q62ZMY3    | SPOC domain-containing protein 1                 | SPOCD1      |
| A0A1B0GVT2 | Small integral membrane protein 36               | SMIM36      |
| Accession | Description                                      | Gene Name |
|-----------|--------------------------------------------------|-----------|
| P51532    | Transcription activator BRG1                     | SMARCA4   |
| P35270    | Sepiapterin reductase                            | SPR       |
| Q9Y6E7    | NAD-dependent protein lipoamidase sirtuin-4, mitochondrial | SIRT4    |
| O95238    | SAM pointed domain-containing Ets transcription factor | SPDEF    |
| Q9NTG7    | NAD-dependent protein deacetylase sirtuin-3, mitochondrial | SIRT3    |
| P23497    | Nuclear autoantigen Sp-100                       | SP100     |
| Q13239    | Src-like-adapter                                 | SLA       |
| Q8N114    | Protein shisa-5                                  | SHISA5    |
| Q43291    | Kunitz-type protease inhibitor 2                 | SPINT2    |
| Q8ZP2     | Putative protein FAM10A4                         | ST13P4    |
| A8MT33    | Synaptosomal complex central element protein 1-like | SYCE1L    |
| O6NL8     | Protein shisa-7                                  | SHISA7    |
| Q9HA9     | Sperolink-like protein                           | SPATC1L   |
| Q9HI69    | Stathmin-4                                       | STMN4     |
| O75897    | Sulfotransferase 1C4                             | SULT1C4   |
| A11L90    | Synaptosomal complex central element protein 3   | SYCE3     |
| PCL85     | STAG3-like protein 3                             | STAG3L3   |
| Q58G82    | Putative synaptotagmin-14-like protein            | SYT14P1   |
| Q9P2W9    | Syntaxin-18                                      | STX18     |
| A0A084J242 | T cell receptor alpha variable 13-1             | TRAV13-1  |
| Q9N4C7    | Syntaxin-19                                      | STX19     |
| P61266    | Syntaxin-18                                      | STX18     |
| P10124    | Serylgycin                                       | SRGN      |
| P30872    | Somatostatin receptor type 1                     | SSTR1     |
| Q12846    | Syntaxin-4                                       | STX4      |
| P55854    | Small ubiquitin-related modifier 3               | SUMO3     |
| B3KS81    | Serine/arginine repetitive matrix protein 5      | SRRM5     |
| P43308    | Translocon-associated protein subunit beta       | SSR2      |
| Q69JG0    | Tyrosine-protein kinase STYK1                    | STYK1     |
| Q96LR4    | Chemokine-like protein TAFAX-4                   | TAFAX4    |
| B2RXF0    | Transmembrane protein 229A                       | TMEM229A  |
| Q9YSQ8    | General transcription factor 3C poly peptide 5   | GTF3C5    |
| Q75663    | TIP41-like protein                               | TIPRL     |
| Q6EE7     | Transmembrane protein 132E                       | TMEM132E  |
| Q3ZCQ8    | Mitochondrial import inner membrane translocone subunit | TIMM50  |
| Q07352    | mRNA decay activator protein ZFP36L1             | ZFP36L1   |
| A0A1B0GV5G6 | Testis-expressed protein 54                      | TEX54     |
| Q9NQ80    | Transcription factor 7-like 2                    | TCF7L2    |
| Q8VF5     | T-lymphoma invasion and metastasis-inducing protein 2 | TIAM2    |
| Q8WUH6    | Transmembrane protein 263                       | TMEM263   |
| P13726    | Tissue factor                                    | F3        |
| Q75674    | TOM1-like protein 1                              | TOM1L1    |
| Q8WW34    | Transmembrane protein 239                        | TMEM239   |
| Q95455    | dTDP-D-glucose 4,6-dehydratase                   | TGDS      |
| Q53558    | Transmembrane protein 177                        | TMEM177   |
| Q9BSA9    | Endosomal/lysosomal potassium channel TMEM175     | TMEM175   |
| Q6UXN2    | Trem-like transcript 4 protein                   | TREML4    |
| Q9NQ86    | E3 ubiquitin-protein ligase                      | TRIM36    |
| Q5T4D3    | Protein O-mannosyl-transferase TMTC4             | TMTC4     |
| Q72410    | Transmembrane protease serine 9                  | TPMRSS9   |
| Q9FGB8    | Target of EGR1 protein 1                         | TOE1      |
| Q8N0Z6    | Tetrapolypeptide repeat protein 5                | TTC5      |
| Accession  | Description                                                                 | Entrez Gene ID |
|-----------|------------------------------------------------------------------------------|----------------|
| Q6ZS6     | Teashirt homolog 1                                                           | TSHZ1          |
| P48995    | Short transient receptor potential channel 1                                 | TRPC1          |
| A0A0A0MS  | Probable non-functional T cell receptor beta variable 5-3                     | TRBV5-3        |
| A0A1BGX9  | T cell receptor beta variable 7-4                                             | TRBV7-4        |
| A0A584    | T cell receptor beta variable 11-2                                            | TRBV11-2       |
| Q9Y2K6    | Ubiquitin carboxyl-terminal hydrolase 20                                     | USP20          |
| P0CB47    | Upstream-binding factor 1-like protein 1                                      | UBTFL1         |
| D6R901    | Ubiquitin carboxyl-terminal hydrolase 17-like protein 21                       | USP17L21       |
| P25874    | Mitochondrial brown fat uncoupling protein 1                                 | UCP1           |
| Q6R6M4    | Ubiquitin carboxyl-terminal hydrolase 17                                      | USP17L2        |
| Q6YN4     | Protein virilizer homolog                                                     | VIRMA          |
| B2RUY7    | von Willebrand factor C domain-containing protein 2-like                       | VWC2L          |
| Q8N752    | Casein kinase I isomorph alpha-like                                           | CSNK1A1L       |
| P56470    | Galectin-4                                                                   | LGALS4         |
| Q86VQ0    | Lebercin                                                                    | LCA5           |
| Q680I6    | Lysine-specific demethylase 4D                                                | KDM4D          |
| Q9NT99    | Leucine-rich repeat-containing protein 4B                                     | LRRRC4B        |
| Q14392    | Transforming growth factor beta activator LRRCC2                              | LRRC32         |
| Q86X29    | Lipolyis-stimulated lipoprotein receptor                                      | LSR            |
| Q75581    | Low-density lipoprotein receptor-related protein 6                            | LRP6           |
| A6NDA9    | Leucine-rich repeat, immunoglobulin-like domain and transmembrane domain-containing protein 2 | LRR2T          |
| Q86VH5    | Leucine-rich repeat transmembrane neuronal protein 3                           | LRRTM3         |
| Q38SD2    | Leucine-rich repeat serine/threonine-protein kinase 1                         | LRRK1          |
| Q9Y234    | Lipoyltransferase 1, mitochondrial                                            | UPT1           |
| P12980    | Protein lyl-1                                                                | LYL1           |
| Q9BRT6    | Protein LLP homolog                                                           | LLPH           |
| P83369    | U7 snRNA-associated Sm-like protein LSm11                                     | LSM11          |
| P43034    | Platelet-activating factor acetylhydrolase IB subunit beta                   | PAFAH1B1       |
| Q9NU23    | LYYR motif-containing protein 2                                               | LYRM2          |
| Q9UHV7    | Mediator of RNA polymerase II transcription subunit 13                        | MED13          |
| P55145    | Mesencephalic astrocyte-derived neurotrophic factor                           | MANF           |
| A4D2B0    | Metallo-beta-lactamase domain-containing protein 1                            | MBLAC1         |
| Q96L2     | Protein MAL2                                                                  | MAL2           |
| Q940U3    | Magnesium transporter protein 1                                               | MAGT1          |
| Q7Z304    | MAM domain-containing protein 2                                               | MAMDC2         |
| Q13394    | Putative nucleotidytransferase MAB21L1                                       | MAB21L1        |
| Q13477    | Mucosal addressin cell adhesion molecule 1                                   | MADCAM1        |
| P45984    | Mitogen-activated protein kinase 9                                            | MAPK9          |
| Q6NUT3    | Major facilitator superfamily domain-containing protein 12                    | MFSD12         |
| Q13201    | Multimerin-1                                                                 | MMRN1          |
| Accession | Protein Name                                                                 | Description                                                                 |
|-----------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Q96T76    | MMS19 nucleotide excision repair protein homolog                            | MMS19                                                                      |
| Q5SR56    | Hippocampus abundant transcript-like protein 1                              | MFSD14B                                                                     |
| Q96LA9    | Mas-related G-protein coupled receptor member X4                            | MRGPRX4                                                                     |
| Q86SM8    | Mas-related G-protein coupled receptor member E                             | MRGPRE                                                                      |
| P33527    | Multidrug resistance-associated protein 1                                   | ABCC1                                                                       |
| Q4VC12    | Putative protein MSSI homolog, mitochondrial                                | MSS51                                                                       |
| Q6PP44    | Mitochondrial fission regulator 2                                            | MTRF2                                                                       |
| P13640    | Metallothionein-1G                                                           | MT1G                                                                        |
| Q8NGC6    | Olfactory receptor 4K17                                                      | OR4K17                                                                      |
| Q8NG81    | Olfactory receptor 2M7                                                       | OR2M7                                                                       |
| Q8NG28    | Olfactory receptor 2C3                                                       | OR2C3                                                                       |
| Q8NG24    | Olfactory receptor 2G3                                                       | OR2G3                                                                       |
| O14753    | Putative transcription factor Ovolike 1                                      | Ovol1                                                                       |
| P22059    | Oxysterol-binding protein 1                                                  | OSBP                                                                        |
| P49810    | Presenilin-2                                                                | PSEN2                                                                       |
| Q96E09    | PPP2R1A-PPP2R2A-interacting phosphatase regulator 1                         | PABIR1                                                                      |
| Q96PD5    | N-acetylmuramoyl-L-alanine amidase                                           | PGLYRP2                                                                     |
| Q9GZU8    | PSME3-interacting protein                                                    | PSME3IP1                                                                    |
| Q99H55    | Piezo-type mechanosensitive ion channel component 2                         | PIEZO2                                                                      |
| Q8NA58    | Poly                                                                         | PNLDC1                                                                      |
| Q9Y4D7    | Plexin-D1                                                                   | PLXND1                                                                      |
| Q9HAT8    | E3 ubiquitin-protein ligase pellino homolog 2                               | PELI2                                                                       |
| Q03431    | Parathyroid hormone/parathyroid hormone-related peptide receptor            | PTH1R                                                                       |
| Q9HD43    | Receptor-type tyrosine-protein phosphatase H                                 | PTPRH                                                                       |
| Q6NVV1    | Putative 60S ribosomal protein L13a protein RPL13AP3                         | RPL13AP3                                                                    |
| Q8WUJ0    | Pyridine nucleotide-disulfide oxidoreductase domain-containing protein 1    | PYROXD1                                                                     |
| Q96N64    | PWWP domain-containing protein 2A                                            | PWWP2A                                                                      |
| Q2KHR3    | Glutamine and serine-rich protein 1                                          | QSER1                                                                       |
| Q9BRX8    | Peroxiredoxin-like 2A                                                        | PRXL2A                                                                      |
| P50749    | Ras association domain-containing protein 2                                 | RASSF2                                                                      |
| C9J798    | Ras GTPase-activating protein 4B                                             | RASA4B                                                                      |
| Q9NR77    | Peroxosomal membrane protein 2                                               | PXMP2                                                                       |
| Q8IZ41    | Ras and EF-hand domain-containing protein                                    | RASEF                                                                       |
| Q9UBF6    | RING-box protein 2                                                           | RNF7                                                                        |
| P61571    | Endogenous retrovirus group K member 21 Rec protein                         | ERVK-21                                                                     |
| Q9Y388    | RNA-binding motif protein, X-linked 2                                        | RBMX2                                                                       |
| Q8NDN9    | RCC1 and BTB domain-containing protein 1                                     | RCBTB1                                                                      |
| O60896    | Receptor activity-modifying protein 3                                        | RAMP3                                                                       |
| Q9NP90    | Ras-related protein Rab-9B                                                   | RAB9B                                                                       |
| Q15042    | Rab3 GTPase-activating protein catalytic subunit                             | RAB3GAP1                                                                    |
| Q51481    | RNA-binding protein 20                                                       | RBM20                                                                       |
| Q62T16    | Refilin-A                                                                    | RFLNA                                                                       |
| Accession | Description                                                                                     | ID      |
|-----------|-------------------------------------------------------------------------------------------------|---------|
| Q2PPJ7    | Ral GTPase-activating protein subunit alpha-2                                                      | RALGAPA2|
| Q6PJF5    | Inactive rhomboid protein 2                                                                     | RHBDF2  |
| O76081    | Regulator of G-protein signaling 20                                                              | RGS20   |
| P58872    | Rhomboid-related protein 3                                                                      | RHBDL3  |
| Q969G6    | Riboflavin kinase                                                                               | RFK     |
| P02753    | Retinol-binding protein 4                                                                        | RBP4    |
| P62913    | 60S ribosomal protein L11                                                                        | RPL11   |
| O95948    | One cut domain family member 2                                                                  | ONECUT2 |
| O95221    | Olfactory receptor 5F1                                                                          | OR5F1   |
| Q96RA2    | Olfactory receptor 7D2                                                                          | OR7D2   |
| Q8NGL0    | Olfactory receptor 5L2                                                                          | OR5L2   |
| A0A075B759| Peptidyl-prolyl cis-trans isomerase A-like 4E                                                     | PPIAL4E |
| Q16654    |                                                                                                 | PDK4    |
| Q9H477    | Ribokinase                                                                                      | RBK5    |
| Q9BUL8    | Programmed cell death protein 10                                                                 | PDCD10  |
| C9JL3     | Proline, histidine and glycine-rich protein 1                                                    | PHGR1   |
| Q96PV4    | Paraneoplastic antigen-like protein 5                                                             | PNMA5   |
| O14829    | Serine/threonine-protein phosphatase with EF-hands 1                                              | PPEF1   |
| Q8NA72    | Centrosomal protein POC5                                                                        | POC5    |
| Q6PA48    | Phospholipase B-like 1                                                                          | PLBD1   |
| Q51B70    | Proline-rich protein 9                                                                          | PRR9    |
| Q8N945    | PREL domain-containing protein 2                                                                  | PRELID2 |
| P78337    | Pituitary homeobox 1                                                                            | PITX1   |
| Q53GL0    | Pleckstrin homology domain-containing family O member 1                                           | PLEKH1  |
| P25789    | Proteasome subunit alpha type-4                                                                  | PSMA4   |
| Q2VWP7    | Protagenin                                                                                       | PRTG    |
| Q7RTY3    | Putative serine protease 45                                                                       | PRSS45P |
| Q9HC23    | Prokineticin-2                                                                                   | PROK2   |
| Q9Y2Y8    | Proteoglycan 3                                                                                   | PRG3    |
| Q9HA22    | Histone-lysine N-methyltransferase PRDM16                                                         | PRDM16  |
| Q86YN6    | Peroxisome proliferator-activated receptor gamma coactivator 1-beta                              | PPARGC1B|
| P48556    | 26S proteasome non-ATPase regulatory subunit 8                                                   | PSMD8   |
| Q9Y3E5    | Peptidyl-tRNA hydrolase 2, mitochondrial                                                         | PTRH2   |
| Q15256    | Receptor-type tyrosine-protein phosphatase R                                                     | PTRPR   |
| Q9Y3Y4    | Pygopus homolog 1                                                                                | PYGO1   |
| P07919    | Cytochrome b-c1 complex subunit 6, mitochondrial                                                 | UQCRH   |
| Q8NBN7    | Retinol dehydrogenase 13                                                                         | RDH13   |
| P0C7P1    | RNA-binding motif protein, Y chromosome, family 1 member D                                       | RBMY1D  |
| P61573    | Endogenous retrovirus group K member 9 Rec protein                                               | ERVK-9  |
| P04049    | RAF proto-oncogene serine/threonine-protein kinase                                               | RAF1    |
| Q9H1K0    | Rabenosyn-5                                                                                      | RBSN    |
| Q13636    | Ras-related protein Rab-31                                                                       | RAB31   |
| O75628    | GTP-binding protein REM 1                                                                        | REM1    |
| Q9H082    | Ras-related protein Rab-33B                                                                       | RAB33B  |
| Q9B2G1    | Ras-related protein Rab-34                                                                       | RAB34   |
| Q9BX46    | RNA-binding protein 24                                                                           | RBM24   |
| Q8IWVW6   | Rho GTPase-activating protein 12                                                                  | ARHGAP12|
| Q07960    | Rho GTPase-activating protein 1                                                                  | ARHGAP1 |
| P27694    | Replication protein A 70 kDa DNA-binding subunit                                                 | RPA1    |
| Accession | Gene Name                               | Description                                      |
|-----------|-----------------------------------------|--------------------------------------------------|
| Q3KR88    | Rho GTPase-activating protein 11B       | ARHGAP11 B                                      |
| A6NLU0    | Ret finger protein-like 4A              | RFPL4A                                          |
| P49758    | Regulator of G-protein signaling 6      | RGS6                                            |
| P40937    | Replication factor C subunit 6          | RFC5                                            |
| Q5TH9     | RR12-like protein                      | RR12                                            |
| P46783    | 40S ribosomal protein S10               | RPS10                                           |
| P62269    | 40S ribosomal protein S18               | RPS18                                           |
| Q9HA92    | Radical S-adenosyl methionine domain-containing protein 1, mitochondrial | RSAD1                                           |
| P62244    | 40S ribosomal protein S15a              | RPS15A                                          |
| P46781    | 40S ribosomal protein S9                | RPS9                                            |
| Q8TD47    | 40S ribosomal protein S4, Y isoform 2   | RPS4Y2                                          |
| Q6NW29    | RWD domain-containing protein           | RWDD4                                           |
| Q9Y2R5    | 28S ribosomal protein S17, mitochondrial | MRPS17                                          |
| A6NK97    | Solute carrier family 22 member 20      | SLC22A20P                                       |
| Q9BZD2    | Equilibrative nucleoside transporter 3  | SLC29A3                                         |
| Q9Y3D9    | 28S ribosomal protein S23, mitochondrial | MRPS23                                          |
| Q86UD0    | Suppressor APC domain-containing protein 2 | SAPCD2                                      |
| P0DMR2    | Secretoglobin family 1C member          | SGC1C2                                          |
| O15357    | Phosphatidylinositol 3,4,5-trisphosphate 5-phosphatase 2 | INPPL1                                       |
| P31645    | Sodium-dependent serotonin transporter 3| SLC6A4                                          |
| Q15127    | Secretory carrier-associated membrane protein 2 | SCAMP2                                    |
| Q8IWY4    | Signal peptide, CUB and EGF-like domain-containing protein 1 | SCUBE1                                      |
| Q9UBC9    | Small proline-rich protein 3            | SPRR3                                           |
| Q13487    | snRNA-activating protein complex subunit 2 | SNAPC2                                      |
| Q9S343    | Homeobox protein SIX3                   | SIX3                                             |
| Q9HW8     | Protein SMG9                            | SMG9                                            |
| O43541    | Mothers against decapentaplegic homolog 6 | SMAD6                                       |
| Q3ZLR7    | Transcription factor SPT20 homolog-like 1 | SUPT20HL1                                   |
| Q16637    | Survival motor neuron protein           | SMN1                                            |
| P62318    | Small nuclear ribonucleoprotein Sm D3   | SNRPD3                                          |
| Q98PZ7    | Target of rapamycin complex 2 subunit MAPKAP1 | MAPKAP1                                  |
| Q15370    | Transcription factor SOX-12             | SOX12                                            |
| Q8NDB3    | SLAIN motif-containing protein 1         | SLAIN1                                           |
| Q15532    | Protein SSX1                            | SS18                                            |
| Q8TCY0    | Small integral membrane protein 11B     | SMIM11B                                         |
| Q5T4T6    | Synaptonemal complex protein 2-like     | SYCP2L                                           |
| P82094    | TATA element modulatory factor          | TMF1                                            |
| P59955    | STAR-related lipid transfer protein 6   | STARD6                                          |
| Q96SI9    | Spermatid perinuclear RNA-binding protein | STRBP                                          |
| P09132    | Signal recognition particle 19 kDa protein | SRP19                                      |
| Q13242    | Serine/arginine-rich splicing factor 9   | SRSF9                                           |
| P23327    | Sarcoplasmic reticulum histidine-rich calcium-binding protein | HRC                                      |
| Q96RI8    | Trace amine-associated receptor 6        | TAAR6                                           |
| Accession | Description |
|-----------|-------------|
| Q9Y6J9    | TAF6-like RNA polymerase II p300/CBP-associated factor-associated factor 65 kDa subunit 6L |
| O75764    | Transcription elongation factor A protein 3 |
| P50990    | T-complex protein 1 subunit theta |
| Q86UD7    | TBC1 domain family member 26 |
| Q9C0C2    | 182 kDa tankyrase-1-binding protein |
| Q6YHU6    | Thyroid adenoma-associated protein |
| P59543    | Taste receptor type 2 member 20 |
| P62987    | Ubiquitin-60S ribosomal protein L40 |
| P09651    | Heterogeneous nuclear ribonucleoprotein A1 |
| O14802    | DNA-directed RNA polymerase III subunit RPC1 |
| Q93091    | Ribonuclease K6 |
| Q96KN7    | X-linked retinitis pigmentosa GTPase regulator-interacting protein 1 |
| Q8TAA1    | Probable ribonuclease 11 |
| Q8N122    | Regulatory-associated protein of mTOR |
| Q6PCB5    | Lysine-specific demethylase RSBN1L |
| P62753    | 40S ribosomal protein S6 |
| Q5TD94    | Radial spoke head protein 4 homolog A |
| Q9Y694    | Solute carrier family 22 member 7 |
| Q96Q1     | Solute carrier family 25 member 36 |
| Q81E54    | Anion exchange transporter |
| Q8IXA5    | Sperm acrosome membrane-associated protein 3 |
| Q9NZJ4    | Sacsin |
| O14975    | Very long-chain acyl-CoA synthetase |
| Q9BY42    | Replication termination factor 2 |
| Q3621     | Solute carrier family 12 member 1 |
| Q96ST9    | Rhotekin |
| P55017    | Solute carrier family 12 member 3 |
| O76054    | SEC14-like protein 2 |
| P62304    | Small nuclear ribonucleoprotein E |
| Q81Y34    | Solute carrier family 15 member 36 |
| Q9Y265    | RuvB-like 1 |
| P41440    | Reduced folate transporter |
| Q9BUV0    | Arginine/serine-rich protein 1 |
| Q8WYR4    | Radial spoke head 1 homolog |
| P48066    | Sodium- and chloride-dependent GABA transporter 3 |
| Q9GZN6    | Orphan sodium- and chloride-dependent neurotransmitter transporter NTTS |
| Q9H228    | Sphingosine 1-phosphate receptor 5 |
| PDDJ9     | Serum amyloid A-2 protein |
| Q08357    | Sodium-dependent phosphate transporter 2 |
| Q9H015    | Solute carrier family 22 member 4 |
| O75298    | Reticulon-2 |
| Q96LT4    | Sphingomyelin synthase-related protein 1 |
| Q75446    | Histone deacetylase complex subunit SAP30 |
| Q8NE22    | SET domain-containing protein 9 |
| Q98W15    | Splicing factor 3B subunit 5 |
| Accession | Name                                      | Description                                      |
|-----------|-------------------------------------------|--------------------------------------------------|
| A0A286YF4 | Small cysteine and glycine repeat-containing protein 5 | SCYGR5                                           |
| Q5TG53    | Putative uncharacterized protein SERTAD4-A51 | SERTAD4-A51                                      |
| Q09961    | Endophilin-A2                              | SH3GL1                                           |
| Q5TEA6    | Protein sel-1 homolog 2                   | SELECT2                                          |
| Q9UQC2    | SH2B adapter protein 3                    | SH2B3                                            |
| Q9915     | Selenocysteine lyase                       | SCLY                                             |
| Q9P0V3    | SH3 domain-binding protein 4               | SH3BP4                                           |
| Q8NEM2    | SHC SH2 domain-binding protein 1           | SHCBP1                                           |
| Q9Y6X1    | Stress-associated endoplasmic reticulum protein 1 | SERP1                                           |
| Q96R99    | N-terminal kinase-like protein             | SCYL1                                            |
| P68004    | Sestrin-2                                  | SESN2                                            |
| Q12884    | Prolyl endopeptidase FAP                   | FAP                                              |
| P34741    | Syndecan-2                                 | SDC2                                             |
| Q76038    | Secretagogin                               | SCGN                                             |
| Q8N4B1    | Sesquipedalian-1                          | PHETA1                                           |
| P04279    | Semenogelin-1                             | SEMG1                                            |
| Q8NEC0    | tRNA-splicing endonuclease subunit Sen2    | TSEN2                                            |
| Q52WX2    | Serine/threonine-protein kinase SBK1       | SBK1                                             |
| Q584V9    | Shadow of prion protein                    | SPRN                                             |
| Q75711    | Scrapie-responsive protein 1               | SCRG1                                            |
| B1AK76    | Putative SNURF-like protein                | SNURFL                                           |
| P62314    | Small nuclear ribonucleoprotein Sm D1      | SNRPD1                                           |
| Q99L6     | Homeobox protein SIX4                       | SIX4                                             |
| A6NGZ8    | Small integral membrane protein            | SMIM9                                            |
| Q8N0U3    | Phosphatidylcholine:ceramide cholinephosphotransferase 2 | SGMS2 |
| Q9HD40    | O-phosphoseryl-tRNA transferase small subunit B | SEPSECS |
| Q8NFR3    | Serine palmitoyltransferase small subunit B | SPTSSB                                           |
| A0A494CO8 | Putative speedy protein E21               | SPDYE21                                          |
| P35712    | Transcription factor SOX-6                | SOX6                                             |
| Q06945    | Transcription factor SOX-4                | SOX4                                             |
| Q99POV8   | SLAM family member 8                       | SLAMF8                                           |
| P29508    | Serpin B3                                 | SERPINB3                                         |
| Q95149    | Snurportin-1                               | SNPUPN                                           |
| P19623    | Spermidine synthase                        | SLM                                               |
| Q07837    | Neutral and basic amino acid transport protein rBAT | SLC3A1 |
| Q99UL8    | Protein Shroom4                            | SHROOM4                                          |
| O15266    | Short stature homeobox protein             | SHOX                                             |
| O00338    | Sulfo transferase 1C2                      | SULT1C2                                          |
| Q86EY1    | Transmembrane protein B8                  | TMEM88                                           |
| Q99523    | Sortilin                                  | SORT1                                            |
| Q8NE28    | Serine/threonine kinase-like domain-containing protein | STKL1D1 |
| P78362    | SRSF protein kinase 2                      | SRPK2                                            |
| P78539    | Sushi repeat-containing protein             | SRPX                                             |
| P51571    | Translocon-associated protein subunit delta | SSR4                                            |
| Q8W0X9    | Splicing regulatory glutamine/lysine-rich protein 1 | SREK1 |
| A2A2V5    | Serine-rich and transmembrane domain-containing protein 1 | SERTM1 |
| Q9NNVY8   | TBC1 domain family member 23              | TBC1D23                                          |
| Q96E15    | Transcription elongation factor A protein-like 4 | TCEAL4 |
| Q99JUO    | Tubulin epsilon chain                      | TUBF1                                            |
| Q9EDN5    | TBC1 domain family member 31              | TBC1D31                                          |
| P0C7X1    | TBC1 domain family member 3H               | TBC1D3H                                          |
| Q1AE95    | Transmembrane protein 1B3                 | TMEM183B                                         |
| ID     | Protein Name                                      | Accession | Gene ID      |
|--------|--------------------------------------------------|-----------|--------------|
| Q9Y2B9 | cAMP-dependent protein kinase inhibitor gamma    | PKIG      |             |
| Q9NV39 | Integrator complex subunit 13                    | INTS13    |             |
| Q2VIQ3 | Chromosome-associated kinesin KIF4B              | KIF4B     |             |
| Q13241 | Natural killer cells antigen CD94                | KLRD1     |             |
| Q92806 | G protein-activated inward rectifier potassium channel 3 | KCNJ9 |             |
| A1AS580| Keratin-associated protein 23-1                  | KRTAP23-1 |             |
| Q6L8G5 | Keratin-associated protein 5-10                  | KRTAP5-10 |             |
| Q3LI58 | Keratin-associated protein 21-1                  | KRTAP21-1 |             |
| Q8N743 | Killer cell immunoglobulin-like receptor 3DL3    | KIR3DL3   |             |
| P23443 | Ribosomal protein S6 kinase beta-1               | RPS6KB1   |             |
| Q75449 | Katanin p60 ATPase-containing subunit A1         | KATNA1    |             |
| P24723 | Protein kinase C eta type                        | PRKCH     |             |
| Q9Y751 | Protein LDOC1                                    | LDOC1     |             |
| Q16288 | NT-3 growth factor receptor                      | NTRK3     |             |
| Q8NGC2 | Olfactory receptor 4E2                           | OR4E2     |             |
| P61457 | Pterin-4-alpha-carbinolamine dehydratase         | PCBD1     |             |
| Q9UBZ9 | DNA repair protein REV1                          | REV1      |             |
| P57708 | Receptor-interacting serine/threonine-protein kinase 4 | RIPK4 |             |
| P6899 | 60S ribosomal protein L31                        | RPL31     |             |
| Q62NA4 | E3 ubiquitin-protein ligase                      | RNF111    |             |
| Q6PL18 | 39S ribosomal protein L14, mitochondrial         | MRPL14    |             |
| Q99942 | E3 ubiquitin-protein ligase RNF5                 | RNF5      |             |
| Q968F5 | Protein RNAD1                                    | RNAD1     |             |
| P0DKV0 | Putative spermatogenesis-associated protein 31C1 | SPATA31C1 |             |
| P0CK96 | Solute carrier family 35 member E2B             | SLC35E2B  |             |
| Q9Y267 | Solute carrier family 22 member 14              | SLC22A14  |             |
| Q57Q4 | Solute carrier family 35 member                  | SLC35F1   |             |
| Q62Q2 | Spermatogenesis-associated protein 31D1          | SPATA31D1 |             |
| A4IF30 | Solute carrier family 35 member                  | SLC35F4   |             |
| Q6NUJ1 | Proactivator polypeptide-like 1                  | PSAPL1    |             |
| Q9BYC2 | Succinyl-CoA-3-ketoacid coenzyme A transferase 2, mitochondrial | OXCT2 |             |
| Q9NRP4 | Succinate dehydrogenase assembly factor 3, mitochondrial | SDHAF3 |             |
| Q6ZNX1 | Shieldin complex subunit 3                       | SHLD3     |             |
| Q9Y62F | SH2B adapter protein 1                           | SH2B1     |             |
| Q98X5 | Sphingosine-1-phosphate phosphatase 1            | SGPP1     |             |
| Q58F2 | Sigma intracellular receptor 2                   | TMEM97    |             |
| Q13595 | Semaphorin-5A                                    | SEMA5A    |             |
| Q9H299 | SH3 domain-binding glutamic acid-rich-like protein 3 | SH3BGRL3 |             |
| P35948 | Sodium channel protein type 1 subunit alpha      | SCN1A     |             |
| Q8IW2 | Pulmonary surfactant-associated protein A1       | SFTPA1    |             |
| Q8IW1 | Pulmonary surfactant-associated protein A2       | SFTPA2    |             |
| P50454 | Serpin H1                                        | SERPINH1  |             |
| P53794 | Sodium/myo-inositol cotransporter                | SLC5A3    |             |
| Q9HC62 | Sentrin-specific protease 2                      | SENP2     |             |
| Q9Y6X3 | MAU2 chromatin cohesion factor homolog           | MAU2      |             |
| Accession | Description                                                                 | Gene Symbol |
|-----------|------------------------------------------------------------------------------|-------------|
| Q9UQD0    | Sodium channel protein type 8 subunit alpha                                  | SCN8A       |
| P05060    | Secretogranin-1                                                              | CHGB        |
| Q9NRH2    | SNF-related serine/threonine-protein kinase                                  | SNRK        |
| Q8WV10    | Small integral membrane protein                                              | SMIM4       |
| P0DMW4    | Small integral membrane protein 10-like protein 2A                           | SMIM10L2A   |
| Q9UMY4    | Sorting nexin-12                                                             | SNX12       |
| Q8IVB4    | Sodium/hydrogen exchanger 9                                                  | SLC9A9      |
| Q6STE5    | SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily D member 3 | SMARCD3     |
| Q96BD0    | Solute carrier organic anion transporter family member 4A1                  | SLC04A1     |
| Q94933    | SLIT and NTRK-like protein 3                                                  | SLTRK3      |
| P08294    | Extracellular superoxide dismutase                                            | SOD3        |
| Q75093    | Slt homolog 1 protein                                                        | SUT1        |
| Q96L03    | Spermatogenesis-associated protein 17                                         | SPATA17     |
| Q08AE8    | Protein spire homolog 1                                                       | SPIRE1      |
| Q96A28    | SLAM family member 9                                                          | SLAMF9      |
| O15269    | Serine palmitoyltransferase 1                                                | SPTLC1      |
| Q9H0F6    | Sharpin                                                                      | SHARPIN     |
| Q96PQ1    | Sialic acid-binding Ig-like lectin                                           | SIGLEC12    |
| O15270    | Serine palmitoyltransferase 2                                                | SPTLC2      |
| P15907    | Beta-galactoside alpha-2,6-sialyltransferase 1                                | ST6GAL1     |
| Q9H4F1    | Alpha-N-acetyl-neuraminyl-2,3-beta-galactosyl-1,3-N-acetyl-galactosaminide alpha-2,6-sialyltransferase | ST6GALNA C4 |
| O94864    | STAGA complex 65 subunit gamma                                                | SUPT7L      |
| Q9NY57    | Serine/threonine-protein kinase 32B                                           | STK32B      |
| P46977    | Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit STT3A | STT3A       |
| P56962    | Syntaxin-17                                                                  | STX17       |
| Q86Y82    | Syntaxin-12                                                                  | STX12       |
| P61011    | Signal recognition particle 54 kDa protein                                   | SRP54       |
| Q06330    | Recombining binding protein suppressor of hairless                           | RBPJ        |
| Q16629    | Serine/arginine-rich splicing factor 7                                        | SRSF7       |
| Q15046    | Lysine--tRNA ligase                                                           | KARS1       |
| O43776    | Asparagine--tRNA ligase, cytoplasmic                                         | NARS1       |
| O95359    | Transforming acidic coiled-coil-containing protein 2                          | TACC2       |
| Q9NY50    | NF-kappa-B inhibitor-interacting Ras-like protein 1                           | NIKIRAS1    |
| Q13303    | Voltage-gated potassium channel subunit beta-2                               | KCNAB2      |
| A0A0756H77| Probable non-functional immunoglobulin kappa variable 3-7                    | IGKV3-7     |
| Q9HBH9    | MAP kinase-interacting serine/threonine-protein kinase 2                     | MKNK2       |
| Q5VZ52    | MORN repeat-containing protein 5                                              | MORN5       |
| Q8NWDC4   | MORN repeat-containing protein 4                                              | MORN4       |
| O15427    | Monocarboxylate transporter 4                                                | SLC16A3     |
| Acynonym | Gene Name |
|----------|-----------|
| Q96J66  | ATP-binding cassette sub-family C member 11 (ABCC11) |
| Q96DY7  | Mdm2-binding protein (MTBP) |
| P43121  | Cell surface glycoprotein MUC18 (MCAM) |
| Q9HD85  | Neurexin-3-beta (NRXN3) |
| Q14980  | Nuclear mitotic apparatus protein 1 (NUMA1) |
| Q8NGX9  | Olfactory receptor 6P1 (OR6P1) |
| Q723H0  | Photoreceptor ankyrin repeat protein (ANKRD33) |
| Q9Y5H4  | Proctacrin gamma-A1 (PCDHA1) |
| Q9Y5G7  | Proctacrin gamma-A6 (PCDHA6) |
| Q06710  | Paired box protein Pax-8 (PAX8) |
| P20142  | Gastricin (PGC) |
| O75594  | Peptidoglycan recognition protein 1 (PGLYRP1) |
| Q9UP7V | PHD finger protein 24 (PHF24) |
| Q04671  | P protein (OCA2) |
| P35244  | Replication protein A 14 kDa subunit (RPA3) |
| Q9Y572  | Receptor-interacting serine/threonine-protein kinase 3 (RIPK3) |
| P52815  | 39S ribosomal protein L12, mitochondrial (MRPL12) |
| Q96A35  | 39S ribosomal protein L24, mitochondrial (MRPL24) |
| P62487  | DNA-directed RNA polymerase II subunit RPB7 (PLOR2G) |
| P19387  | DNA-directed RNA polymerase II subunit RPB3 (PLOR2C) |
| Q9GZN7  | Protein rogdi homolog (ROGD1) |
| Q16518  | Retinoid isomerase (RPE65) |
| P49247  | Ribose-5-phosphate isomerase (RPIA) |
| O65018  | Ran-binding protein 6 (RANBP6) |
| Q96A37  | E3 ubiquitin-protein ligase (RNF166) |
| Q96DH1  | E3 ubiquitin-protein ligase (RNF25) |
| Q96D59  | E3 ubiquitin-protein ligase (RNF183) |
| Q9Y3A4  | Ribosomal RNA-processing protein 7 homolog A (RRP7A) |
| Q53EL9  | Seizure protein 6 homolog (SEZ6) |
| Q99985  | Semaphorin-3C (SEMA3C) |
| Q9Y220  | Protein 5G1 homolog (SUGT1) |
| Q13275  | Semaphorin-3F (SEMA3F) |
| Q6ZPB5  | Stress-responsive DNAJB4-interacting membrane protein 1 (SDIM1) |
| Q75533  | Splicing factor 3B subunit 1 (SF3B1) |
| Q8WWW9X| Selenoprotein M (SELENOM) |
| Q98TD1  | Putative uncharacterized protein SHANK2-AS3 (SHANK2-AS3) |
| P58005  | Sestrin-3 (SESN3) |
| Q75056  | Syndecan-3 (SDC3) |
| Q6IQ49  | Replication stress response regulator SDE2 (SDE2) |
| Q8WWW1  | tRNA-splicing endonuclease subunit Sen15 (TSEN15) |
| Q14160  | Protein scribble homolog (SCRIB) |
| Q99947  | Gamma-soluble NSF attachment protein (NAPG) |
| Q5VX52  | Spermatogenesis-associated protein 1 (SPATA1) |
| O15198  | Mothers against decapentaplegic homolog 9 (SMAD9) |
| Q61Q16  | Speckle-type POZ protein-like (SPOPL) |
| Q98L3  | Small integral membrane protein (SMIM3) |
| Q9Y2K2  | Serine/threonine-protein kinase SIK3 (SIK3) |
| Q99954  | Submaxillary gland androgen-regulated protein 3A (SMR3A) |
| Accession | Description                                                                 | Gene   |
|-----------|------------------------------------------------------------------------------|--------|
| Q9Y6L6    | Solute carrier organic anion transporter family member 1B1                   | SLCO1B1|
| Q94813    | Slt homolog 2 protein                                                         | SLIT2  |
| O14544    | Suppressor of cytokine signaling 6                                            | SOCS6  |
| O15304    | Apoptosis regulatory protein Sva                                              | SIVA1  |
| Q5M09     | Sperm protein associated with the nucleus on the X chromosome N3             | SPANXN3|
| O43173    | Sia-alpha-2,3-Gal-beta-1,4-GlcNac-Ralpha 2,8-sialylltransferase               | ST8SIA3|
| Q9Y6N5    | Sulfide:quinone oxidoreductase, mitochondrial                                | SQOR   |
| Q9UNP4    | Lactosylceramide alpha-2,3-sialyltransferase                                  | ST3GAL5|
| Q9RT9     | DNA replication complex GINS protein SLD5                                     | GINS4  |
| Q99909    | Protein SSX3                                                                  | SSX3   |
| P16949    | Stathmin                                                                    | STIM1  |
| Q9UJZ1    | Stomatin-like protein 2, mitochondrial                                       | STOML2 |
| Q9UGK3    | Signal-transducing adaptor protein 2                                          | STAP2  |
| Q7RTU9    | Sterocilin                                                                   | STRC   |
| P41252    | Isoleucine--tRNA ligase, cytoplasmatic                                        | IARS1  |
| Q9UMZ2    | Synergin gamma                                                                | SYNRG  |
| Q8IZX4    | Transcription initiation factor TFIIID subunit 1--like                       | TAF1L  |
| Q8NG95    | Olfactory receptor 7G3                                                        | OR7G3  |
| Q9NZP0    | Olfactory receptor 6C3                                                        | OR6C3  |
| Q15646    | 2--5--oligoadenylate synthase--like protein                                  | OASL   |
| Q7RTM1    | Proton channel OTOP1                                                          | OTOP1  |
| Q86YG4    | 5--nucleotidase domain-containing protein 4                                   | NT5DC4|
| Q8NG99    | Olfactory receptor 7G2                                                        | OR7G2  |
| Q8NGB4    | Olfactory receptor 4S1                                                        | OR4S1  |
| Q8NG85    | Olfactory receptor 2L3                                                        | OR2L3  |
| Q5VU65    | Nuclear pore membrane glycoprotein 210-like                                   | NUP210L|
| Q9NVN7    | Alpha-parvin                                                                  | PARVA  |
| Q53H96    | Pyrroline-5-carboxylate reductase 3                                           | PYCR3  |
| P11309    | Serine/threonine--protein kinase pim-1                                        | PIM1   |
| Q5SXH7    | Pleckstrin homology domain-containing family S member 1                       | PLEKHS1|
| P60900    | Proteasome subunit alpha type-6                                               | PSMA6  |
| Q5VT98    | PRAME family member 20                                                         | PRAMEF20|
| Q6UWS5    | Protein PET117 homolog, mitochondrial                                        | PET117 |
| Q8WUK0    | Phosphatidyglycerophosphatase and protein-tyrosine phosphatase 1              | PTPMT1 |
| Q9NYN1    | Ras-like protein family member                                                | RASL12 |
| Q9HCM1    | Retroelement silencing factor 1                                               | RESF1  |
| O14921    | Regulator of G--protein signaling 1                                            | RGS13  |
| Q96CC6    | Inactive rhomboid protein 1                                                   | RHBDF1 |
| P17081    | Rho-related GTP-binding protein RhoQ                                            | RHOQ   |
| Q13156    | Replication protein A 30 kDa subunit                                          | RPA4   |
| Q13546    | Receptor--interacting serine/threonine--protein kinase 1                      | RIPK1  |
| P46779    | 60S ribosomal protein L28                                                      | RPL28  |
| Q13405    | 39S ribosomal protein L49, mitochondrial                                       | MRPL49 |
| Q9UHA3 | Probable ribosome biogenesis protein RLP24 | RSL24D1 |
| Q9BRJ2 | 39S ribosomal protein L45, mitochondrial | MRPL45 |
| Q96DB5 | Regulator of microtubule dynamics protein 1 | RMDN1 |
| Q8NSL8 | Ribonuclease P protein subunit p25-like protein | RPP25L |
| Q9BS91 | Probable UDP-sugar transporter protein SLC35A5 | SLC35A5 |
| Q9Y3V2 | RWD domain-containing protein | RWDD3 |
| Q6ZE4 | Solute carrier family 22 member 10 | SLC22A10 |
| Q9NVS2 | 39S ribosomal protein S18a, mitochondrial | MRPS18A |
| Q6ZU80 | Spermatogenesis-associated protein 31D4 | SPATA31D4 |
| Q3764 | Protein S100-A3 | S100A3 |
| Q13333 | Zinc transporter ZIP6 | SLC39A6 |
| Q13280 | 28S ribosomal protein S12, mitochondrial | MRPS12 |
| Q6ZDA7 | Sperm-associated antigen 11A | SPAG11A |
| Q92835 | Phosphatidylinositol 3,4,5-trisphosphate 5-phosphatase 1 | INPP5D |
| AA2866YE | Small cysteine and glycine repeat-containing protein 10 | SCYGR10 |
| Q95171 | Scellin | SCEL |
| Q96W7 | Vesicle-trafficking protein SEC22a | SEC22A |
| P51357 | Amiloride-sensitive sodium channel subunit gamma | SCN1G |
| Q92911 | Sodium/oxyde cotransporter | SLC5A5 |
| Q01118 | Sodium channel protein type 7 subunit alpha | SCN7A |
| Q6AZA7 | Scavenger receptor class A member 3 | SCAR3A |
| Q6UX34 | Protein SNOC | SNORC |
| O15105 | Mothers against decapentaplegic homolog 7 | SMAD7 |
| Q75988 | Sterol O-acyltransferase 2 | SOAT2 |
| P223531 | Small proline-rich protein 2E | SPPR2E |
| Q68C96 | Nuclear GTPase SLIP-GC | NUGGC |
| Q8NM0X | Sperm-associated antigen 18 protein | SPAG16 |
| O14583 | Suppressor of cytokine signaling 2 | SOCS2 |
| Q9H106 | Signal-regulatory protein delta | SIRPD |
| Q3XSP7 | Protein shisa-like-1 | SHISAL1 |
| Q7M176 | Protein phosphatase Slingshot homolog 2 | SSH2 |
| Q7M661 | Stanniocalcin-2 | STC2 |
| Q9UBH9 | Signal recognition particle subunit SRP68 | SRP68 |
| Q8NEQ6 | Steroid receptor-associated and regulated protein | SRARP |
| Q9UK1 | Paired immunoglobulin-like type 2 receptor alpha | PILRA |
| Q9BY49 | Peroxisomal trans-2-enoyl-CoA reductase | PEKR |
| Q96GM1 | Phospholipid phosphatase-related protein type 2 | PLPP2 |
| Q9UKY4 | Protein O-mannosyl-transferase 2 | POMT2 |
| A6N147 | Putative POTE ankyrin domain family member M | POTEM |
| Q96M16 | Protein phosphatase 1M | PPM1M |
| Q96A00 | Protein phosphatase 1 regulatory subunit 14A | PP1R14A |
| Q9Y42 | Sieckstrin homology domain-containing family M member 1 | PLEKHM1 |
| Q00577 | Transcriptional activator protein Pur-alpha | PURA |
| Accession | Description | Gene Symbol |
|-----------|-------------|-------------|
| Q06124    | Tyrosine-protein phosphatase non-receptor type 11 | PTPN11 |
| Q05209    | Tyrosine-protein phosphatase non-receptor type 12 | PTPN12 |
| W6QW81    | Pyrin domain-containing protein 5 | PYDC5 |
| P4B77S    | 60S ribosomal protein L27a | RPL27A |
| Q8WU17    | E3 ubiquitin-protein ligase | RNFL139 |
| P32969    | 60S ribosomal protein L9 | RPL9 |
| Q5VYX0    | Renalase | RNLS |
| O15160    | DNA-directed RNA polymerases I and III subunit RPAC1 | POLR1C |
| Q9Y2J0    | Rabphilin-3A | RPH3A |
| Q9BQ52    | Zinc phosphodiesterase ELAC protein 2 | ELAC2 |
| Q9Y6S9    | Ribosomal protein S6 kinase-like | RPS6KL1 |
| P10153    | Non-secretory ribonuclease | RNASE2 |
| Q9UI1L    | Short coiled-coil protein | SCOC |
| Q15047    | Histone-lysine N-methyltransferase SETD1B | SETD1B |
| Q8TBK2    | N-lysine methyltransferase SETD6 | SETD6 |
| Q9NS98    | Semaphorin-3G | SEMA3G |
| Q9H788    | SH2 domain-containing protein 4A | SH2D4A |
| Q655L8    | SHC-transforming protein 4 | SHC4 |
| Q9Y6P5    | Sestrin-1 | SESN1 |
| Q9UPS6    | Histone-lysine N-methyltransferase SETD1B | SETD1B |
| O43236    | Septin-4 | SEPTIN4 |
| Q9BY50    | Signal peptidase complex catalytic subunit SEC11C | SEC11C |
| Q75396    | Vesicle-trafficking protein SEC22b | SEC22B |
| P31641    | Sodium- and chloride-dependent taurine transporter | SLC6A6 |
| P60880    | Synaptosomal-associated protein 25 | SNAP25 |
| Q9HBX3    | Uncharacterized protein encoded by SND1-IT1 | SND1-IT1 |
| Q14940    | Sodium/hydrogen exchanger 5 | SLC9A5 |
| P57059    | Serine/threonine-protein kinase SIK1 | SIK1 |
| Q98YE4    | Small proline-rich protein 2G | SPRR2G |
| Q92540    | Protein SMG7 | SMG7 |
| Q9Y6W7    | Sorting nexin-14 | SNX14 |
| Q9NL94    | Sorting nexin-22 | SNX22 |
| A8MU46    | Smoothelin-like protein 1 | SMTNL1 |
| Q76KD6    | Sperolin | SPATC1 |
| A6N0V3    | Putative speedy protein E16 | SPDYE16 |
| Q726J5    | Spermatogenesis-associated protein 12 | SPATA12 |
| Q5JX9     | Signal-regulatory protein beta-2 | SIRPB2 |
| Q99R10    | Spermatogenesis-associated protein 25 | SPATA25 |
| Q9H5Y7    | SLIT and NTRK-like protein 6 | SLITRK6 |
| P35711    | Transcription factor SOX-5 | SOX5 |
| Q7JS94    | Slit homolog 3 protein | SLIT3 |
| Q49273    | Schlafen-like protein 1 | SLFN1L |
| Q8NB72    | Kinetochore protein Spc24 | SPC24 |
| Q0P670    | Uncharacterized protein SPEM2 | SPEM2 |
| A6N0M81   | Sialic acid-binding Ig-like lectin | SIGLEC16 |
| Q99932    | Sperm-associated antigen 8 | SPAG8 |
| P78324    | Tyrosine-protein phosphatase non-receptor type substrate 1 | SIRPA |
| Q96I7J    | Spatacin | SPG11 |
| Q8WXE9    | Stonin-2 | STON2 |
| Q9Y3F4    | Serine-threonine kinase receptor-associated protein | STRAP |
| Q9UBN4    | Short transient receptor potential channel 4 | TRPC4 |
| Accession | Description                                                                 |
|-----------|-----------------------------------------------------------------------------|
| Q8TCJ2    | Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit STT3B |
| Q5T5J6    | Transcriptional protein SWT1                                                |
| Q2M3V2    | Ankyrin repeat domain-containing protein SOWAHA                             |
| Q96GP6    | Scaevenger receptor class F member 2                                          |
| Q75631    | Uroplakin-3a                                                                |
| O43295    | SLIT-ROBO Rho GTPase-activating protein 3                                    |
| Q9NPD8    | Ubiquitin-conjugating enzyme E2 T                                            |
| O15400    | Syntaxin-7                                                                  |
| A2VEC9    | SCO-spondin                                                                 |
| Q00186    | Syntaxin-binding protein 3                                                   |
| Q9H3Y6    | Tyrosine-protein kinase Srms                                                 |
| Q9BYNO    | Sulfiredoxin-1                                                              |
| Q9B295    | Histone-lysine N-methyltransferase NSD3                                      |
| Q6NH72    | Offactory receptor 4C6                                                       |
| P57054    | Phosphatidylinositol N-acetylglucosaminyltransferase subunit P               |
| Q8IXK0    | Polyhomeotic-like protein 2                                                  |
| Q03052    | POU domain, class 3, transcription factor 1                                  |
| O15018    | PDZ domain-containing protein 2                                              |
| Q13427    | Peptidyl-prolyl cis-trans isomerase G                                       |
| O00469    | Procollagen-lysine,2-oxoglutarate 5-dioxxygenase 2                          |
| P49683    | Prolactin-releasing peptide receptor                                          |
| Q6PGN9    | Proline/serine-rich coiled-coil protein 1                                    |
| O60542    | Persephin                                                                   |
| Q6ZW05    | Patched domain-containing protein 4                                          |
| P29074    | Tyrosine-protein phosphatase non-receptor type 4                             |
| Q9H2M9    | Rab3 GTPase-activating protein non-catalytic subunit                         |
| Q9Y594    | RasGAP-activating-like protein 1                                             |
| Q9UKA8    | Calcispressin-3                                                             |
| P42331    | Rho GTPase-activating protein 25                                             |
| Q6GYQ0    | Ral GTPase-activating protein subunit alpha-1                                |
| P20337    | Ras-related protein Rab-3B                                                   |
| Q2M1Z3    | Rho GTPase-activating protein 31                                             |
| A8MT19    | Putative rhophilin-2-like protein RPN2P1                                      |
| Q8IU4C    | Rhophilin-2                                                                  |
| Q06587    | E3 ubiquitin-protein ligase RING1                                            |
| Q9NZE8    | 38S ribosomal protein L35, mitochondrial                                    |
| Q04912    | Macrophage-stimulating protein receptor                                      |
| Q8N4K4    | Reprimo-like protein                                                         |
| Q96AG3    | Solute carrier family 25 member 46                                           |
| Q9P1V8    | Sterile alpha motif domain-containing protein 15                             |
| Q3SY17    | Mitochondrial nicotinamide adenine dinucleotide transporter                  |
| Q9Y291    | 28S ribosomal protein S33, mitochondrial                                     |
| Gene ID   | Protein Name                             | Function                                                                 |
|----------|------------------------------------------|--------------------------------------------------------------------------|
| P26447   | Protein S100-A4                          |                                                                           |
| Q9BR70   | Zinc transporter ZIP3                    |                                                                           |
| Q9N126   | Zinc transporter ZIP1                    |                                                                           |
| Q5K4L6   | Solute carrier family 27 member 3        |                                                                           |
| Q43S11   | Pendrin                                  |                                                                           |
| Q9HAS3   | Solute carrier family 28 member 3        |                                                                           |
| Q14542   | Equilibrative nucleoside transporter 2   |                                                                           |
| Q59EK9   | RUN domain-containing protein 3A         |                                                                           |
| P82933   | 28S ribosomal protein S9, mitochondrial  |                                                                           |
| Q13761   | Runt-related transcription factor 3      |                                                                           |
| Q6P1X5   | Transcription initiation factor TFIIID subunit 2 |                                 |
| Q9Y3Z3   | Deoxynucleoside triphosphate triphosphohydrolase SAMHD1 |                               |
| O75880   | Protein SCO1 homolog, mitochondrial      |                                                                           |
| Q9BWM7   | Sideroflexin-3                           |                                                                           |
| Q9NR31   | GTP-binding protein SAR1a                |                                                                           |
| Q15393   | Splicing factor 3B subunit 3             |                                                                           |
| A0A286YEV6 | Small cysteine and glycin repeat-containing protein 4 |               |
| Q0H351   | Semaphorin-4A                            |                                                                           |
| Q99470   | Stromal cell-derived factor 2            |                                                                           |
| Q562F6   | Shugoshin 2                              |                                                                           |
| Q5S5Q7   | SH2 domain-containing protein             |                                                                           |
| Q96VE9   | Serine incorporator 5                    |                                                                           |
| A0PJK1   | Sodium/glucose cotransporter 5           |                                                                           |
| Q98VV6   | Small integral membrane protein          |                                                                           |
| Q9NRQ5   | Single-pass membrane and coiled-coil domain-containing protein 4 |                   |
| Q96T83   | Sodium/hydrogen exchanger 7              |                                                                           |
| Q1XB10   | SKI/DACH domain-containing protein 1     |                                                                           |
| Q96Q15   | Serine/threonine-protein kinase SMG1     |                                                                           |
| Q9UPK3   | Protein SMG5                             |                                                                           |
| Q95Z19   | Sorting nexin-4                          |                                                                           |
| A0A2R8YCJ5 | Small integral membrane protein 41      |                                                                           |
| Q7S5M9   | Suppressor of cytokine signaling 5       |                                                                           |
| Q43G10   | Protein sprouty homolog 3                |                                                                           |
| Q75940   | Survival of motor neuron-related-splicing factor 30 |                      |
| P35716   | Transcription factor SOX-11              |                                                                           |
| Q9NYA1   | Sphingosine kinase 1                     |                                                                           |
| Q996Q2   | Stonin-1                                 |                                                                           |
| B4DS77   | Protein shisa-9                          |                                                                           |
| P50225   | Sulfoxtransferase 1A1                    |                                                                           |
| Q0O204   | Sulfoxtransferase 2B1                    |                                                                           |
| Q69WY2   | Protein stum homolog                     |                                                                           |
| Q14662   | Syntaxin-16                              |                                                                           |
| P14410   | Sucrase-isomaltase, intestinal           |                                                                           |
| Q8NSC6   | S1 RNA-binding domain-containing protein 1 |                                           |
| Q13501   | Sequestosome-1                           |                                                                           |
| P36956   | Sterol regulatory element-binding protein 1 |                                       |
| Q92696   | Geranylgeranyl transferase type-2 subunit alpha |                                |
| Q9NJD9   | GPI mannosyltransferase 2                |                                                                           |
| Q9NEY8   | Periphilin-1                             |                                                                           |
| P53801   | Pituitary tumor-transforming gene 1 protein-interacting protein |                        |
| Q16647   | Prostacyclin synthase                    |                                                                           |
| Q6OK7    | Transmembrane protein PVRIG              |                                                                           |
| Q9NYR8   | Retinol dehydrogenase 8                  |                                                                           |
| Protein ID | Description                                                                 |
|-----------|------------------------------------------------------------------------------|
| Q8N3Y7    | Epidermal retinol dehydrogenase 2                                            |
| Q92781    | Retinol dehydrogenase 5                                                      |
| Q13127    | RE1-silencing transcription factor REST                                       |
| P35251    | Replication factor C subunit 1 RFC1                                          |
| Q96A58    | Ras-related and estrogen-regulated growth inhibitor RERG                     |
| Q96EH5    | 60S ribosomal protein L39-like RPL39L                                       |
| P47914    | 60S ribosomal protein L29                                                     |
| Q7Z7H8    | 39S ribosomal protein L10, mitochondrial MRPL10                               |
| Q9BYC9    | 39S ribosomal protein L20, mitochondrial MRPL20                               |
| Q9BQ48    | 39S ribosomal protein L34, mitochondrial MRPL34                               |
| Q9Y2Y1    | DNA-directed RNA polymerase III subunit RPC10 PDL3K                          |
| P08922    | Proto-oncogene tyrosine-protein kinase ROS ROS1                              |
| P61218    | DNA-directed RNA polymerases I, II, and III subunit RPABC2 PDL2F              |
| P30876    | DNA-directed RNA polymerase II subunit RPB2 PDL2B                            |
| P63220    | 40S ribosomal protein S21 RPS21                                              |
| Q8IVM8    | Solute carrier family 22 member 9 SLC22A9                                    |
| Q9NQQ7    | Solute carrier family 35 member 2 C2 SLC35C2                                  |
| P57060    | RWD domain-containing protein 2B RWDD2B                                      |
| Q722H8    | Proton-coupled amino acid transporter 1 SLC36A1                               |
| Q9NVNC3   | Putative sodium-coupled neutral amino acid transporter 7 SLC38A7             |
| Q9Y226    | Solute carrier family 22 member 13 SLC22A13                                  |
| Q8NBW4    | Sodium-coupled neutral amino acid transporter 9 SLC38A9                      |
| Q5PCB7    | Long-chain fatty acid transport protein 1 SLC27A1                             |
| P31151    | Protein S100-A7 S100A7                                                       |
| Q86VL8    | Multidrug and toxin extrusion protein 2 SLC47A2                              |
| Q7Z3Q1    | Solute carrier family 46 member 3 SLC46A3                                    |
| Q17RB0    | Retrotransposon Gag-like protein 8B RTL8B                                     |
| O43304    | SEC14-like protein 5 SEC14L5                                                  |
| Q86UC2    | Radial spoke head protein 3 homolog RSPH3                                    |
| Q8N755    | Solute carrier family 66 member 3 SLC66A3                                    |
| Q86SG5    | Protein S100-A7A S100A7A                                                     |
| Q8N697    | Solute carrier family 15 member 4 SLC15A4                                    |
| O95977    | Sphingosine 1-phosphate receptor 4 S1PR4                                      |
| Q9H1V8    | Sodium-dependent neutral amino acid transporter SLC6A17 SLC6A17              |
| Q15020    | Squamous cell carcinoma antigen recognized by T-cells 3 SART3                |
| Q65ZW1    | NAD SARM1                                                                   |
| Q75751    | Solute carrier family 22 member 3 SLC22A3                                    |
| Q13950    | Runt-related transcription factor 2 RUNX2                                    |
| Q5QG7T    | Receptor-transporting protein 2 RTP2                                         |
| Q6SPF0    | Atherin SAMD1                                                                |
| P21673    | Diamine acetyltransferase 1 SAT1                                             |
| Q9COD5    | Protein TANC1 TANC1                                                         |
| Q96W2     | SH2 domain-containing adapter protein D SHD                                   |
| Q5VZ18    | SH2 domain-containing adapter protein E SHE                                   |
| Gene ID   | Protein Name                                                                 | Description                                      |
|----------|------------------------------------------------------------------------------|--------------------------------------------------|
| Q96BR1   | Serine/threonine-protein kinase Sgk3                                           | SGK3                                             |
| Q96ES7   | SAGA-associated factor 29                                                     | SGF29                                            |
| P43007   | Neutral amino acid transporter A                                             | SLC1A4                                          |
| Q8WVN6   | Secreted and transmembrane protein 1                                         | SECTM1                                           |
| Q9NW9H4  | SAFB-like transcription modulator                                            | SLTM                                             |
| Q8IYR2   | SET and MYND domain-containing protein 4                                     | SMYD4                                            |
| Q9P6P1   | Small proline-rich protein 4                                                  | SPRYD4                                          |
| Q5T5P2   | Sickle tail protein homolog                                                   | KIAA1217                                         |
| Q4GON8   | Sodium/hydrogen exchanger 10                                                 | SLC9C1                                          |
| Q5W111   | SPRY domain-containing protein 6                                              | SPRYD7                                          |
| Q9NW7H   | Spermatogenesis-associated protein 6                                          | SPATA6                                           |
| Q8N0X7   | Spartan                                                                       | SPART                                           |
| Q8IY18   | Structural maintenance of chromosomes protein 5                               | SMC5                                             |
| P35321   | Cornfin-A                                                                    | SPRR1A                                           |
| Q60264   | SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 5 | SMARCA5                                     |
| Q9NRC6   | Spectrin beta chain, non-erythrocytic 5                                      | SPTB5                                           |
| Q94991   | SLIT and NTRK-like protein 5                                                  | SLITRK5                                          |
| Q8NC86   | Spermatid-specific manchette-related protein 1                               | SMRP1                                           |
| Q92185   | Alpha-2,8-sialyltransferase 8B                                                | ST8SIA2                                          |
| Q9865    | Spindlin-2A                                                                  | SPIN2A                                           |
| Q13285   | Steroidogenic factor 1                                                        | NR5A1                                           |
| Q8WWL2   | Protein spire homolog 2                                                       | SPIRE2                                          |
| Q6P1F2   | Synaptonemal complex central element protein 2                               | SYCE2                                           |
| Q9P2F5   | Storkhead-box protein 2                                                       | STOX2                                           |
| Q8NG80   | Olfactory receptor 2L5                                                        | OR2L5                                           |
| Q96028   | Histone-lysine N-methyltransferase NSD2                                       | NSD2                                             |
| P58417   | Neurexophilin-1                                                              | NXPH1                                           |
| Q6UX06   | Olfactomedin-4                                                                | OLFM4                                           |
| Q9H342   | Olfactory receptor 51J1                                                       | OR51J1                                          |
| Q9NX40   | OCIA domain-containing protein                                                | OCIA1                                           |
| Q8NGX6   | Olfactory receptor 10R2                                                       | OR10R2                                          |
| Q8NGE5   | Olfactory receptor 10A7                                                       | OR10A7                                          |
| Q8N7T1   | Olfactory receptor 2K2                                                        | OR2K2                                           |
| Q960Y6   | PDZ and LIM domain protein 2                                                  | PDLIM2                                          |
| P42356   | Phosphatidylinositol 4-kinase alpha                                           | PI4KA                                           |
| Q9BX93   | Group XIIb secretory phospholipase A2-like protein                            | PLA2G128                                         |
| Q96DM1   | PiggyBac transposable element-derived protein 4                               | PGBD4                                           |
| O15305   | Phosphomannomutase 2                                                          | PMM2                                            |
| P49335   | POU domain, class 3, transcription factor 4                                   | POU3F4                                          |
| Q9Y342   | Plasminogpin                                                                  | PLLP                                            |
| O60568   | Multifunctional procollagen lysine hydroxylase and glycosyltransferase LH3  | PLOD3                                           |
| Q8N2A8   | Mitochondrial cardiolin hydrolase                                            | PLD6                                            |
| Q98XR3   | Endogenous retrovirus group K member 6 Pol protein                            | ERVK-6                                          |
| Q6NYC8   | Phostensin                                                                    | PPP1R18                                         |
| Q81CE9   | Placental protein 13-like                                                     | LGALS14                                         |
| Q96KN3   | Homeobox protein PKNOX2                                                       | PKNOX2                                          |
| Q8NHP8   | Putative phospholipase B-like 2                                               | PLBD2                                           |
| O15120   | 1-acyl-sn-glycerol-3-phosphate acyltransferase beta                           | AGPAT2                                          |
| Accession | Gene Name                        | Description                                      |
|-----------|----------------------------------|--------------------------------------------------|
| P28069    | Pituitary-specific positive      | Pituitary-specific transcription factor 1         |
| Q43164    | E3 ubiquitin-protein ligase Prja-2| PJA2                                             |
| Q8NF86    | Serine protease 33               | PRSS33                                           |
| Q9H606    | Proline-rich protein Y-linked    | PRORY                                            |
| Q86TP1    | Exopolyphosphatase PRUNE1        | PRUNE1                                           |
| A6NIE9    | Putative serine protease 29      | PRSS29P                                          |
| Q80813    | PRAME family member 11           | PRAMEF11                                         |
| Q8TB61    | Adenosine 3’-phospho 5’-        | SLC35B2                                          |
| Q8IV50    | Putative thiamine transporter    | SLC35F3                                          |
| Q7RTT9    | Equilibrative nucleoside         | SLC29A4                                          |
| Q8WV83    | Solute carrier family 35 member  | SLC35F5                                          |
| L0R6Q1    | SLC35A4 upstream open reading    | SLC35A4                                          |
| Q2M3R5    | Solute carrier family 35 member  | SLC35G1                                          |
| Q9H2H9    | Sodium-coupled neutral amino      | SLC38A1                                          |
| P82930    | 28S ribosomal protein S34,        | MRPS34                                           |
| Q8IZM9    | Probable sodium-coupled neutral  | SLC38A6                                          |
| Q8N8I0    | Sterile alpha motif domain-       | SAMD12                                           |
| P34925    | Tyrosine-protein kinase RYK      | RYK                                              |
| P04271    | Protein S100-B                   | S100B                                            |
| Q96FL8    | Multidrug and toxin extrusion    | SLC47A1                                          |
| A6NKG5    | Retrotransposon-like protein 1    | RTL1                                             |
| Q8IZC4    | Rhotekin-2                       | RTKN2                                            |
| Q9H2X9    | Solute carrier family 12 member 5| SLC12A5                                          |
| Q9BZW2    | Solute carrier family 13 member 1| SLC13A1                                          |
| Q92541    | RNA polymerase-associated        | RTF1                                             |
| Q13183    | Solute carrier family 13 member 2| SLC13A2                                          |
| Q98WD3    | Retrotransposon Gag-like protein 8A| RTL8A                                           |
| Q86YT5    | Solute carrier family 13 member 5| SLC13A5                                          |
| Q9H9S3    | Protein transport protein Sec61  | SEC61A2                                          |
| P18405    | 3-oxo-5-alpha-steroid 4-        | SRD5A1                                           |
| Q6NT16    | MFS-type transporter SLC18B1     | SLC18B1                                          |
| Q7L4I2    | Arginine/serine-rich coiled-coil| RSRC2                                            |
| P31213    | 3-oxo-5-alpha-steroid 4-        | SRD5A2                                           |
| Q9NSD5    | Sodium- and chloride-dependent  | SLC6A13                                          |
| Q8TCU3    | Solute carrier family 7 member 13| SLC7A13                                          |
| Q9HN2     | Adenosylhomocysteinase 3         | AHCTL2                                           |
| Q9BOO7    | Receptor-transporting protein 3  | RTP3                                             |
| Q96NB2    | Sideroflexin-2                   | SPXN2                                            |
| Q9HBV8    | Serine/threonine-protein kinase  | SGK2                                             |
| Q9NTN9    | Semaphorin-4G                    | SEMA4G                                           |
| Q6UWF3    | SLP adapter and CSK-interacting  | SCIMP                                            |
| Q9NPR2    | Semaphorin-4B                    | SEMA4B                                           |
| A6NKC9    | SH2 domain-containing protein 7  | SH2D7                                            |
| Q86UB9    | Transmembrane protein 135        | TEMEM135                                         |
| Q9P283    | Semaphorin-5B                    | SEMA5B                                           |
| Q16181    | Septin-7                         | SEPTIN7                                          |
| Q95486    | Protein transport protein Sec24A | SEC24A                                           |
| Q78330    | Phosphoserine phosphatase        | PSPH                                             |
| Protein ID | Description                                                                                     | Accession Code |
|-----------|--------------------------------------------------------------------------------------------------|----------------|
| Q8IYX7   | Stabilizer of axonemal microtubules 1                                                            | SAXO1          |
| P0C7V7   | Putative signal peptidase complex catalytic subunit SEC11B                                      | SEC11B         |
| Q9BR46   | Putative uncharacterized protein SCP2D1-AS1                                                      | SCP2D1-AS1     |
| P13521   | Secretogranin-2                                                                                 | SCG2           |
| Q9BV90   | U11/U12 small nuclear ribonucleoprotein 25 kDa protein                                           | SNRNP25        |
| Q9NZC9   | SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A-like protein 1 | SMARCAL1       |
| Q96E16   | Small integral membrane protein 19                                                                | SMIM19         |
| Q9BQ49   | Small integral membrane protein                                                                  | SMIM7          |
| P35325   | Small proline-rich protein 2B                                                                    | SPRR2B         |
| A0A1B0GVV1| Small integral membrane protein 35                                                                | SMIM35         |
| Q9BRV8   | Suppressor of IKBKE 1                                                                           | SIKE1          |
| A0A1B0GVQ0| Small regulatory polypeptide of amino acid response                                              | SPAAR          |
| O75182   | Paired amphipathic helix protein Sin3b                                                            | SIN3B          |
| B2RUZ4   | Small integral membrane protein                                                                  | SMIM1          |
| P22528   | Cornifin-B                                                                                      | SPRR1B         |
| A0A1B0GU5  | Small integral membrane protein 32                                                                | SMIM32         |
| A6NKU9   | Speedy protein E3                                                                               | SPDYE3         |
| Q949564  | Protein SOGA1                                                                                   | SOGA1          |
| A6NHP3   | Speedy protein E2B                                                                              | SPDYE2B        |
| Q15524   | Suppressor of cytokine signaling 1                                                                | SOCS1          |
| Q9H4L7   | SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A containing DEAD/H box 1 | SMARCAD1       |
| Q5MJ10   | Sperm protein associated with the nucleus on the X chromosome N2                                  | SPANXN2        |
| Q9HA72   | Salivate O-acetylesterase                                                                        | SIAE           |
| Q15831   | Serine/threonine-protein kinase STK11                                                            | STK11          |
| Q9HA77   | Probable cysteine--tRNA ligase, mitochondrial                                                     | CARS2          |
| Q86TL2   | Store-operated calcium entry regulator STIMATE                                                    | STIMATE        |
| Q9Y3M8   | STAR-related lipid transfer protein 13                                                           | STARD13        |
| P49675   | Steroidogenic acute regulatory protein, mitochondrial                                            | STAR           |
| Q95425   | Supervillin                                                                                     | SVIL           |
| Q6IE37   | Ovostatin homolog 1                                                                             | OVOS1          |
| P0DPK4   | Notch homolog 2 N-terminal-like protein C                                                        | NOTCH2NL C     |
| Q15619   | Olfactory receptor 1C                                                                           | OR1C1          |
| O60313   | Dynamin-like 120 kDa protein, mitochondrial                                                      | OPA1           |
| Q8N543   | Provl 3-hydroxylase OGFOD1                                                                       | OGFOD1         |
| Q8NGQ5   | Olfactory receptor 9O1                                                                           | OR9O1          |
| Q9NTZ2   | Opioid growth factor receptor                                                                    | OGFR           |
| Q96MG7   | Non-structural maintenance of chromosomes element 3 homolog                                      | NSMCE3         |
| Q68BL7   | Olfactomedin-like protein 2A                                                                      | OLFLM2A        |
| A6NND4   | Olfactory receptor 2AT4                                                                         | OR2AT4         |
| Q96SN7   | Protein orai-2                                                                                  | ORAI2          |
| Q9BSG0   | Protease-associated domain-containing protein 1                                                   | PRADC1         |
| Q9COD0   | Phosphatase and actin regulator 1                                                                 | PHACTR1        |
| Q9UM55   | Protein PHTF1                                                                                   | PHTF1          |
| Q8TBX8 | Phosphatidylinositol 5-phosphate 4-kinase type-2 gamma | PIP4K2C |
| Q9H490 | Phosphatidylinositol glycan anchor biosynthesis class U protein | PIGU |
| O00151 | PDZ and LIM domain protein 1 | PDLIM1 |
| Q9H4Q7 | PC-esterase domain-containing protein 1A | PCED1A |
| O00743 | Serine/threonine-protein phosphatase 6 catalytic subunit | PPP6C |
| Q08209 | Serine/threonine-protein phosphatase 2B catalytic subunit alpha isoform | PPP3CA |
| Q8TAE6 | Protein phosphatase 1 regulatory subunit 14C | PPP1R14C |
| P48454 | Serine/threonine-protein phosphatase 2B catalytic subunit gamma isoform | PPP3CC |
| Q9NRQ2 | Phospholipid scramblase 4 | PLSCR4 |
| O75038 | 1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase eta-2 | PLCH2 |
| Q8IWE5 | Pleckstrin homology domain-containing family M member 2 | PLEKHM2 |
| Q16513 | Serine/threonine-protein kinase N2 | PKN2 |
| A1L453 | Serine protease 38 | PRSS38 |
| Q5VXH5 | PRAME family member 7 | PRAMEF7 |
| Q9H4Q3 | PR domain zinc finger protein 13 | PRDM13 |
| Q55WL7 | PRAME family member 14 | PRAMEF14 |
| Q13308 | Inactive tyrosine-protein kinase 7 | PTK7 |
| Q86YD1 | Prostate tumor-overexpressed gene 1 protein | PTOV1 |
| Q9H3S7 | Tyrosine-protein phosphatase non-receptor type 23 | PTPN23 |
| P61513 | 60S ribosomal protein L37a | RPL37A |
| Q9H0U6 | 39S ribosomal protein L18, mitochondrial | MRPL18 |
| Q8WXG1 | Radical 5-adenosyl methionine domain-containing protein 2 | RSAD2 |
| P62308 | Small nuclear ribonucleoprotein G | SNRPG |
| Q5TJ5 | Spermatogenesis-associated protein 31A1 | SPATA31A1 |
| Q9NR83 | SLC2A4 regulator | SLC2A4RG |
| A8MW9 | Putative small nuclear ribonucleoprotein G-like protein 15 | SNRPGP15 |
| Q6T423 | Solute carrier family 22 member 25 | SLC22A25 |
| Q3KQZ1 | Solute carrier family 22 member 25 | SLC22A25 |
| Q96H72 | Zinc transporter ZIP13 | SLC39A13 |
| A6NK1 | SAC3 domain-containing protein 1 | SAC3D1 |
| P29377 | Protein S100-G | S100G |
| P25815 | Protein S100-P | S100P |
| Q9NUM3 | Zinc transporter ZIP9 | SLC39A9 |
| Q6Z62 | Retrotransposon Gag-like protein 4 | RTL4 |
| Q9UDX4 | SEC14-like protein 3 | SEC14L3 |
| Q14151 | Scaffold attachment factor B2 | SAFB2 |
| Q9NWF4 | Solute carrier family 52, riboflavin transporter, member 1 | SLC52A1 |
| Q9BXY4 | R-spondin-3 | RSPO3 |
| Q9UHA2 | SS18-like protein 2 | SS18L2 |
| Q6UXX9 | R-spondin-2 | RSPO2 |
| Q9NXZ1 | Sarcoma antigen 1 | SAGE1 |
| A1A4F0 | Putative uncharacterized protein SLC66A1L | SLC66A1L |
| Q76082 | Solute carrier family 22 member 5 | SLC22A5 |
| Gene ID | Gene Name                                | Ensembl ID |
|--------|------------------------------------------|------------|
| O15245 | Solute carrier family 22 member 1        | SLC22A1    |
| Q9Y230 | RuvB-like 2                              | RUVBL2     |
| Q8WXA3 | RUN and FYVE domain-containing protein 2 | RUFY2      |
| Q96T51 | RUN and FYVE domain-containing protein 1 | RUFY1      |
| Q70HW3 | S-adenosylmethionine mitochondrial carrier protein | SLC25A26 |
| Q8N6K7 | Sterile alpha motif domain-containing protein 3 | SAMD3     |
| Q8NGQ3 | Olfactory receptor 1S2                   | OR1S2      |
| Q8NGY3 | Olfactory receptor 6K3                   | OR6K3      |
| Q96F24 | Nuclear receptor-binding factor 2       | NRBP2      |
| Q7RTY7 | Ovochymase-1                            | OVCH1      |
| Q8NGJ1 | Olfactory receptor 4D6                   | OR4D6      |
| Q9BZ2F2| Oysterol-binding protein-related protein 7 | OSBP7      |
| Q9HD4  | Tumor protein 63                         | TP63       |
| Q9U8F8 | Phosphatidylinositol 4-kinase beta       | PI4KB      |
| Q8IZL8 | Proline-, glutamic acid- and leucine-rich protein 1 | PELP1   |
| O15534 | Period circadian protein homolog 1      | PER1       |
| Q9U5N7 | Serine/threonine-protein phosphatase 6 regulatory subunit 1 | PPP6R1 |
| A8MUH7 | Putative PDZ domain-containing protein PDZK1P1 | PDZK1P1 |
| Q9NVS9 | Pyridoxine-5'-phosphate oxidase          | PNPO       |
| Q9QC07 | Endogenous retrovirus group K member 18 Pol protein | ERVK-18 |
| P00747 | Plasminogen                             | PLG        |
| Q8WWY3 | U4/U6 small nuclear ribonucleoprotein Prp31 | PRPF31   |
| P11908 | Ribose-phosphate pyrophosphokinase 2     | PRPS2      |
| Q5VVU4 | PRA ME family member 8                  | PRAMEF8    |
| P86481 | Proline-rich protein 20B                | PRR20B     |
| A6NGN4 | PRA ME family member 25                 | PRAMEF25   |
| Q75475 | PC4 and SFRS1-interacting               | PSIP1      |
| Q9H2W6 | 39S ribosomal protein L46, mitochondrial | MRPL46     |
| Q8IWN7 | Retinitis pigmentosa 1-like 1 protein   | RP11L1     |
| Q9GZS1 | DNA-directed RNA polymerase I subunit RPA49 | POLR1E   |
| Q13084 | 39S ribosomal protein L28, mitochondrial | MRPL28     |
| Q2KH1 | RING finger protein 151                 | RNF151     |
| P52435 | DNA-directed RNA polymerase II subunit RB11-a | POLR2J   |
| P78345 | Ribonuclease P protein subunit p38      | RPP38      |
| Q01534 | Testis-specific Y-encoded protein 1     | TSPY1      |
| A6NKD2 | Testis-specific Y-encoded protein 2     | TSPY2      |
| Q5VX71 | Sushi domain-containing protein          | SUSD4      |
| O60279 | Sushi domain-containing protein          | SUSD5      |
| P0DMP2 | SLIT-ROBO Rho GTPase-activating protein 2B | SRGAP2B  |
| P0DJ0  | SLIT-ROBO Rho GTPase-activating protein 2C | SRGAP2C  |
| P43307 | Translocon-associated protein subunit alpha | SSR1      |
| P32745 | Somatostatin receptor type 3             | SSTR3      |
| Q9UCF0 | Syncytin-1                               | ERVW-1     |
| Q15190 | Syntaxin-5                               | STX5       |
| Q14714 | Sarcospan                                | SSPN       |
| Protein Name                                      | Gene ID | Description                                      |
|--------------------------------------------------|---------|--------------------------------------------------|
| Somatostatin receptor type 2                     | P30874  | SSTR2                                            |
| Serine/arginine repetitive matrix protein 2      | Q9UQ35  | SRRM2                                            |
| Sugar transporter SWEET1                         | Q9BRV3  | SLC50A1                                          |
| Serine/arginine-rich splicing factor 8            | Q98RL6  | SRSF8                                            |
| SERTA domain-containing protein 2                | Q14140  | SERTAD2                                          |
| Putative trace amine-associated receptor 3       | Q9P1P4  | TAAR3P                                           |
| TATA-box-binding protein                         | P20226  | TBP                                              |
| TBC1 domain family member 3L                     | B9A6J9  | TBC1D3L                                          |
| T-box transcription factor TBX1                  | O43435  | TBX1                                             |
| TBC1 domain family member 17                     | Q9HA65  | TBC1D17                                          |
| TBC1 domain family member 28                     | Q2M2D7  | TBC1D28                                          |
| Transmembrane protein 179B                       | Q7Z7N9  | TMEM179B                                         |
| Protein UXT                                      | Q9UBK9  | UX1                                              |
| Inactive serine/threonine-protein kinase VRK3    | Q8IV63  | VRK3                                             |
| XK-related protein 8                             | Q9H6D3  | XKR8                                             |
| tRNA                                             | P57081  | WDR4                                             |
| Vacuolar protein sorting-associated protein 33B  | Q9H267  | VPS33B                                           |
| Putative uncharacterized protein MGC15705        | Q96IR3  |                                                  |
| Zinc finger protein 850                          | A8MQ14  | ZNF850                                           |
| Zinc finger and BTB domain-containing protein 41 | Q5SVQ8  | ZBTB41                                           |
| Zinc finger protein 821                          | Q75S41  | ZNF921                                           |
| Zinc finger protein 324A                         | Q75467  | ZNF324                                           |
| Zinc finger RNA-binding protein 2                | Q99006  | ZFR2                                             |
| E3 SUMO-protein ligase ZBED1                     | Q99605  | ZBED1                                            |
| Zinc finger protein 800                          | Q2T810  | ZNF800                                           |
| Zinc finger protein 570                          | Q99618  | ZNF570                                           |
| Zinc finger and SCAN domain-containing protein 5C| Q58K21  | ZNF326                                           |
| Zinc finger protein 658B                         | A6NG05  | ZNF658B                                          |
| Zinc finger and BTB domain-containing protein 7B | Q4V348  | ZNF784                                           |
| Zinc finger and BTB domain-containing protein 7B | O15156  | ZBTB78                                           |
| Palmitoyltransferase ZDHHC18                     | Q9NUE0  | ZDHHC18                                          |
| Palmitoyltransferase ZDHHC23                     | Q7V9P3  | ZDHHC23                                          |
| Zinc finger protein 780A                         | Q75290  | ZNF780A                                          |
| Zinc finger protein 577                          | Q98SK1  | ZNF577                                           |
| Putative zinc finger protein 726P1               | Q15940  | ZNF726P1                                         |
| Palmitoyltransferase ZDHHC15                     | Q96MV8  | ZDHHC15                                          |
| Zinc finger protein 76                           | P36508  | ZNF76                                            |
| Zinc finger protein 141                          | Q15928  | ZNF141                                           |
| Zinc finger protein 593                          | O00488  | ZNF593                                           |
| Zinc finger protein 250                         | P15622  | ZNF250                                           |
| Zinc finger and BTB domain-containing protein 6  | Q15916  | ZBTB6                                            |
| Zinc finger protein 276                          | Q8N554  | ZNF276                                           |
| Zinc finger protein 772                          | Q86DY9  | ZNF772                                           |
| Palmitoyltransferase ZDHHC1                      | Q6WXT9  | ZDHHC1                                           |
| Zinc finger protein 784                          | Q8NCA9  | ZNF784                                           |
| Zinc finger protein 256                          | Q9Y2P7  | ZNF256                                           |
| Zinc finger protein 136                          | P52737  | ZNF136                                           |
| Olfactory receptor 6X1                           | Q8NH79  | OR6X1                                            |
| Olfactory receptor 7A5                           | Q15622  | OR7A5                                            |
| Olfactory receptor 4A5                           | Q8NH83  | OR4A5                                            |
| Olfactory receptor 10                             | Q5V0V7  | OTUD1                                            |
| Oviduct-specific glycoprotein                     | Q8NG75  | OR5T1                                            |
| Oviduct-specific glycoprotein                     | Q12889  | OVG1P                                            |
| Phosphatidylinositol N-acetylglucosaminyltransferase subunit Q | Q998RB3 | PIGQ                                              |
| PHD finger protein 20                            | Q9DV70  | PHF20                                            |
| Paired box protein Pax-9                         | P55771  | PAX9                                             |
| PGAP2-interacting protein                        | Q9H720  | CWH43                                            |
| Accession  | Description                                      | Accession  | Description                                      |
|------------|--------------------------------------------------|------------|--------------------------------------------------|
| A0A1W2PR82 | Protein PERCC1                                   | PERCC1     |                                                  |
| Q9BRX2     | Protein pelota homolog                           | PELO       |                                                  |
| Q9ULN7     | Paraneoplastic antigen-like protein BB           | PNMA8B     |                                                  |
| P37231     | Peroxisome proliferator-activated receptor gamma  | PPARG      |                                                  |
| Q9ULM0     | Pleckstrin homology domain-containing family H member 1 | PLEKHH1 |                                                  |
| P24158     | Myeloblastin                                     | PRTN3      |                                                  |
| Q9NRZ5     | 1-acetyl-sn-glycerol-3-phosphate acyltransferase delta | AGPAT4 |                                                  |
| Q9NUJ7     | PI-PLC X domain-containing protein 1             | PLCXD1     |                                                  |
| Q2L4Q9     | Serine protease 53                               | PRSS53     |                                                  |
| Q96HE9     | Proline-rich protein 11                          | PRR11      |                                                  |
| Q9UKY0     | Prion-like protein doppel                        | PRND       |                                                  |
| Q96BP3     | Peptidylprolyl isomerase domain and WD repeat-containing protein 1 | PPWD1 |                                                  |
| Q8N4B5     | Proline-rich protein 18                          | PRR18      |                                                  |
| Q9H6K5     | Proline-rich protein 36                          | PRR36      |                                                  |
| P37837     | Transaldolase                                    | TALDO1     |                                                  |
| Q16650     | T-box brain protein 1                            | TBR1       |                                                  |
| Q13769     | THO complex subunit 5 homolog                    | THOC5      |                                                  |
| Q53EQ6     | Tigger transposable element-derived protein 5    | TIGD5      |                                                  |
| Q9H5Q4     | Dimethyladenosine transferase 2, mitochondrial    | TFB2M      |                                                  |
| Q9TBZ9     | Tests-expressed protein 47                        | TEX47      |                                                  |
| O60235     | Transmembrane protease serine 11D                | TMPRSS11D  |                                                  |
| Q16762     | Thiosulfate sulfotransferase                      | TST        |                                                  |
| P05543     | Thyroxine-binding globulin                        | SERPINA7   |                                                  |
| Q9P2T0     | Testicular haploid expressed gene protein         | THEG       |                                                  |
| Q04726     | Transducin-like enhancer protein                  | TLE3       |                                                  |
| Q4V9L6     | Transmembrane protein 119                        | TMEM119    |                                                  |
| A0A0J9YXG5 | T cell receptor beta joining 1-4                  | TRBJ1-4    |                                                  |
| Q9NEK8     | Terminal nucleotidyltransferase 5D                | TENT5D     |                                                  |
| P32780     | General transcription factor IIH subunit 1        | GTF2H1     |                                                  |
| A2RU30     | Protein TESPA1                                   | TESPA1     |                                                  |
| Q9Y4F4     | TOG array regulator of axonemal microtubules protein 1 | TOGARAM1 |                                                  |
| A0A1W2PR48 | Transducin-like enhancer protein 7                | TLE7       |                                                  |
| A0A2B86YF58 | Transmembrane protein 271                      | TMEM271    |                                                  |
| Q99666     | Transmembrane protein 198                        | TMEM198    |                                                  |
| Q9NZ01     | Very-long-chain enoyl-CoA reductase               | TECR       |                                                  |
| Q96EY4     | Translation machinery-associated protein 16       | TMA16      |                                                  |
| Q92544     | Transmembrane 9 superfamily member 4             | TM9SF4     |                                                  |
| O95932     | Protein-glutamine gamma-glutamyltransferase 6     | TGM6       |                                                  |
| Q5U3C3     | Transmembrane protein 164                        | TMEM164    |                                                  |
| Q9N2M4     | Lysosomal monooxygenase-like protein               | TMEM86A    |                                                  |
| Q14258     | E3 ubiquitin/ISG15 ligase                       | TRIM25     |                                                  |
| Q96FX7     | tRNA                                             | TRMT61A    |                                                  |
| Q13061     | Triadin                                          | TRDN       |                                                  |
| Q6Z2T1     | Transmembrane protein with metallophosphoesterase domain | TMPP |                                                  |
| Q9N1J7     | tRNA:m                                           | TRMT13     |                                                  |
| Accession | Description | PDB ID |
|-----------|-------------|--------|
| Q8WVR3    | Trafficking protein particle complex subunit 14 | TRAPPC14 |
| A0A075B706 | T cell receptor delta joining 1 | TRDJ1 |
| Q9Y3Q3    | Transmembrane emp24 domain-containing protein 3 | TMED3 |
| Q86XT4    | E3 ubiquitin-protein ligase | TRIM50 |
| Q13472    | DNA topoisomerase 3-alpha | TOP3A |
| Q8WZ04    | Transmembrane O-methyltransferase | LRTOMT |
| Q9C0B7    | Transport and Golgi organization protein 6 homolog | TANGO6 |
| P12270    | Nucleoprotein TPR | TPR |
| Q9H3M7    | Thioredoxin-interacting protein | TXNIP |
| O95881    | Thioredoxin domain-containing protein 12 | TXNDC12 |
| P42681    | Tyrosine-protein kinase TXK | TXK |
| Q6QOC0    | E3 ubiquitin-protein ligase TRAF7 | TRAF7 |
| Q6A555    | Thioredoxin domain-containing protein 8 | TXNDC8 |
| A0A0A6YYK7 | T cell receptor alpha variable 19 | TRAV19 |
| A0A0A6YYK1 | T cell receptor alpha variable 8-1 | TRAV8-1 |
| O00295    | Tubby-related protein 2 | TULP2 |
| Q969D9    | Thymic stromal lymphopoietin | TSLP |
| A0A0B4J27 | T cell receptor alpha variable 20 | TRAV20 |
| Q7Z4L5    | Tetratricopeptide repeat protein 21B | TTC21B |
| Q7Z4N2    | Transient receptor potential cation channel subfamily M member 1 | TRPM1 |
| A0A5B0    | T cell receptor beta variable 14 | TRBV14 |
| Q9C0H2    | Protein Tweety homolog 3 | TTYH3 |
| P62256    | Ubiquitin-conjugating enzyme E2 H | UBE2H |
| Q14694    | Ubiquitin carboxyl-terminal hydrolase 10 | USP10 |
| Q9UPT9    | Ubiquitin carboxyl-terminal hydrolase 22 | USP22 |
| Q8N806    | Putative E3 ubiquitin-protein ligase UBR7 | UBR7 |
| Q969X6    | U3 small nucleolar RNA-associated protein 4 homolog | UTP4 |
| P62068    | Ubiquitin carboxyl-terminal hydrolase 46 | USP46 |
| Q99536    | Synaptic vesicle membrane protein VAT-1 homolog | VAT1 |
| Q8IU0A    | WAP four-disulfide core domain protein 8 | WFDC8 |
| Q9UJPY6   | Wiskott-Aldrich syndrome protein family member 3 | WASF3 |
| Q96G27    | WW domain-binding protein 1 | WBP1 |
| Q9UNX4    | WD repeat-containing protein 3 | WDR3 |
| Q1RN00    | Putative uncharacterized protein LOC151760 | LINC00173 |
| Q6ZV60    | Putative uncharacterized protein encoded by LINC00173 | LINC00173 |
| Q75L30    | Putative uncharacterized protein FLJ92257 | LINC00173 |
| Q86V86    | Serine/threonine-protein kinase pim-3 | PIM3 |
| O15541    | E3 ubiquitin-protein ligase | RNF113A |
| P62847    | 40S ribosomal protein S24 | RPS24 |
| P42677    | 40S ribosomal protein S27 | RPS27 |
| Q9UH17    | Solute carrier family 23 member 1 | SLC23A1 |
| Q9Y2D2    | UDP-N-acetylgalactosamine transporter | SLC35A3 |
| Accession  | Description                                 | Gene Symbol |
|------------|---------------------------------------------|-------------|
| P0C874     | Spermatogenesis-associated protein 31D3     | SPATA31D    |
| Q9Y224     | RNA transcription, translation and transport factor protein | RTRAF       |
| Q8TD33     | Secretoglobin family 1C member              | SCGB1C1     |
| Q53H47     | Histone-lysine N-methyltransferase SETMAR   | SETMAR      |
| Q96LD1     | Zeta-sarcoglycan                            | SGCZ        |
| Q98YH1     | Seizure 6-like protein                      | SEZ6L       |
| Q68CR1     | Protein sel-1 homolog 3                     | SEL1L3      |
| O14492     | SH2B adapter protein 2                      | SH2B2       |
| Q07699     | Sodium channel subunit beta-1               | SCN1B       |
| Q95562     | Vesicle transport protein SFT2B             | SFT2D2      |
| Q92765     | Secreted frizzled-related protein 3         | FRZB        |
| Q86XX3     | Sw5-dependent recombination DNA repair protein 1 homolog | SFR1       |
| Q96JE7     | Protein transport protein Sec16B            | SEC16B      |
| Q09H4B6    | Protein salvador homolog 1                  | SAV1        |
| Q9Y3A5     | Ribosome maturation protein SBDS            | SBDS        |
| Q2M3M2     | Sodium/glucose cotransporter 4              | SLC5A9      |
| Q8WU76     | Sec1 family domain-containing protein 2      | SCFD2       |
| P51168     | Amiloride-sensitive sodium channel subunit beta | SCNN1B   |
| Q8IUW3     | Spermatogenesis-associated protein 2-like protein | SPATA2L   |
| P38935     | DNA-binding protein SMUBP-2                 | IGHMBP2     |
| Q55VVC0    | Protein SPO16 homolog                       | SPO16       |
| Q8N9U9     | Putative uncharacterized protein SPANXA2-OT1 | SPANXA2-OT1 |
| Q62MD2     | Protein spinster homolog 3                   | SPNS3       |
| P09012     | U1 small nuclear ribonucleoprotein A         | SNRPA       |
| O60493     | Sorting nexin-3                             | SNX3        |
| Q96EB6     | NAD-dependent protein deacetylase sirtuin-1  | SIRT1       |
| Q9UIIB8    | SLAM family member 5                        | CD84        |
| Q96DD7     | Protein shia-4                              | SHISA4      |
| Q75391     | Sperm-associated antigen 7                  | SPAG7       |
| Q9C093     | Sperm flagellar protein 2                   | SPEF2       |
| Q9HBM1     | Kinetochore protein Spc25                   | SPC25       |
| Q8WWF3     | Serine-rich single-pass membrane protein 1   | SSMEM1      |
| Q92783     | Signal transducing adapter molecule 1        | STAM        |
| Q9C0K7     | STE20-related kinase adapter protein beta    | STRAD8      |
| Q9UMX1     | Suppressor of fused homolog                 | SUFU        |
| O14804     | Trace amine-associated receptor 5            | TAAR5       |
| P48643     | T-complex protein 1 subunit epsilon          | CCT5        |
| P49591     | Serine--tRNA ligase, cytoplasmic             | SARS1       |
| Q75410     | Transforming acidic coiled-coil-containing protein | TACC1     |
| Q98V51     | TIO complex subunit 4                       | ALYREF      |
| Q13888     | General transcription factor IIH subunit 2   | GTF2H2      |
| Q8NB13     | Transmembrane protein 145                   | TMEM145     |
| Q8IV31     | Transmembrane protein 139                   | TMEM139     |
| A6NCN8     | Testis-expressed protein 52                  | TEX52       |
| A0A0A0MT 87| T cell receptor beta joining 2-4             | TRB12-4     |
| Q04725     | Transducin-like enhancer protein             | TLE2        |
| A6NEH6     | Transmembrane protein 247                   | TMEM247     |
| P04053     | DNA nucleotidylexotransferase               | DNTT        |
| Q8Y33      | Synaptotagmin-like protein 1                | SYT1        |
| Q9P2C4     | Transmembrane protein 181                   | TMEM181     |
| Accession   | Description                                                                 |       |
|-------------|-----------------------------------------------------------------------------|-------|
| Q4KM9       | Transmembrane protein 52B                                                   | TMEM52B |
| A0A0U1RQQ6 | Transmembrane protein 275                                                   | TMEM275 |
| Q8N8B7      | Transcription elongation factor AN-terminal and central domain-containing protein | TCEANC |
| Q8YLY2      | Probable tRNA                                                               | TRMT44 |
| O6AZZ1      | E3 ubiquitin-protein ligase                                                  | TRIM68 |
| Q6F5E7      | Protein TXNRD3NB                                                            | TXNRD3NB |
| P09493      | Tropomyosin alpha-1 chain                                                   | TPM1   |
| Q96RJ3      | Tumor necrosis factor receptor superfamily member 13C                      | TNFRSF13C |
| Q96HE8      | Transmembrane protein 80                                                    | TMEM80 |
| Q8WVJ9      | Twist-related protein 2                                                     | TWIST2 |
| Q9U094      | Tests-specific Y-encoded-like protein 4                                     | TSPYL4 |
| A0A0B4J24  | T cell receptor alpha variable 1-1                                          | TRAV1-1 |
| Q2T9J0      | Peroxisomal leader peptide-processing protease                              | TYSND1 |
| P54219      | Chromaffin granule amine transporter                                         | SLC18A1 |
| Q86UX7      | Fermitin family homolog 3                                                   | FERMT3 |
| Q70CQ2      | Ubiquitin carboxyl-terminal hydrolase 34                                    | USP34  |
| P0DN76      | Splicing factor U2AF 35 kDa subunit-like protein                             | U2AF1L5 |
| Q9GZ53      | WD repeat-containing protein 61                                              | WDR61  |
| Q9H967J     | WD repeat-containing protein 76                                              | WDR76  |
| P412721     | Protein Wnt-5a                                                              | WNT5A  |
| P46094      | Chemokine X- C receptor 1                                                   | XCR1   |
| Q8N7P7      | Uncharacterized protein FLJ40521                                            |        |
| A43847      | Nardilysin                                                                  | NRDC   |
| A6NF83      | Nuclear protein 2                                                            | NUPR2  |
| Q8NGF8      | Olfactory receptor 4B1                                                       | OR4B1  |
| Q8NBP7      | Proprotein convertase subtilisin/kexin type 9                               | PCSK9  |
| P29122      | Proprotein convertase subtilisin/kexin type 6                               | PCSK6  |
| O00444      | Serine/threonine-protein kinase PLK4                                         | PLK4   |
| Q9WJR5      | Endogenous retrovirus group K member 19 Pol protein                          | ERVK-19 |
| P09923      | Intestinal-type alkaline phosphatase                                        | ALPI   |
| Q724H8      | Protein O-glucosyltransferase 3                                             | POGLUT3 |
| P55347      | Homeobox protein PKNOX1                                                     | PKNOX1 |
| Q8TAA3      | Proteasome subunit alpha-type 8                                             | PSMA8  |
| P23467      | Receptor-type tyrosine-protein phosphatase beta                              | PTPRB  |
| Q03393      | 6-pyruvoyl tetrahydrobipterin synthase                                      | PTS    |
| P23471      | Receptor-type tyrosine-protein phosphatase zeta                             | PTPZR1 |
| Q95153      | Peripheral-type benzodiazepine receptor-associated protein 1                 | TSPOAP1 |
| P61313      | 60S ribosomal protein L15                                                   | RPL15  |
| Q99RS2      | Serine/threonine-protein kinase RIO1                                         | RIOK1  |
| O43353      | Receptor-interacting serine/threonine-protein kinase 2                      | RIPK2  |
| O00237      | E3 ubiquitin-protein ligase                                                  | RNF103 |
| Q9H9Y2      | Ribosome production factor 1                                                 | RPF1   |
| Q9H6T3      | RNA polymerase II-associated protein 3                                       | RPAP3  |
| Q8N5U6      | RING finger protein 10                                                       | RNF10  |
| P62854      | 40S ribosomal protein S26                                                   | RPS26  |
| Q8N959      | Sorting nexin-31                                                            | SNX31  |
| Q81CT8      | Signal peptide peptidase-like 2A                                            | SPPL2A |
| P61278      | Somatostatin                                                                | SST    |
| ID           | Description                                                                 | Entry ID |
|--------------|------------------------------------------------------------------------------|----------|
| P51688       | N-sulphoglucoasamine sulphohydrolase                                         | SGSH     |
| Q7KZ85       | Transcription elongation factor SPT6                                          | SUPT6H   |
| Q9UQ90       | Paraplegin                                                                   | SPG7     |
| Q98X45       | Succinate receptor 1                                                         | SUCNR1   |
| Q15022       | Polycomb protein SUZ12                                                       | SUZ12    |
| Q8N205       | Nesprrin-4                                                                   | SYNE4    |
| Q6IFX1       | TBC1 domain family member 3C                                                 | TBC1D3C  |
| Q86T12       | Transcriptional adapter 2-beta                                               | TADA2B   |
| A0A087X179   | TBC1 domain family member 3E                                                 | TBC1D3E  |
| Q9NS69       | Mitochondrial import receptor subunit TOM22 homolog                          | TOMM22   |
| Q8NFZ5       | TNFAIP3-interacting protein 2                                                | TNIP2    |
| Q9H256       | Tenomodulin                                                                  | TNMD     |
| O60UX26      | Trafficking kinesin-binding protein 2                                        | TRAK2    |
| O6UXZ0       | Transmembrane and immunoglobin domain-containing protein 1                  | TMIGD1   |
| Q0P6H9       | Transmembrane protein 62                                                     | TMEM62   |
| A0PK05       | Transmembrane protein 72                                                    | TMEM72   |
| O14787       | Transportin-2                                                                | TNPO2    |
| P14679       | Tyrosinase                                                                   | TYR      |
| P16473       | Thyrotropin receptor                                                         | TSHR     |
| A0A075B6L2   | Probable non-functional T cell receptor gamma variable 11                   | TRGV11   |
| Q8IYT8       | Serine/threonine-protein kinase ULK2                                          | ULK2     |
| P63146       | Ubiquitin-conjugating enzyme E2 B                                            | UBE2B    |
| Q5XJB2       | Putative ubiquitin-conjugating enzyme E2 N-like                              | UBE2NL   |
| A0A1B0GUS4   | Ubiquitin-conjugating enzyme E2 L5                                           | UBE2L5   |
| Q9QW7       | Zinc finger MYM-type protein 2                                               | ZMYM2    |
| Q8N9F8       | Zinc finger protein 454                                                     | ZNF454   |
| Q9QUD7       | Zinc finger protein 282                                                      | ZNF282   |
| Q6PD5        | Zinc finger protein 723                                                     | ZNF723   |
| Q7Z5L2       | Coiled-coil domain-containing protein R3HCC1L                                | R3HCC1L  |
| P83731       | 60S ribosomal protein L24                                                    | RPL24    |
| Q6PSR6       | 60S ribosomal protein L22-like                                               | RPL22L1  |
| Q9Y3R7       | 39S ribosomal protein L11, mitochondrial                                    | MRPL11   |
| Q8NHW5       | 60S acidic ribosomal protein P0-like                                         | RPLP0P6  |
| P19474       | E3 ubiquitin-protein ligase                                                  | TRIM21   |
| Q9Y2L1       | Exosome complex exonuclease                                                   | DIS3     |
| Q9PZ49       | Ribosom-binding protein 1                                                    | RRBP1    |
| Q96LC7       | Sialic acid-binding Ig-like lectin                                           | SIGLEC10 |
| Q8N7X2       | Protein STPG3                                                                | STPG3    |
| Q62MT1       | SH3 and cysteine-rich domain-containing protein 2                            | STAC2    |
| Q8WWQ8       | Stabilin-2                                                                   | STAB2    |
| Q9NSY2       | STAR-related lipid transfer protein 5                                         | STARD5   |
| P52630       | Signal transducer and activator of transcription 2                           | STAT2    |
| P49588       | Alanine--tRNA ligase, cytoplasmian                                           | AARS1    |
| O15260       | Surfert locus protein 4                                                      | SURF4    |
| Q7229R       | Putative uncharacterized protein SSBP3-AS1                                   | SSBP3-AS1|
| A0A1B0GW44   | Serine-rich and transmembrane domain-containing 2                            | SERTM2   |
| Q95926       | Pre-mRNA-splicing factor SYF2                                                | SYF2     |
| Protein Accession | Description                                                      | Gene ID | Protein Accession | Description                                                      | Gene ID |
|-------------------|------------------------------------------------------------------|---------|-------------------|------------------------------------------------------------------|---------|
| Q9NSE4            | Isoleucine--tRNA ligase, mitochondrial                           | IARS2   | Q08247            | Synaptophysin                                                     | SYP     |
| Q727C8            | Transcription initiation factor TFIID subunit 8                   | TAF8    | Q9BQ70            | Transcription factor 25                                          | TCF25   |
| P23258            | Tubulin gamma-1 chain                                            | TUBG1   | Q3ZCM7            | Tubulin beta-8 chain                                             | TUBB8   |
| Q9Y4R8            | Telomere length regulation protein TEL2 homolog                  | TELO2   | Q9UKZ4            | Teneurin-1                                                       | TENM1   |
| Q24JPS            | Transmembrane protein 132A                                       | TMEM132A| Q96UL7            | Protein disulfide-isomerase TMX3                                 | TMX3    |
| Q9BY14            | Testis-expressed protein 101                                     | TEX101  | Q96NA8            | t-SNARE domain-containing protein 1                              | TSNARE1|
| Q5TGU0            | Translocator protein 2                                            | TSP02   | Q6O635            | Tetraspanin-1                                                    | TSPAN1  |
| Q9UKR8            | Tetraspanin-16                                                   | TSPAN16 | Q12999            | Tetraspanin-31                                                  | TSPAN31 |
| A0A0K0K1D8        | T cell receptor beta variable 6-1                                | TRBV6-1 | Q9H1C4            | Protein unc-93 homolog B1                                        | UNC93B1|
| Q9UPW8            | Protein unc-13 homolog A                                         | UNC13A  | Q5TAP6            | U3 small nucleolar RNA-associated protein 14 homolog C           | UTP14C  |
| Q9POL0            | Vesicle-associated membrane protein-associated protein A         | VAPA    | Q9N4X9            | Variable charge X-linked protein 3                               | VCX3A  |
| Q14599            | Testis-specific basic protein Y 2                                | BPY2    | Q6ZMV6            | WD repeat-containing protein B8                                   | WDR88  |
| Q8WWY7            | WAP four-disulfide core domain protein 12                        | WFD12   | Q96AJ9            | Vesicle transport through interaction with t-SNAREs homolog 1A   | VT11A   |
| Q5GFL6            | von Willebrand factor A domain-containing protein 2               | VWA2    | Q98X9             | Vomeronasal type-1 receptor 3                                    | VN1R3  |
| Q9H6R7            | WD repeat and coiled-coil-containing protein                      | WDCP    | Q725K2            | Wings apart-like protein homolog                                  | WAPL    |
| Q9HAD4            | WD repeat-containing protein 41                                   | WDR41   | Q09T7D7           | WD repeat-containing protein 26                                   | WDR26   |
| A6NIX2            | Wilms tumor protein 1-interacting protein                        | WTIP    | Q9Y5W5            | Wnt inhibitory factor 1                                           | WIFI1   |
| O14905            | Protein Wnt-9b                                                   | WNT9B   | Q96NR7            | Putative uncharacterized protein WW2-AS2                         | WW2-AS2|
| Q9BY7             | Serine/threonine-protein kinase WNK3                              | WNK3    | Q9Y2G7            | Zinc finger protein 30 homolog                                   | ZFP30   |
| Q9H171            | Z-DNA-binding protein 1                                            | ZBP1    | P24278            | Zinc finger and B18 domain-containing protein 25                  | ZBT25   |
| Q95159            | Zinc finger-like protein 1                                        | ZFPL1   | Q9NQZ6            | Zinc finger C4H2 domain-containing protein                        | ZC4H2   |
| Q8N1P1            | Zinc finger CCCH domain-containing protein 8                      | ZC3H8   | A6NFI3            | Zinc finger protein 316                                           | ZNF316  |
| Q9UC6             | Zinc finger protein 70                                            | ZNF70   | P0CG32            | Zinc finger CCHC domain-containing protein 18                     | ZCCHC18 |
| Q8YVQ6            | Palmitoyltransferase ZDHHC21                                      | ZDHHC21 | A8MYVS            | Zinc finger protein 705F                                          | ZNF705F|
| Q96UD4            | Zinc finger protein 329                                           | ZNF329  | Q8YVQ6            | Palmitoyltransferase ZDHHC21                                     | ZDHHC21|
| P24278            | Zinc finger and B18 domain-containing protein 25                  | ZBT25   | Q9BQ70            | Transcription factor 25                                          | TCF25   |
| Q9Y4R8            | Telomere length regulation protein TEL2 homolog                  | TEL02   | Q9UKZ4            | Teneurin-1                                                       | TENM1   |
| Q5TGU0            | Translocator protein 2                                            | TSP02   | Q6O635            | Tetraspanin-1                                                    | TSPAN1  |
| Q9UKR8            | Tetraspanin-16                                                   | TSPAN16 | Q12999            | Tetraspanin-31                                                  | TSPAN31 |
| A0A0K0K1D8        | T cell receptor beta variable 6-1                                | TRBV6-1 | Q9H1C4            | Protein unc-93 homolog B1                                        | UNC93B1|
| Q9UPW8            | Protein unc-13 homolog A                                         | UNC13A  | Q5TAP6            | U3 small nucleolar RNA-associated protein 14 homolog C           | UTP14C  |
| Q9N4X9            | Variable charge X-linked protein 3                               | VCX3A  | Q14599            | Testis-specific basic protein Y 2                                | BPY2    |
| Q6ZMV6            | WD repeat-containing protein B8                                   | WDR88   | Q8WWY7            | WAP four-disulfide core domain protein 12                        | WFD12   |
| Q96AJ9            | Vesicle transport through interaction with t-SNAREs homolog 1A   | VT11A   | Q5GFL6            | von Willebrand factor A domain-containing protein 2               | VWA2    |
| Q98X9             | Vomeronasal type-1 receptor 3                                    | VN1R3  | Q9H6R7            | WD repeat and coiled-coil-containing protein                      | WDCP    |
| Q725K2            | Wings apart-like protein homolog                                  | WAPL    | Q9HAD4            | WD repeat-containing protein 41                                   | WDR41   |
| A6NIX2            | Wilms tumor protein 1-interacting protein                        | WTIP    | Q9Y5W5            | Wnt inhibitory factor 1                                           | WIFI1   |
| O14905            | Protein Wnt-9b                                                   | WNT9B   | Q96NR7            | Putative uncharacterized protein WW2-AS2                         | WW2-AS2|
| Q9BY7             | Serine/threonine-protein kinase WNK3                              | WNK3    | Q9Y2G7            | Zinc finger protein 30 homolog                                   | ZFP30   |
| Q9H171            | Z-DNA-binding protein 1                                            | ZBP1    | P24278            | Zinc finger and B18 domain-containing protein 25                  | ZBT25   |
| Q95159            | Zinc finger-like protein 1                                        | ZFPL1   | Q9NQZ6            | Zinc finger C4H2 domain-containing protein                        | ZC4H2   |
| Q8N1P1            | Zinc finger CCCH domain-containing protein 8                      | ZC3H8   | A6NFI3            | Zinc finger protein 316                                           | ZNF316  |
| Q9UC6             | Zinc finger protein 70                                            | ZNF70   | P0CG32            | Zinc finger CCHC domain-containing protein 18                     | ZCCHC18 |
| Q8YVQ6            | Palmitoyltransferase ZDHHC21                                      | ZDHHC21 | A8MYVS            | Zinc finger protein 705F                                          | ZNF705F|
| Q96UD4            | Zinc finger protein 329                                           | ZNF329  | Q8YVQ6            | Palmitoyltransferase ZDHHC21                                     | ZDHHC21|
| Accession | Description |
|-----------|-------------|
| Q96K62 | Zinc finger and BTB domain-containing protein 45 |
| Q16587 | Zinc finger protein 74 |
| Q8N7K0 | Zinc finger protein 433 |
| Q9ULD9 | Zinc finger protein 608 |
| Q5H9K5 | Zinc finger matrin-type protein 1 |
| Q9H900 | Protein zwilch homolog |
| O75152 | Zinc finger CCCH domain-containing protein 11A |
| Q86XN6 | Zinc finger protein 761 |
| Q96C55 | Zinc finger protein 524 |
| P59923 | Zinc finger protein 445 |
| P28328 | Peroxisome biogenesis factor 2 |
| Q8NB1L | Protein O-glucosyltransferase 1 |
| Q8ND90 | Paraneoplastic antigen Ms1 |
| Q96FM1 | Post-GPI attachment to proteins factor 3 |
| Q02890 | Procollagen-lysine,2-oxoglutarate 5-dioxygenase 1 |
| Q9H4Q4 | PR domain zinc finger protein 12 |
| Q70Z35 | Phosphatidylinositol 3,4,5-trisphosphate-dependent Rac exchanger 2 protein |
| P0520 | Adenylosuccinate synthetase isozyme 2 |
| P62266 | 40S ribosomal protein S23 |
| Q13277 | Syntaxin-3 |
| Q96H78 | Solute carrier family 25 member 44 |
| Q8TCC7 | Solute carrier family 22 member 8 |
| Q96GQ5 | RUS family member 1 |
| Q96T68 | Histone-lysine N-methyltransferase SETDB2 |
| A6NKW6 | Protein shisa-like-2B |
| O43147 | Small G protein signaling modulator 2 |
| PODME0 | Protein SETSIP |
| Q98WT6 | Histone-lysine N-methyltransferase SETD7 |
| Q6UWP8 | Suprabasin |
| Q93073 | Selenocysteine insertion sequence-binding protein 2-like |
| P37088 | Amiloride-sensitive sodium channel subunit alpha |
| Q0VAQ4 | Small cell adhesion glycoprotein |
| Q5XSM2 | snRNA-activating protein complex subunit 4 |
| Q14683 | Structural maintenance of chromosomes protein 1A |
| Q5VUG0 | Scm-like with four MBT domains protein 2 |
| Q9H040 | DNA-dependent metalloprotease SPRTN |
| P62316 | Small nuclear ribonucleoprotein Sm D2 |
| P28370 | Probable global transcription activator SBF2L1 |
| A6NYY1 | Putative SLC9B1-like protein |
| P09486 | SPARC |
| Q9NS25 | Sperm protein associated with the nucleus on the X chromosome B1 |
| Q4W5P6 | Small integral membrane protein 43 |
| Q9NNY5 | Solute carrier organic anion transporter family member 1C1 |
| P0DUD1 | Putative speedy protein E8 |
| Q6ZQN7 | Solute carrier organic anion transporter family 4C1 |
| Accession  | Description                                      | Accession  | Description                                      |
|------------|--------------------------------------------------|------------|--------------------------------------------------|
| P0DUD3     | Putative speedy protein E14                       | SPDYE14    |                                                  |
| Q94993     | Transcription factor SOX-30                       | SOX30      |                                                  |
| Q9NZD8     | Maspardin                                        | SPG21      |                                                  |
| Q5TCZ1     | SH3 and PX domain-containing protein 2A           | SH3PX2A    |                                                  |
| P48595     | Serpin B10                                       | SERPINB10  |                                                  |
| Q5T0L3     | Spermatogenesis-associated protein 46             | SPATA46    |                                                  |
| Q6Q759     | Sperm-associated antigen 17                       | SPAG17     |                                                  |
| Q01082     | Spectrin beta chain, non-erythrocytic 1           | SPTBN1     |                                                  |
| Q8IX21     | SMCS-SMC6 complex localization factor protein 2   | SLF2       |                                                  |
| Q81AQ9     | SUN domain-containing protein 3                   | SUN3       |                                                  |
| Q9N635     | Putative uncharacterized protein encoded by LINC00052 | LINC00052 |                                                  |
| Q15208     | Serine/threonine-protein kinase STK38             | SUMO1P1    |                                                  |
| G2XKQ0     | Small ubiquitin-related modifier 5                | SUMO1P1    |                                                  |
| Q52823     | Stanniocalcin-1                                   | STC1       |                                                  |
| Q9NL3L3    | Striatin-4                                        | STRN4      |                                                  |
| Q6ZRS2     | Helicase SRCAP                                    | SRCAP      |                                                  |
| Q80TD4     | Sarcalumenin                                      | SRL        |                                                  |
| A7MCY6     | TANK-binding kinase 1-binding protein 1           | TBKBP1     |                                                  |
| Q13995     | Probable methyltransferase TARBP1                 | TARBP1     |                                                  |
| Q9Y5J9     | Mitochondrial import inner membrane translocase subunit 8B | TIMM8B |                                                  |
| Q9UPQ9     | Trinucleotide repeat-containing gene 6B protein   | TNRC6B     |                                                  |
| Q8N2E6     | Prosalusin                                        | TOR2A      |                                                  |
| P19429     | Troponin I, cardiac muscle                         | TNNI3      |                                                  |
| Q9ULW0     | Targeting protein for Xklp2                       | TPX2       |                                                  |
| Q15035     | Translocating chain-associated membrane protein 2 | TRAM2      |                                                  |
| P83876     | Thioredoxin-like protein 4A                        | TXNL4A     |                                                  |
| Q9BT4V     | Transmembrane protein 43                          | TMEM43     |                                                  |
| Q9BZD7     | Transmembrane gamma-carboxyglutamic acid protein 3 | PRRG3      |                                                  |
| Q86YD3     | Transmembrane protein 25                          | TMEM25     |                                                  |
| Q14097     | Tax1-binding protein 3                            | TAX1BP3    |                                                  |
| P48818     | Thymidylate synthase                              | TYMS       |                                                  |
| Q99990     | Transcription cofactor vestigial-like protein 1    | VGLL1      |                                                  |
| O6UXI7     | Vitrin                                            | VIT        |                                                  |
| Q9Q2U8     | Vesicular glutamate transporter 2                 | SLC17A6    |                                                  |
| P41226     | Ubiquitin-like modifier-activating enzyme 7       | UBA7       |                                                  |
| Q56E7      | WD repeat-containing protein 81                   | WDR81      |                                                  |
| Q5GH77     | XK-related protein 3                              | XKR3       |                                                  |
| P18887     | DNA repair protein XRCC1                          | XRCC1      |                                                  |
| Q96QK1     | Vacular protein sorting-associated protein 35     | VPS35      |                                                  |
| P0C18S     | Wee1-like protein kinase 2                        | WEE2       |                                                  |
| Q6CB80     | von Willebrand factor A domain-containing protein 1 | VWA1       |                                                  |
| Q16222     | UDP- N-acetyhexosamine pyrophosphorylase           | UAP1       |                                                  |
| Q2TAL6     | Brorin                                            | VWC2       |                                                  |
| Q9QNW7     | Xaa-Pro aminopeptidase 1                          | XPNPEP1    |                                                  |
| Q641Q2     | WASH complex subunit 2A                           | WASHC2A    |                                                  |
| P04275     | von Willebrand factor                             | VWF        |                                                  |
| Q9Y218     | WD repeat-containing protein 37                   | WDR37      |                                                  |
| P47989     | Xanthine dehydrogenase/oxidase                    | XDH        |                                                  |
| P56706     | Protein Wnt-7b                                    | WNT7B      |                                                  |
| Q9GZT5     | Protein Wnt-10a                                   | WNT10A     |                                                  |
| Q0VG73     | Putative uncharacterized protein LOC152225        | LOC152225  |                                                  |
| Q55H7      | Protein YIF1B                                     | YIF1B      |                                                  |
| Accession   | Description                                                                 |
|-------------|------------------------------------------------------------------------------|
| Q5PR19      | Putative UPF0607 protein LOC392364                                           |
| Q8N6K4      | Putative uncharacterized protein MGC34800                                    |
| Q8NAQ8      | Putative uncharacterized protein FLJ34945                                    |
| Q6ZN57      | Zinc finger protein 2 homolog ZFP2                                            |
| Q9NUJ63     | Zinc finger protein 57 homolog ZFP57                                          |
| Q8IXM3      | 39S ribosomal protein L41, mitochondrial MRPL41                               |
| Q2QD12      | Ribulose-phosphate 3-epimerase-like protein 1 RPEL1                           |
| Q9H777      | Zinc phosphodiesterase ELAC protein 1 ELAC1                                  |
| Q9W6XW1     | RNA polymerase II-associated protein 1 RPAP1                                  |
| P6Z875      | DNA-directed RNA polymerases I, II, and III subunit RPABC5 POLR2L             |
| Q8YW5       | E3 ubiquitin–protein ligase RNF168                                            |
| Q96K19      | E3 ubiquitin–protein ligase RNF170                                            |
| Q9H2S5      | RING finger protein 39 RNF39                                                  |
| Q9US88      | E3 ubiquitin–protein ligase RNF14                                              |
| Q9NW99      | E3 ubiquitin–protein ligase RNF216                                             |
| O00411      | DNA-directed RNA polymerase, mitochondrial POLRMT                             |
| Q8WXD0      | Relaxin receptor 2 RXFP2                                                      |
| P7382       | CMP-sialic acid transporter SLC35A1                                            |
| A6NY76      | Succinate dehydrogenase assembly factor 1, mitochondrial SDHAF1               |
| Q8TD22      | Sideroflexin-5 SPXN5                                                          |
| Q96PL1      | Secretoglobin family 3A member SCGB3A2                                        |
| Q5VUM1      | Succinate dehydrogenase assembly factor 4, mitochondrial SDHAF4               |
| Q13326      | Gamma-sarcoglycan SGCG                                                       |
| Q15427      | Splicing factor 3B subunit 4 SF3B4                                             |
| Q55RV8      | Transmembrane protein 25SA TMEM255A                                           |
| Q96T21      | Selenocysteine insertion sequence-binding protein 2 SECISBP2                  |
| Q58719      | Vesicle transport protein SFT2C SFT2D3                                        |
| P35247      | Pulmonary surfactant-associated protein D SFTPD                                |
| P98077      | SHC-transforming protein 2 SHC2                                                |
| P84101      | Small EDRK-rich factor 2 SERF2                                                 |
| P49909      | Selenoprotein P SELENOP                                                       |
| P31639      | Sodium/glucose cotransporter 2 SLC5A2                                         |
| Q13228      | Methanethiol oxidase SELENBP1                                                  |
| Q9UH88      | Septin–9 SEPTIN9                                                              |
| A6NH21      | Serine incorporator 4 SERINC4                                                 |
| Q96FV2      | Secernin–2SCRN2                                                               |
| Q9UP69      | Protein Smaug homolog 1 SAMD4A                                                |
| O14828      | Secretory carrier-associated membrane protein 3 SCAMP3                        |
| Q71RC9      | Small integral membrane protein SMIM5                                         |
| Q02806      | Transcription factor Sp2 SP2                                                  |
| Q9HOK1      | Serine/threonine–protein kinase SIK2                                           |
| P01241      | Somatotropin GH1                                                              |
| A0A494C19    | Putative speedy protein E9 SPDYE9                                              |
| Q98WV2      | Spermatogenesis-associated protein 9 SPATA9                                    |
| Q96AH0      | SOSS complex subunit B2 NABP1                                                 |
| Q8WYG1      | VPS10 domain-containing receptor SorCS1 SORCS1                                |
| Q537H7      | Spermatogenesis-associated protein 45 SPATA45                                  |
| Q75635      | Serpin B7 SERPINB7                                                            |
| P03973      | Antileukoproteinase SLPI                                                       |
| P11277      | Spectrin beta chain, erythrocytic SPTB                                         |
| ID          | Description                                      | ID          | Description                                      |
|------------|--------------------------------------------------|------------|--------------------------------------------------|
| Q68D10     | Protein SPT2 homolog                            | Q9NUV7     | Serine palmitoyltransferase 3                    |
| Q9N9V7     | Protein SSX2                                    | Q6IMI6     | Sulfotransferase 1C3                             |
| Q16385     | Putative protein SSX6                            | Q7RTT6     | UBX domain-containing protein 7                  |
| Q13586     | Stromal interaction molecule 1                   | Q95630     | STAM-binding protein                             |
| Q92502     | STAR-related lipid transfer protein 8            | P42226     | Signal transducer and activator of transcription 6 |
| Q94888     | Ubiquitin carboxy-terminal hydrolase 29          | Q99588     | Ubiquitin carboxy-terminal hydrolase 28          |
| Q9HB77     | Ubiquitin carboxy-terminal hydrolase isozone L3  | Q15374     | Ubiquitin carboxy-terminal hydrolase isozone L3  |
| Q60HY5     | TBC1 domain family member 3G                     | Q6ZVK1     | Transmembrane protein 179                        |
| Q9NVV9     | THAP domain-containing protein 1                 | Q99598     | Translin-associated protein X                    |
| Q96T88     | E3 ubiquitin-protein ligase UHRF1                | Q96MU6     | Zinc finger protein 778                          |
| Q2VY69     | Zinc finger protein 284                          | Q9HT7      | Zinc finger protein 287                          |
| Q13398     | Zinc finger protein 211                          | Q9Y237     | Peptidyl-prolyl cis-trans isomerase NIMA-interacting 4 |
| Q75151     | Lysine-specific demethylase PHF2                 | P35354     | Prostaglandin G/H synthase 2                     |
| P10720     | Platelet factor 4 variant                        | Q9UHV9     | Prefoldin subunit 2                              |
| Q08237     | ATP-dependent 6-phosphofructokinase, muscle type | Q00169     | Phosphatidylinositol transfer protein alpha isoform |
| Q00169     | Phosphatidylinositol transfer protein alpha isoform | P15428    | 15-hydroxyprostaglandin dehydrogenase            |
| Q01813     | ATP-dependent 6-phosphofructokinase, platelet type | P61758     | Prefoldin subunit 3                              |
| P15428     | 15-hydroxyprostaglandin dehydrogenase            | Q01453     | Peripheral myelin protein 22                     |
| Q01851     | POU domain, class 4, transcription factor 1      | Q9UK0      | Paired immunoglobulin-like type 2 receptor beta  |
| Q9H2H8     | Peptidyl-prolyl cis-trans isomerase-like 3       | P15428     | 15-hydroxyprostaglandin dehydrogenase            |
| Q01453     | Peptidyl-prolyl cis-trans isomerase-like 3       | Q01851     | POU domain, class 4, transcription factor 1      |
| Q99460     | POU domain, class 4, transcription factor 1      | Q92575     | Pregnancy-specific beta-1-glycoprotein 8         |
| Q9UQ74     | Pregnancy-specific beta-1-glycoprotein 8         | P28066     | Proteasome subunit alpha type-5                  |
| P11446     | Pregnancy-specific beta-1-glycoprotein 1         | P11446     | Pregnancy-specific beta-1-glycoprotein 1         |
| P02810     | Salivary acidic proline-rich phosphoprotein 1/2   | P86496     | Proline-rich protein 20A                         |
| P86496     | Proline-rich protein 20A                         | D3DT9V     | Putative protein PRAC2                           |
| Q75915     | PRK1 family protein 3                            | A3QI25     | PRA1 family member 22                            |
| Q99460     | Pregnancy-specific beta-1-glycoprotein 8         | P28066     | Proteasome subunit alpha type-5                  |
| Q9UQ74     | Pregnancy-specific beta-1-glycoprotein 1         | P11446     | Pregnancy-specific beta-1-glycoprotein 1         |
| Q8N142     | Adenylosuccinate synthetase isozyme 1            | Q99460     | 26S proteasome non-ATPase regulatory subunit 1   |
| Q92575     | UBX domain-containing protein 4                  | Q6DHY5     | TBC1 domain family member 3G                     |
| A6DND5     | Synapse differentiation-inducing gene protein 1-like | Q14994     | Synapsin-3                                      |
| Accession | Description                                           | Gene Name |
|-----------|-------------------------------------------------------|-----------|
| Q99593    | T-box transcription factor TBX5                       | TBX5      |
| P49368    | T-complex protein 1 subunit gamma                      | CCT3      |
| Q75347    | Tubulin-specific chaperone A                           | TBCA      |
| Q5H9I0    | Transcription factor Dp family member 3               | TFDP3     |
| Q92752    | Tenascin-R                                             | TNR       |
| Q8NB1L3   | Transmembrane protein 178A                            | TMEM178A  |
| Q15654    | Thyroid receptor-interacting protein 6                | TRIP6     |
| Q9Y296    | Trafficking protein particle complex subunit 4        | TRAPPC4   |
| Q9ULQ1    | Two pore calcium channel protein 1                    | TPCN1     |
| Q8WW62    | Transmembrane emp24 domain-containing protein 6        | TMED6     |
| A0A0B4J23 | T cell receptor alpha variable 1-2                    | TRAV1-2   |
| Q6EMB2    | Tubulin polyglutamylase TLL5                          | TLL5      |
| Q969E8    | Pre-rRNA-processing protein TSF2 homolog              | TSF2      |
| A0A1B0GX6 | T cell receptor beta variable 2                       | TRBV2     |
| Q6PHR2    | Serine/threonine-protein kinase ULK3                   | ULK3      |
| Q9B8L1    | Ubiquitin-associated domain-containing protein 1       | UBAC1     |
| Q7Z6J8    | E3 ubiquitin-protein ligase E3D                       | UBE3D     |
| Q70EL3    | Inactive ubiquitin carboxyl-terminal hydrolase 50      | USP50     |
| C9JJH3    | Ubiquitin carboxyl-terminal hydrolase 17-like protein 10 | USP17L10  |
| A8MUK1    | Ubiquitin carboxyl-terminal hydrolase 17-like protein 5 | USP17L5   |
| Q8IYU4    | Ubiquitin-like protein                                 | UBEQ1     |
| Q14119    | Vascular endothelial zinc finger 1                    | VEZF1     |
| P61077    | Ubiquitin-conjugating enzyme E2 D3                     | UBE2D3    |
| Q9HCJ6    | Synaptic vesicle membrane protein VAT-1 homolog-like   | VAT1L     |
| P63027    | Vesicle-associated membrane protein 2                 | VAMP2     |
| A4D1P6    | WD repeat-containing protein 91                       | WDR91     |
| Q6UX68    | XX-related protein 5                                   | XKR5      |
| O14609    | Testis-specific Xk-related protein, Y-linked           | XKR4      |
| Q6P2D8    | X-ray radiation resistance-associated protein 1        | XRRA1     |
| O00401    | Neural Wiskott-Aldrich syndrome protein                | WASL      |
| Q8TAF3    | WD repeat-containing protein 48                        | WDR48     |
| Q9HD64    | X antigen family member 1                             | XAGE1A    |
| O00744    | Protein Wnt-10b                                        | WNT10B    |
| Q5MNZ9    | WD repeat domain phosphoinositide-interacting protein 1 | WIP1      |
| O15498    | Synaptobrevin homolog YKT6                            | YKT6      |
| Q9H354    | Putative uncharacterized protein PRO1933              | PRO1933   |
| Q6ZQ7Y    | Putative uncharacterized protein FL46792              | FL46792   |
| Q8N6M9    | AN1-type zinc finger protein 2A                        | ZFAND2A   |
| P10072    | Zinc finger protein 875                                | ZNF875    |
| Q8NOV1    | Putative uncharacterized protein ZNF295-AS1           | ZNF295-AS1 |
| O95405    | Zinc finger FYVE domain-containing protein 9           | ZFYVE9    |
| P17017    | Zinc finger protein 14                                 | ZNF14     |
| Q15937    | Zinc finger protein 79                                 | ZNF79     |
| accession | protein name                                      | description                             |
|-----------|--------------------------------------------------|-----------------------------------------|
| P17040    | Zinc finger and SCAN domain-containing protein 20| ZSCAN20                                 |
| Q7Z2W4    | Zinc finger CCCH-type antiviral protein 1        | ZC3HAV1                                 |
| Q7Z3V5    | Zinc finger protein 571                         | ZNF571                                  |
| A0A0U1RRA0| Putative transmembrane protein ZNF593OS          | ZNF593OS                                |
| P43403    | Tyrosine–protein kinase ZAP-70                  | ZAP70                                   |
| O95218    | Zinc finger Ran-binding domain-containing protein 2| ZRAN82                                  |
| Q8TAD4    | Zinc transporter 5                              | SLC30A5                                 |
| Q6ZNH5    | Zinc finger protein 497                         | ZNF497                                  |
| O95365    | Zinc finger and BTB domain-containing protein 7A| ZB7T7A                                  |
| Q81BZ8    | Zinc finger protein 564                         | ZNF564                                  |
| Q9P2E3    | NFX1-type zinc finger-containing protein 1       | ZNFX1                                   |
| Q14585    | Zinc finger protein 345                         | ZNF345                                  |
| Q9Y6R6    | Zinc finger protein 780B                        | ZNF780B                                 |
| Q9HOC1    | Zinc finger MYND domain-containing protein 12    | ZMYND12                                 |
| Q9Y2L8    | Zinc finger protein with KRAB and SCAN domains 5| ZKSCAN5                                 |
| Q5VZL5    | Zinc finger MYM-type protein 4                   | ZYM4                                    |
| Q96MR9    | Zinc finger protein 560                         | ZNF560                                  |
| Q9Y6M5    | Zinc transporter 1                              | SLC30A1                                 |
| Q8N782    | Zinc finger protein 525                         | ZNF525                                  |
| Q13360    | Zinc finger protein 177                         | ZNF177                                  |
| Q61F20    | Zinc finger protein 721                         | ZNF721                                  |
| Q9H5S3    | Zinc finger protein 670                         | ZNF670                                  |
| Q9HCE3    | Zinc finger protein 532                         | ZNF532                                  |
| Q8NGJ0    | Olfactory receptor 5A1                          | OR5A1                                   |
| P36957    | Dihydrolipoyllysine-residue succinyltransferase component of 2-oxoglutarate dehydrogenase complex, mitochondrial | DLST                                    |
| Q01804    | OTU domain-containing protein 4                  | OTUD4                                   |
| Q96DC9    | Ubiquitin thioesterase OTUB2                    | OTUB2                                   |
| Q13606    | Olfactory receptor 5I1                          | OR5I1                                   |
| Q53FV1    | ORM1-like protein 2                             | ORMDL2                                  |
| Q96RR1    | Twinkle protein, mitochondrial                  | TWNK                                    |
| Q15198    | Platelet-derived growth factor receptor-like protein | PDGFR1                                 |
| Q8TC44    | POC1 centrolar protein homolog B                | POC1B                                   |
| Q96AD5    | Patatin-like phospholipase domain-containing protein 2| PNPLA2                                 |
| Q75T13    | GPI inositol-deacylase                          | PGAP1                                   |
| P62841    | 40S ribosomal protein S15                       | RPS15                                   |
| Q86SK9    | Stearoyl-CoA desaturase 5                       | SCD5                                    |
| Q96E2     | Secretory carrier-associated membrane protein 4 | SCAMP4                                  |
| Q86WS4    | Spermatogenesis-associated protein 24           | SPATA24                                 |
| Q62M02    | Scavenger receptor class A member 5             | SCARA5                                  |
| Q3K0W1    | Zinc finger protein SNAI3                       | SNAI3                                   |
| P0D9J3    | Small integral membrane protein 13              | SMIM13                                  |
| Q9H330    | Nuclear body protein SP140-like protein         | SP140L                                  |
| A0A1B0GU29| Small integral membrane protein 28              | SMIM28                                  |
| A1X283    | SH3 and PX domain-containing protein 2B         | SH3PXD2B                                |
| Q9NXA8    | NAD-dependent protein deacetylase sirtuin-5, mitochondrial | SIRT5                                   |
| Q2M3C7    | A-kinase anchor protein SPHKAP                  | SPHKAP                                  |
| P36952    | Serpin B5                                      | SERPINB5                                |
| Accession Number | Description |
|------------------|-------------|
| P50453           | Serpin B9   |
| Q8WYL5           | Protein phosphatase Slingshot homolog 1 |
| P60508           | Syncytin-2  |
| A6NGW2           | Putative stereocilin-like protein |
| Q96SB9           | Succinyl-CoA ligase |
| Q8IXO1           | SURP and G-patch domain-containing protein 2 |
| Q96SB4           | SRSF protein kinase 1 |
| P14868           | Aspartate--tRNA ligase, cytoplasmic |
| Q8YB8            | ATP-dependent RNA helicase SUPV3L1, mitochondrial |
| O60602           | Toll-like receptor 5 |
| P0D182           | Trafficking protein particle complex subunit 2B |
| A0A0B4J27        | T cell receptor alpha variable 17 |
| A0A0A6YYD4       | T cell receptor beta variable 13 |
| P41732           | Tetraspanin-7 |
| Q98ZM6           | UL16-binding protein 1 |
| Q8NFU3           | Thiosulfate/glutathione sulfurtransferase |
| Q9Y3C8           | Ubiquitin-fold modifier-conjugating enzyme 1 |
| Q8TB05           | UBA-like domain-containing protein 1 |
| Q5T6F2           | Ubiquitin-associated protein 2 |
| P62760           | Visinin-like protein 1 |
| Q9Y3A2           | Probable U3 small nucleolar RNA-associated protein 11 |
| Q9Y484           | WD repeat domain phosphoinositide-interacting protein 4 |
| O43516           | WAS/WASL-interacting protein family member 1 |
| P67809           | Y-box-binding protein 1 |
| Q9H4A3           | Serine/threonine-protein kinase WNK1 |
| Q9P1C3           | Putative uncharacterized protein PRO2829 |
| Q15942           | Zyxin |
| Q8NDB2           | Zinc finger protein 280C |
| Q96KR1           | Zinc finger RNA-binding protein ZFR |
| Q60290           | Zinc finger protein 862 |
| Q9UGR2           | Zinc finger CCH domain-containing protein 7B |
| Q9HCK0           | Zinc finger and BTB domain-containing protein 26 |
| P0CG24           | Zinc finger protein 883 |
| Q9YS2            | Zinc finger protein 330 |
| A4D1E1           | Zinc finger protein 804B |
| Q62N55           | Zinc finger protein 574 |
| Q9NUA8           | Zinc finger and BTB domain-containing protein 40 |
| Q9BR11           | Zinc finger SWIM domain-containing protein 1 |
| Q3CX4            | Zinc finger protein 568 |
| Q9ULT6           | E3 ubiquitin-protein ligase ZNRF3 |
| Q3MQO0           | Zinc finger protein 750 |
| Q9TF68           | Zinc finger protein 384 |
| P17032           | Zinc finger protein 37A |
| Q99676           | Zinc finger protein 184 |
| Q9ULC8           | Palmitoyltransferase ZDHHC8 |
| Q9HCJ5           | Zinc finger SWIM domain-containing protein 6 |
| Q4FZB7           | Histone-lysine N-methyltransferase KMT5B |
| Accession  | Description                                                                 | Ensembl   | Status          |
|------------|------------------------------------------------------------------------------|-----------|----------------|
| A0A075B6S2 | Immunoglobulin kappa variable 2D-29                                         | IGKV2D-29 |                |
| A0A075B6R9 | Probable non-functional immunoglobulin kappa variable 2D-24                 | IGKV2D-24 |                |
| A0A087WSY6 | Immunoglobulin kappa variable 3D-15                                          | IGKV3D-15 |                |
| Q5TGZ0     | MICOS complex subunit MIC10                                                 | MICOS10   |                |
| P53778     | Mitogen-activated protein kinase 12                                          | MAPK12    |                |
| Q15049     | Membrane protein MLC1                                                       | MLC1      |                |
| Q96P6D     | 2-acglycerol O-acyltransferase                                               | MOGAT1    |                |
| Q8N655     | Melanoregulin                                                               | MREG      |                |
| Q7R8Y1     | Monocarbohydrate transporter 9                                               | SLC16A9   |                |
| Q15440     | Multidrug resistance-associated protein 5                                   | ABCC5     |                |
| Q9Y217     | Myotubulin--related protein 5                                               | MTMR6     |                |
| Q95248     | Myotubulin--related protein 5                                               | SBF1      |                |
| P22033     | Methylmalonyl-CoA mutase, mitochondrial                                      | MMUT      |                |
| Q94H4K7    | Mitochondrial ribosome-associated GTPase 2                                  | MTG2      |                |
| Q75648     | Mitochondrial tRNA-specific 2-thiouridylase                                  | TRMU      |                |
| P59046     | NACH, LRR and PYD domains-containing protein 12                             | NLRP12    |                |
| Q92614     | Unconventional myosin-XVIIa                                                 | MYO18A    |                |
| Q98RK3     | Matrix remodeling-associated protein 8                                       | MXRA8     |                |
| Q86TC9     | Myopalladin                                                                 | MYPN      |                |
| Q9UMX5     | Neudesin                                                                    | NENF      |                |
| Q5SWX8     | Protein odr-4 homolog                                                       | ODR4      |                |
| Q7R5S6     | Proton channel OTOP2                                                        | OTOP2     |                |
| P32243     | Homeobox protein OTX2                                                       | OTX2      |                |
| Q9HBI1     | Beta-parvin                                                                  | PARVB     |                |
| Q5T6S3     | PHD finger protein 19                                                        | PHF19     |                |
| P6DJ1D     | Pepsin A-3                                                                  | PGA3      |                |
| Q32M88     | Protein-glucosylgalactosylhydroxyllysine glucosidase                        | PGGHG     |                |
| P41247     | Patatin-like phospholipase domain-containing protein 4                       | PNPLA4    |                |
| P28749     | Retinoblastoma-like protein 1                                               | RBL1      |                |
| B7ZAP0     | Rab GTPase--activating protein 1--like, isoform 10                          | RABGAP1L  |                |
| P61225     | Ras-related protein Rap-2b                                                  | RAP2B     |                |
| Q70E73     | Ras-associated and pleckstrin homology domains-containing protein 1          | RAPH1     |                |
| Q75916     | Regulator of G-protein signaling 9                                           | RGS9      |                |
| Q9HAU5     | Regulator of nonsense transcripts 2                                          | UPF2      |                |
| P27635     | 60S ribosomal protein L10                                                    | RPL10     |                |
| P38861     | 60S ribosomal protein L36a                                                   | RPL36A    |                |
| Q09UX5     | RING finger protein 112                                                      | RNF112    |                |
| Q8UL66     | E3 ubiquitin--protein ligase                                                 | RNF135    |                |
| Q8TCC3     | 39S ribosomal protein L30, mitochondrial                                    | MRPL30    |                |
| Q8NH4B     | Olfactory receptor 5B3                                                      | OR5B3     |                |
| Q62RJO     | Otogelin                                                                    | OTOG      |                |
| P04001     | Medium-wave-sensitive opsins                                               | OPN1MW    |                |
| Q58F6F     | Outer dense fiber protein 2                                                  | ODF2      |                |
| P04181     | Ornithine aminotransferase, mitochondrial                                   | OAT       |                |
| Q8NG78     | Olfactory receptor 8G5                                                      | OR8G5     |                |
| P47712     | Cytosolic phospholipase A2                                                  | PLA2G4A   |                |
| Q7834D     | Programmed cell death protein 6                                             | PDCD6     |                |
| Q96G03     | Phosphoglucomutase-2                                                        | PGM2      |                |
| Q62V29     | Patatin-like phospholipase domain-containing protein 7                      | PNPLA7    |                |
| Accession   | Description                                                                 | Accession   | Description                                                                 |
|------------|------------------------------------------------------------------------------|------------|------------------------------------------------------------------------------|
| Q9NPH0     | Lysophosphatidic acid phosphatase type 6                                     | ACP6       |                                                                               |
| Q9Y255     | PRELI domain-containing protein 1, mitochondrial                             | PRELID1    |                                                                               |
| P60891     | Ribose-phosphate pyrophosphokinase 1                                          | PRPS1      |                                                                               |
| Q9NV39     | Proline-rich protein 34                                                       | PRR34      |                                                                               |
| Q5JRX3     | Presequence protease, mitochondrial                                            | PITRM1     |                                                                               |
| Q16821     | Protein phosphatase 1 regulatory subunit 3A                                    | PPP1R3A    |                                                                               |
| P06454     | Prothymosin alpha                                                             | PTMA       |                                                                               |
| Q9UDW1     | Cytochrome b-c1 complex subunit 9                                             | UQCR10     |                                                                               |
| Q05519     | Serine/arginine-rich splicing factor 11                                        | SRSF11     |                                                                               |
| Q9BVJ6     | U3 small nucleolar RNA-associated protein 14 homolog A                        | UTP14A     |                                                                               |
| Q92797     | Symplekin                                                                    | SYMPK      |                                                                               |
| Q9Y228     | TRAF3-interacting JNK-activating modulator                                    | TRAF3IP3   |                                                                               |
| Q5VVN6     | Protein TASOR 2                                                               | TASOR2     |                                                                               |
| P78371     | T-complex protein 1 subunit beta                                              | CCT2       |                                                                               |
| Q8IV04     | Carabin                                                                      | TBC1D10C   |                                                                               |
| Q9UBL9     | Tufelin-interacting protein 11                                                | TFIP11     |                                                                               |
| Q5JTD0     | Tight junction-associated protein 1                                            | TJAP1      |                                                                               |
| A0A09YXA8  | T cell receptor beta joining 1-1                                              | TRBJ1-1    |                                                                               |
| P29401     | Transketolase                                                                 | TKT        |                                                                               |
| P51864     | Putative teratocarcinoma-derived growth factor 3                              | TDGF1P3    |                                                                               |
| Q15562     | Transcriptional enhancer factor TEF-4                                         | TEAD2      |                                                                               |
| Q69PG4     | Transmembrane protein 154                                                    | TMEM154    |                                                                               |
| Q9NV64     | Transmembrane protein 39A                                                    | TMEM39A    |                                                                               |
| Q8WVE6     | Transmembrane protein 171                                                    | TMEM171    |                                                                               |
| Q9UNG2     | Tumor necrosis factor ligand superfamily member 18                            | TNFSF18    |                                                                               |
| Q15643     | Thyroid receptor-interacting protein 11                                       | TRIP11     |                                                                               |
| A0A0B4J26  | T cell receptor alpha variable 41                                             | TRAV41     |                                                                               |
| P0C672     | Tetraspanin-19                                                                | TSPAN19    |                                                                               |
| Q9ULT0     | Tetrapricopeptide repeat protein 7A                                           | TTC7A      |                                                                               |
| A0A0ABYY7  | T cell receptor alpha variable 8-3                                            | TRAV8-3    |                                                                               |
| A0A1B0GX51 | T cell receptor beta variable 7-8                                             | TRBV7-8    |                                                                               |
| Q95164     | Ubiquitin-like protein 3                                                      | UBL3       |                                                                               |
| Q9Y4E8     | Ubiquitin carboxy-terminal hydrolase 15                                       | USP15      |                                                                               |
| Q8N7F7     | Ubiquitin-like protein 4B                                                      | UBL4B      |                                                                               |
| Q9NQ65     | U6 snRNA phosphodiesterase                                                    | U5B1       |                                                                               |
| P49765     | Vascular endothelial growth factor B                                          | VEGFB      |                                                                               |
| P15313     | V-type proton ATPase subunit B, kidney isom                                    | ATP6V1B1   |                                                                               |
| P16989     | Y-box-binding protein 3                                                       | YBX3       |                                                                               |
| Q8N1X5     | Uncharacterized protein FLJ37310                                              |                                                                     |
| Q499Y3     | Putative uncharacterized protein C10orf88-like                                |                                                                     |
| O43149     | Zinc finger ZZ-type and EF-hand domain-containing protein 1                   | ZZEF1      |                                                                               |
| Q9HCL3     | Zinc finger protein 14 homolog                                                | ZFP14      |                                                                               |
| O60844     | Zymogen granule membrane protein 16                                            | ZG16       |                                                                               |
| Q08AG5     | Zinc finger protein 844                                                       | ZNF844     |                                                                               |
| Q95049     | Tight junction protein ZO-3                                                   | TJP3       |                                                                               |
| Protein ID | Description                                      | Function/Location                  |
|-----------|--------------------------------------------------|-----------------------------------|
| Q96KM6    | Zinc finger protein 512B                         | ZNF512B                           |
| O15209    | Zinc finger and BTB domain-containing protein 22 | ZBTB22                            |
| P0C7X2    | Zinc finger protein 686                          | ZNF686                            |
| Q04898    | Zinc finger matrin-type protein 4                | ZMAT4                             |
| O5HYM4    | Probable ribonuclease ZC3H12B                    | ZC3H12B                           |
| Q9NX70    | Zinc finger protein 586                          | ZNF586                            |
| Q6PK81    | Zinc finger protein 773                          | ZNF773                            |
| Q14858    | Zinc finger protein 234                          | ZNF234                            |
| Q9UID6    | Zinc finger protein 639                          | ZNF639                            |
| Q6P148    | Aspartate--tRNA ligase, mitochondrial             | DARS2                             |
| P21675    | Transcription initiation factor TFII D subunit 1 | TAF1                              |
| Q7RTU0    | Transcription factor 24                          | TCF24                             |
| A6NKL6    | Transmembrane protein 200C                       | TMEM200C                          |
| Q9UHDR2   | Serine/threonine-protein kinase TBK1             | TBK1                              |
| Q7Z7G0    | Target of Nesh-SH3                               | ABI3BP                            |
| Q5VWV1    | Transcription elongation regulator 1-like protein| TCERG1L                           |
| Q8WV15    | Transmembrane protein 255B                       | TMEM255B                          |
| Q8N3T6    | Transmembrane protein 132C                       | TMEM132C                          |
| Q9BF39    | Tektin-3                                         | TEKT3                             |
| O96008    | Mitochondrial import receptor subunit TOM40       | TOMM40                            |
| O14763    | Tumor necrosis factor receptor superfamily member| TNFRSF10B                         |
| P20933    | Tumor necrosis factor receptor superfamily member| TNFRSF1B                         |
| Q6P2S7    | Putative tetrapartite repeat protein 41          | TTC41P                            |
| P07996    | Thrombospondin-1                                 | THBS1                             |
| Q9DJM4    | UL16-binding protein 3                           | ULBP3                             |
| Q6H3X3    | UL-16 binding protein 5                          | RAET1G                            |
| Q9H3I3    | Protein tweety homolog 1                         | TTYH1                             |
| Q8IU68    | Transmembrane channel-like protein 8             | TMCB                              |
| A6NMA1    | Putative uncharacterized protein TRPC50S         | TRPC50S                           |
| Q96H7Z    | Putative uncharacterized protein UR81-AS1        | UR81-AS1                          |
| Q99Y75    | Ubiquitin carboxyl-terminal hydrolase 16         | USP16                             |
| P35503    | UDP-glucuronosyltransferase 1A3                  | UGT1A3                            |
| Q9HA47    | Uridine-cytidine kinase 1                        | UCK1                              |
| A2RUC4    | tRNA wybutosine-synthesizing protein 5           | TYW5                              |
| P62253    | Ubiquitin-conjugating enzyme E2 G1               | UBE2G1                            |
| P49427    | Ubiquitin-conjugating enzyme E2 R1               | CDC34                             |
| P19320    | Vascular cell adhesion protein 1                 | VCAM1                             |
| P52735    | Guanine nucleotide exchange factor VAV2          | VAV2                              |
| P63123    | Endogenous retrovirus group K member 18 Pro protein| ERVK-18                           |
| Q9UM01    | Y+L amino acid transporter 1                     | SLC7A7                            |
| Q96Y3A3   | Protein ZGRF1                                    | ZGRF1                             |
| Q9COD3    | Protein zyg-11 homolog B                         | ZYG11B                            |
| Q8N8P6    | Putative uncharacterized protein FLJ39060        |                                   |
| Q3KP31    | Zinc finger protein 791                         | ZNF791                            |
| P17014    | Zinc finger protein 12                          | ZNF12                             |
| Q96IR2    | Zinc finger protein 845                         | ZNF845                            |
| Q6Z19     | Zinc finger protein 841                         | ZNF841                            |
| Q6X0G3    | Zinc finger protein 837                         | ZNF837                            |
| Q147U1    | Zinc finger protein 946                         | ZNF946                            |
| P17021    | Zinc finger protein 17                          | ZNF17                             |
| Accession | Description                                      | EntrezGene ID |
|-----------|--------------------------------------------------|---------------|
| Q96BR9    | Zinc finger and BTB domain-containing protein 8A | ZBTB8A        |
| Q19AV6    | Zinc finger SWIM domain-containing protein 7     | ZSWIM7        |
| Q5TB9     | Zinc finger protein 362                         | ZNF362        |
| Q96Q04    | Zinc finger protein 500                         | ZNF500        |
| Q9UK010   | Zinc finger protein 225                         | ZNF225        |
| Q5W0Z9    | Palmitoyltransferase ZDHHC20                     | ZDHHC20       |
| Q96CX3    | Zinc finger protein 501                         | ZNF501        |
| Q98S86    | Zona pellucida-binding protein 1                 | ZPBP          |
| Q494X3    | Zinc finger protein 404                         | ZNF404        |
| Q6ZNG0    | Zinc finger protein 620                         | ZNF620        |
| Q6NXT4    | Zinc transporter 6                              | SLC30A6       |
| Q8WXB4    | Zinc finger protein 606                         | ZNF606        |
| Q8NGL2    | Olfactory receptor 5L1                          | OR5L1         |
| Q922F3    | Neuronal cell adhesion molecule                  | NRCA          |
| A6NF89    | Olfactory receptor 6C6                          | OR6C6         |
| Q6ZS82    | Regulator of G-protein signaling 9-binding protein | RGS9BP       |
| Q9Y3T6    | R3H and coiled-coil domain-containing protein 1  | R3HCC1        |
| P17600    | Synapsin-1                                      | SYN1          |
| P51436    | Arginine--tRNA ligase, cytoplasmic               | RARS1         |
| Q14157    | Ubiquitin-associated protein 2-                  | UBAP2L        |
| Q9UL54    | Serine/threonine-protein kinase TAOK2            | TAOK2         |
| Q53T94    | TATA box-binding protein-associated factor RNA polymerase subunit B | TAF1B  |
| Q5T4T1    | Transmembrane protein 170B                      | TMEM170B      |
| P0DTE0    | Putative taste receptor type 2 member 36         | TAS2R36       |
| Q86V40    | Metalloprotease TIKI1                           | TRABD2A       |
| Q9NA92    | THAP domain-containing protein 8                 | THAP8         |
| Q04724    | Transducin-like enhancer protein                 | TLE1          |
| Q04727    | Transducin-like enhancer protein                 | TLE4          |
| Q9NX78    | Transmembrane protein 260                       | TMEM260       |
| Q5BD5     | Transmembrane protein 41B                       | TMEM41B       |
| Q9HV01    | Transmembrane protein 168                       | TMEM168       |
| AQAI80G1  | Transmembrane protein 272                       | TMEM272       |
| A2RJ14    | Transmembrane protein 218                       | TMEM218       |
| Q8WUH2    | Transforming growth factor-beta receptor-associated protein 1 | TGFBRAP1  |
| Q5SN2     | Transmembrane protein 201                       | TMEM201       |
| Q99H28    | Transmembrane protein 231                       | TMEM231       |
| Q96F44    | E3 ubiquitin-protein ligase                      | TRIM11        |
| P36406    | E3 ubiquitin-protein ligase                      | TRIM23        |
| P6180     | Putative tyrosine-protein phosphatase TPTE       | TPTE          |
| Q07011    | Tumor necrosis factor receptor superfamily member 9 | TNFRSF9  |
| Q93209    | Trafficking protein particle complex subunit 11  | TRAPPC11      |
| Q94982    | Tetraicopeptide repeat protein 12               | TTC12         |
| A0A07576V 5 | T cell receptor alpha variable 36/delta variable 7 | TRAV36DV 7   |
| Q15819    | Ubiquitin-conjugating enzyme E2 variant 2        | UBE2V2        |
| D6RCP7    | Ubiquitin carboxyl-terminal hydrolase 17-like protein 19 | USP17L19    |
| Q5T230    | Undifferentiated embryonic cell transcription factor 1  | UTF1          |
| Q95292    | Vesicle-associated membrane protein-associated protein B/C | VAPB         |
| Q9NMW82   | WD repeat-containing protein 70                  | WDR70         |
| Accession | Description                                                                 | Protein Name |
|-----------|-------------------------------------------------------------------------------|--------------|
| Q5MNZ6    | WD repeat domain phosphoinositide-interacting protein 3                       | WDR45B       |
| O75554    | WW domain-binding protein 4                                                    | WBP4         |
| Q14904    | Protein Wnt-9a                                                                | WNT9A        |
| A8MVMM7   | Putative uncharacterized protein ENSP0000382790                               |              |
| Q9UUW7    | Zinc finger protein 229                                                        | ZNF229       |
| P0DXX0    | Zinc finger protein 728                                                        | ZNF728       |
| Q8TAW3    | Zinc finger protein 671                                                        | ZNF671       |
| P57082    | T-box transcription factor TBX4                                                | TBX4         |
| Q725A8    | Chemokine-like protein TAF-A                                                  | TAF3         |
| P59544    | Taste receptor type 2 member 50                                                | TAS2R50      |
| Q9NQ88    | Fructose-2,6-bisphosphatase TIGAR                                              | TIGAR        |
| Q9NR96    | Toll-like receptor 9                                                           | TLR9         |
| P01266    | Thyroglobulin                                                                 | TG           |
| Q9NXG2    | THUMP domain-containing protein 1                                              | THUMPD1      |
| P31483    | Nucleolysin TIA-1 isomorph p40                                                 | TIA1         |
| Q98U02    | Thiamine-triphosphatase                                                        | THTPA        |
| Q8N77A    | Testis-expressed protein 18                                                    | TEX19        |
| Q72559    | Transmembrane protein 144                                                      | TMEM144      |
| P0DG4     | Testicular haploid expressed gene protein-like                                | THEGL        |
| Q9HC54    | Transcription factor 7-like 1                                                  | TCF7L1       |
| H0Y1L4    | Transmembrane protein 250                                                      | TMEM250      |
| P51854    | Transketolase-like protein 1                                                   | TKTL1        |
| Q96MN5    | Transcription elongation factor A N-terminal and central domain-containing protein 2 | TCEANC2 |
| Q96PF1    | Protein-glutamine gamma-glutamyltransferase Z                                  | TGM7         |
| Q6QAJ8    | Transmembrane protein 220                                                      | TMEM220      |
| Q24IQ0    | Transmembrane protein 241                                                      | TMEM241      |
| B5MCY1    | Tudor domain-containing protein 15                                              | TDDR15       |
| Q9H6F2    | Trimeric intracellular cation channel type A                                   | TMEM38A      |
| P56557    | Transmembrane protein 50B                                                      | TMEM50B      |
| P49221    | Protein-glutamine gamma-glutamyltransferase 4                                  | TGM4         |
| Q9N2C2    | Triggering receptor expressed on myeloid cells 2                               | TREM2        |
| O75382    | Tripartite motif-containing protein 3                                           | TRIM3        |
| O60507    | Protein-tyrosine sulfotransferase 1                                            | TPST1        |
| O43508    | Tumor necrosis factor ligand superfamily member 12                             | TNFSF12      |
| Q8N6O6    | E3 ubiquitin-protein ligase                                                    | TRIM58       |
| Q15650    | Activating signal cointegrator 1                                               | TRIP4        |
| Q9HC21    | Mitochondrial thiamine pyrophosphate carrier                                  | SLC25A19     |
| Q95985    | DNA topoisomerase 3-beta-1                                                     | TOP3B        |
| O14836    | Tumor necrosis factor receptor superfamily member 13B                         | TNFRSF13B    |
| Q15363    | Transmembrane emp24 domain-containing protein 2                                | TMED2        |
| P40238    | Thrombopoietin receptor                                                        | MPL          |
| Q8N6X5    | Putative transmembrane protein 75                                              | TMEM75       |
| Q8N3L3    | Beta-taxil                                                                     | TXLN8        |
| P22735    | Protein-glutamine gamma-glutamyltransferase K                                 | TGM1         |
| Q96842    | Transmembrane protein 18                                                       | TMEM18       |
| P17643    | 5,6-dihydroxindole-2-carboxylic acid oxidase                                  | TYRP1        |
| O75954    | Tetraspanin-9                                                                  | TSPAN9       |
| A1L157    | Tetraspanin-11                                                                 | TSPAN11      |
| Accession | Description                                           | Gene Name |
|-----------|-------------------------------------------------------|-----------|
| P01222    | Thyrotropin subunit beta                              | TSHB      |
| Q8IV45    | UNCSC-like protein                                    | UNC5C     |
| Q8N2C7    | Protein unc-80 homolog                               | UNC80     |
| Q8NB27    | UDP-glucuronic acid decarboxylase 1                   | UXS1      |
| Q2NL98    | Vimentin-type intermediate filament-associated coiled-coil protein | VMAC     |
| P22314    | Ubiquitin-like modifier-activating enzyme 1           | UBA1      |
| Q7Z7E8    | Ubiquitin-conjugating enzyme E2 Q1                   | UBE2Q1    |
| Q9BV40    | Vesicle-associated membrane protein 8                | VAMP8     |
| Q8NEX6    | Protein WFDC11                                        | WFDC11    |
| P02774    | Vitamin D-binding protein                             | GC        |
| Q8TEU8    | WAP, Kazal, immunoglobulin, Kunitz and NTR domain-containing protein 2 | WFIKKN2 |
| Q8WB7     | WD repeat and FYVE domain-containing protein 1        | WDFY1     |
| O75717    | WD repeat and HMG-box DNA-binding protein 1           | WDHD1     |
| O75063    | Glysosaminoglycan xylosylkinase                       | FAM20B    |
| Q969W8    | Putative uncharacterized protein EJ45840             |           |
| Q9BV40    | Zinc finger protein 566                               | ZNF566    |
| Q9BV50    | Zinc finger protein 610                               | ZNF610    |
| Q62R52    | Zinc finger protein 493                               | ZNF493    |
| Q3M356    | Zinc finger protein 528                               | ZNF528    |
| Q947R5    | Zinc finger protein 665                               | ZNF665    |
| Q62MN7    | PDZ domain-containing RING finger protein 4           | PDZR4N4   |
| Q15031    | Probable leucine--tRNA ligase, mitochondrial          | LARS2     |
| Q95045    | Uridine phosphorylase 2                               | UPP2      |
| Q5VXT5    | Synaptophysin-like protein 2                          | SYPL2     |
| Q15178    | T-box transcription factor T                          | TBX1      |
| Q9NWW7    | Taste receptor type 2 member 1                        | TASSR1    |
| P36402    | Transcription factor 7                                | TCF7      |
| Q15544    | Transcription initiation factor TFIID subunit 11      | TAF11     |
| P66371    | Tubulin beta-4B chain                                 | TUBB4B    |
| Q03519    | Antigen peptide transporter 2                         | TAP2      |
| Q8TDR4    | T-complex protein 10A homolog 1                       | TCP10L    |
| Q6P1N9    | Putative deoxyribonuclease TADTDN1                    | TATDN1    |
| P68366    | Tubulin alpha-4A chain                                | TUBA4A    |
| Q9HC07    | Transmembrane protein 165                             | TMEM165   |
| Q86UV6    | Tripartite motif-containing protein 74                | TRIM74    |
| Q99UBP6   | tRNA                                                  | METTL1    |
| P01850    | T cell receptor beta constant 1                       | TRBC1     |
| Q699F5    | E3 ubiquitin ligase TRIM40                            | TRIM40    |
| P57727    | Transmembrane protease serine 3                       | TPMRSS3   |
| O75365    | Protein tyrosine phosphatase type IVA 3               | PTP4A3    |
| A5PLN9    | Trafficking protein particle complex subunit 13       | TRAPPC13  |
| A0A1B0G5X5 | T cell receptor delta variable 1                      | TRDV1     |
| P23510    | Tumor necrosis factor ligand superfamily member 4     | TNFSF4    |
| Q8N6T0    | Type 2 DNA topoisomerase 6 subunit B-like             | TOP6BL    |
| Q96NM4    | TOX high mobility group box family member 2           | TOX2      |
| Accession  | Gene Name/Description |
|-----------|-----------------------|
| P59282    | Tubulin polymerization- |
|           | promoting protein family member 2 |
| O43617    | Trafficking protein particle complex subunit 3 |
| Q9H497    | Torsin-3A |
| Q9Y3B8    | Transmembrane emp24 domain-containing protein 7 |
| O75509    | Tumor necrosis factor receptor superfamily member 21 |
| Q2TAA8    | Translin-associated factor X-interacting protein 1 |
| O95857    | Torsin-3A |
| Q5TH14    | Vacuolar protein sorting-associated protein 13D |
| Q52LC2    | V-type proton ATPase subunit S1-like protein |
| A8MX80    | Putative UPF0607 protein ENSP00000383144 |
| Q8TF47    | Zinc finger protein 90 homolog |
| Q62Z06    | Zinc finger protein 813 |
| Q5CZA5    | Zinc finger protein 805 |
| O43298    | Zinc finger and BTB domain-containing protein 43 |
| Q99592    | Zinc finger and B1B domain-containing protein 18 |
| P25311    | Zinc-alpha-2-glycoprotein |
| Q15335    | Zinc finger protein 77 |
| Q8TBK6    | Zinc finger CCHC domain-containing protein 10 |
| Q6AHZ1    | Zinc finger protein 518A |
| Q15929    | Putative zinc finger protein 56 |
| Q86VK4    | Zinc finger protein 410 |
| Q96SK3    | Zinc finger protein 607 |
| Q96GR4    | Palmitoyltransferase ZDHHC12 |
| Q8N823    | Zinc finger protein 611 |
| Q8TAF7    | Zinc finger protein 461 |
| O60293    | Zinc finger C3H1 domain-containing protein |
| Q9UQR1    | Zinc finger protein 148 |
| Q96LW9    | Zinc finger and SCAN domain-containing protein 31 |
| Q998X9    | Palmitoyltransferase ZDHHC11 |
| Q8ND25    | E3 ubiquitin-protein ligase ZNRF1 |
| Q15014    | Zinc finger protein 609 |
| Q14590    | Zinc finger protein 235 |
| Q98R15    | Zinc transporter 2 |
| Q5H94L4   | Transcription initiation factor TFIID subunit 7-like |
| O75528    | Transcriptional adapter 3 |
| P30408    | Transmembrane 4 L6 family member 1 |
| Q8TEA7    | TBC domain-containing protein kinase-like protein |
| Q9Y4C2    | TRPM8 channel-associated factor 1 |
| Q98X06    | Transmembrane protein 121B |
| P59534    | Taste receptor type 2 member 39 |
| Q14C87    | Transmembrane protein 132D |
| Q9NZ16    | Transcription factor CP2-like protein 1 |
| Q62UX3    | TOG array regulator of axonemal microtubules protein 2 |
| Q9H7E2    | Tudor domain-containing protein 3 |
| Q2WG68    | Transmembrane protein 249 |
| Q8N2U0    | Transmembrane protein 256 |
| Accession | Description |
|-----------|-------------|
| Q8N6L7   | Transmembrane protein 252 (TMEM252) |
| P61165   | Transmembrane protein 258 (TMEM258) |
| Q6N614   | Transmembrane protein 156 (TMEM156) |
| Q5VZ19   | Tudor domain-containing protein 10 (TDRD10) |
| Q6UW68   | Transmembrane protein 205 (TMEM205) |
| A6NGA9   | Transmembrane protein 202 (TMEM202) |
| Q969S6   | Transmembrane protein 203 (TMEM203) |
| Q96GX1   | Tectonic-2 (TCTN2) |
| P14373   | Zinc finger protein RFP (TRIM27) |
| Q6PHZ9   | T-cell receptor-associated transmembrane adapter 1 (TRAT1) |
| Q94900   | Thymocyte selection-associated high mobility group box protein TOX |
| Q7Z4G4   | tRNA (TRMT11) |
| Q96KB5   | Lymphokine-activated killer T-cell-originated protein kinase (PBK) |
| P29144   | Tripeptidyl-peptidase 2 (TPP2) |
| P48788   | Troponin I, fast skeletal muscle (TNNT2) |
| P0DMS9   | Transmembrane domain-containing protein TMIGD3 (TMIGD3) |
| Q92956   | Tumor necrosis factor receptor superfamily member 14 (TNFRSF14) |
| Q02880   | DNA topoisomerase 2-beta (TOP2B) |
| Q15361   | Transcription termination factor 1 (TIF1) |
| A0A0B4J23| T cell receptor alpha variable 8-2 (TRAV8-2) |
| Q96C45   | Serine/threonine-protein kinase (ULK4) |
| C9J7I0   | Ubiquitin carboxy-terminal hydrolase (USP9Y) |
| Q06NU6   | Inactive Ufm1-specific protease 1 (UFSP1) |
| Q81AG6   | Vexin (VXN) |
| P46939   | Utrophin (UTRN) |
| Q7Z5L0   | Vitelline membrane outer layer protein 1 homolog (VMO1) |
| O00507   | Probable ubiquitin carboxy-terminal hydrolase (USP9Y) |
| Q96LB4   | V-type proton ATPase subunit G 3 (ATP6V1G3) |
| Q9Y2B5   | VPS9 domain-containing protein (VPS9D1) |
| Q7Z5H5   | Vomeronasal type-1 receptor 4 (VN1R4) |
| Q5V083   | WD repeat-containing protein 1 (WDR1) |
| Q9B3V8   | WD repeat-containing protein 18 (WDR18) |
| Q9P25S   | WD repeat-containing protein (WRAP73) |
| Q96014   | Protein Wnt-11 (WNT11) |
| P56704   | Protein Wnt-3a (WNT3A) |
| Q9NZC7   | WW domain-containing oxidoreductase (WWOX) |
| Q05625   | Zinc finger and BTB domain-containing protein 11 (ZBTB11) |
| Q9NQX6   | Zinc finger protein 331 (ZNF331) |
| Q5FWF4   | DNA annealing helicase and endonuclease (ZRANB3) |
| P0CG23   | Zinc finger protein 853 (ZNF853) |
| Q8N446   | Zinc finger protein 843 (ZNF843) |
| P0CH99   | Zinc finger protein 705D (ZNF705D) |
| P10209   | Zinc finger protein with KRAB and SCAN domains 1 (ZKSCAN1) |
| Q9NR11   | Zinc finger protein 302 (ZNF302) |
| Q9HCZ1   | Zinc finger protein 334 (ZNF334) |
| Q9Y493   | Zonadhesin (ZAN) |
| Q8NC26   | Zinc finger protein 114 (ZNF114) |
| Q68EA5   | Zinc finger protein 57 (ZNF57) |
| Q6NSZ9   | Zinc finger and SCAN domain-containing protein 25 (ZSCAN25) |
| Q9HRK0   | Zinc finger protein 442 (ZNF442) |
| Q86VM9   | Zinc finger CCCH domain-containing protein 18 (ZC3H18) |
| Q96Sz4   | Zinc finger and SCAN domain-containing protein 10 (ZSCAN10) |
| Accession | Description                                      | Ab initio ID |
|-----------|--------------------------------------------------|--------------|
| Q9Y5A6    | Zinc finger and SCAN domain-containing protein 21| ZSCAN21      |
| Q15090    | Zinc finger protein 536                          | ZNF536       |
| P51815    | Zinc finger protein 75D                          | ZNF75D       |
| Q8NEP9    | Zinc finger protein 555                          | ZNF555       |
| Q96SQ5    | Zinc finger protein 587                          | ZNF587       |
| Q43345    | Zinc finger protein 208                          | ZNF208       |
| Q996K75   | Zinc finger protein 514                          | ZNF514       |
| Q8WW24    | Tektin-4                                         | TEKT4        |
| Q92734    | Protein TFG                                      | TFG          |
| Q9COI4    | Thrombospondin type-1 domain-containing protein 7B| THSD7B      |
| Q99VMV1   | TLC domain-containing protein 4                  | TLC4         |
| Q9HC0C3   | Transmembrane protein 117                        | TMEM117      |
| Q96LM6    | Testis-expressed sequence 57 protein             | TEX37        |
| Q86T26    | Transmembrane protease serine 11B                | TMPRSS11B    |
| P04216    | Thy-1 membrane glycoprotein                      | THY1         |
| Q9BVK8    | Transmembrane protein 147                        | TMEM147      |
| A0A075B6Y3| T cell receptor alpha joining 3                  | TRAJ3        |
| Q92759    | General transcription factor IIH subunit 4       | GTF2H4       |
| A0A0A0MTA4| T cell receptor beta joining 2-5                  | TRBJ2-5      |
| Q8NIQ8    | Acyl-coenzyme A cholesteryl transferase          | THEM5        |
| Q5VZI3    | Transmembrane protein 268                        | TMEM268      |
| Q96HH4    | Transmembrane protein 169                        | TMEM169      |
| Q9GZN2    | Homeobox protein TGIF2                           | TGF2         |
| Q15661    | Transcriptional enhancer factor TEF-3            | TEAD4        |
| Q9NP99    | Triggering receptor expressed on myeloid cells 1 | TREM1        |
| Q8WZ59    | Transmembrane protein 190                        | TMEM190      |
| P17752    | Tryptophan 5-hydroxylase 1                       | TPH1         |
| Q9HR5M3   | Transmembrane protease serine 5                  | TMPRSS5      |
| P40225    | Thrombopoietin                                   | THPO         |
| P01374    | Lymphotoxin-alpha                                | LTA          |
| Q13470    | Non-receptor tyrosine-protein kinase TK1         | TNK1         |
| Q9YVK3    | TNF receptor-associated factor 6                 | TRAF6        |
| P40222    | Alpha-taxilin                                    | TXLNA        |
| Q8YR6     | Tomoregulin-1                                    | TMEFF1       |
| Q15628    | Tumor necrosis factor receptor type 1-associated DEATH domain protein | TRADD |
| Q9PK2K2   | Thioredoxin domain-containing protein 16         | TXNDC16      |
| Q51CY1    | Tau-tubulin kinase 1                             | TBK1         |
| P1DDPF4   | T cell receptor alpha variable 35                | TRAV35       |
| A0A0B4J26| T cell receptor alpha variable 4                 | TRAV4        |
| Q75436    | Vacular protein sorting-associated protein 26A   | VPS26A       |
| Q8IW7     | Putative ubiquitin-conjugating enzyme E2 D2-like protein | UBE2DNL |
| Q9UJ12    | V-type proton ATPase subunit H                    | ATP6V1H      |
| Q5GH70    | XK-related protein 9                             | XKR9         |
| Q9NYS5    | WD repeat and SOCS box-containing protein 2       | WSB2         |
| A8MWX3    | Putative WAS protein family homolog 4            | WASH4P       |
| Q9HHY2    | WD repeat-containing protein 55                   | WDR55        |
| P78423    | Fractalkine                                      | CX3CL1       |
| Q9GZV5    | WW domain-containing transcription regulator protein 1 | WWTR1    |
| Q9UHU1    | Putative uncharacterized protein PRO1716         | PRO1716      |
| Accession | Description                                      | Accession | Description                                      |
|-----------|--------------------------------------------------|-----------|--------------------------------------------------|
| Q86TA4    | Putative uncharacterized protein FLJ44553        | P49750    | YLP motif-containing protein 1 YLPM1             |
| Q9H412    | Zinc fingers and homeoboxes protein 3            | Q62SA8    | Putative uncharacterized protein FLJ45684        |
| Q86XD8    | AN1-type zinc finger protein 4 ZFAND4            | Q8NB50    | Zinc finger protein 62 homolog ZFP62             |
| Q05516    | Zinc finger and BTB domain-containing protein 16 | Q9HB78    | Zinc finger protein 286A ZNF286A                 |
| Q06732    | Zinc finger protein 33B ZNF33B                   | Q62NA1    | Zinc finger protein 836 ZNF836                   |
| Q6PD64    | Zinc finger protein 880 ZNF880                   | Q9B5G1    | Zinc finger protein 2 ZNF2                       |
| Q8NF64    | Zinc finger MIZ domain-containing protein 2 ZMI22|
| Q3M62     | Zinc finger and SCAN domain-containing protein 23| Q49A33    | Putative zinc finger protein 87/6 ZSCAN23        |
| Q52M63    | Zinc finger protein 585B ZNF585B                 | Q96H79    | Zinc finger CCCH-type antiviral protein 1-like ZC3HAV1L |
| P17097    | Zinc finger protein 7 ZNF7                       | Q6X784    | Zona pellucida-binding protein 2 ZPB7P2          |
| Q6ZN88    | Putative zinc finger protein 66 ZNF66            | Q9B7E5    | Zinc finger protein 87/6 ZSCAN23                 |
| O15535    | Zinc finger and SCAN domain-containing protein 9 | Q6XR72    | Zinc transporter 10 SLC30A10                      |
| Q6EC14    | Zinc finger protein 470 ZNF470                   | B1AHP4    | Putative zinc finger protein 487 ZNF487          |
| Q9H991    | Zinc finger MYND domain-containing protein 15 ZMYND15 |
| Q6I7O1    | Zinc finger protein 770 ZNF770                   | Q8WTR7    | Zinc finger protein 473 ZNF473                   |
| Q5MCW4    | Zinc finger protein 569 ZNF569                   | Q96LX8    | Zinc finger protein 597 ZNF597                   |
| Q92B68    | Zinc finger protein 516 ZNF516                   | Q8NH93    | Olfactory receptor 11.3 OR113                    |
| Q8N198    | Olfactory receptor 6.1 OR6.1                    | Q5ALP3    | Ankyrin repeat domain-containing protein SOWAH SOWAH |
| Q8N434    | Putative transporter SVOP SVOP                  | A0A0B4I23 | T cell receptor alpha variable 13-2 TRAV13-2   |
| Q15526    | Surfet locus protein 1 SURF1                    | Q9UH36    | SRR1-like protein SRRD                          |
| Q96520    | Sulfotransferase 2A1 SULT2A1                    | P11631    | Serum response factor SRF                       |
| Q14162    | Scavenger receptor class F member 1 SCARF1       | Q5VSL9    | Striatin-interacting protein 1 STRIP1           |
| Q9UW9     | SERTA domain-containing protein 3 SERTAD3        | Q13885    | Tubulin beta-2A chain TUBB2A                     |
| Q9H6P5    | Threonine aspartase 1 TASP1                     | Q13509    | Tubulin beta-3 chain TUBB3                      |
| Q9Y3F1    | Putative TAP2-associated 6.5 kDa polypeptide     | Q99BT2    | T-complex protein 1 subunit eta CCT7            |
| Q4KMP7    | TBC1 domain family member 10B TBC1D10B          | P59535    | Taste receptor type 2 member 40 TAS2R40         |
| A6NCK2    | Tripartite motif-containing protein 43B TRIM43B  | Q6UXY8    | Transmembrane channel-like protein 5 TMC5        |
| Q5JX7     | Transmembrane protein 31 TMEM31                 | Q9NH6     | Trimethylsine dioxygenase, mitochondrial TMHLHE   |
| Accession  | Description                                                                 |
|-----------|-----------------------------------------------------------------------------|
| Q15629    | Translocating chain-associated membrane protein 1 (TRAM1)                    |
| Q10649    | Transmembrane gamma-carboxyglutamic acid protein 2 (PRRG2)                  |
| Q9663     | Transmembrane and immunoglobulin domain-containing protein 2 (TMIGD2)       |
| P19971    | Thymidine phosphorylase (TYMP)                                              |
| Q6P3X3    | Tetrapicopeptide repeat protein 27 (TTC27)                                  |
| A0A075B6T8| T cell receptor alpha variable 9-1 (TRAV9-1)                                |
| P07101    | Tyrosine 3-monoxygenase (TH)                                                |
| Q9604    | TSSK6-activating co-chaperone protein (TSACC)                                |
| Q8IYN6    | UBA-like domain-containing protein 2 (UBALD2)                               |
| Q04323    | S-adenosyl-L-methionine-dependent tRNA 4-demethylwyosine synthase (TYW1)    |
| Q95399    | Uroptensin-2 (UTS2)                                                         |
| Q95498    | Vascular non-inflammatory molecule 2 (VNN2)                                  |
| Q2YD98    | UV-stimulated scaffold protein A (UVSSA)                                    |
| P19962    | Vascular endothelial growth factor A (VEGFA)                                |
| Q16572    | Vesicular acetylcholine transporter (SLC18A3)                               |
| P98170    | E3 ubiquitin-protein ligase XIAP (XIAP)                                     |
| Q08AM6    | Protein VAC14 homolog VAC14                                                 |
| Q96X1     | Vacuolar protein sorting-associated protein 33A (VPS33A)                    |
| P0C879    | Putative uncharacterized protein FLJ43185                                   |
| Q8NN01    | Putative uncharacterized protein FLJ40140                                   |
| Q966F9    | Zinc fingers and homeoboxes protein 1, isoform 2 (ZHX1-C8orf76)            |
| Q9UKY1    | Zinc fingers and homeoboxes protein 1 (ZHX1)                                 |
| Q6ZRN7    | Putative uncharacterized protein FLJ46214                                   |
| P61129    | Zinc finger CCCH domain-containing protein 6 (ZC3H6)                        |
| Q6PJT7    | Zinc finger CCCH domain-containing protein 14 (ZC3H14)                      |
| P0C7X5    | Zinc finger protein 80R (ZNF80R)                                            |
| A6NEH8    | Putative uncharacterized protein encoded by ZNF503-AS2 (ZNF503-AS2)        |
| Q96MX3    | Zinc finger protein 48 (ZNF48)                                              |
| P10073    | Zinc finger and SCAN domain-containing protein 22 (ZSCAN22)                |
| P51523    | Zinc finger protein 84 (ZNF84)                                              |
| P13682    | Zinc finger protein 35 (ZNF35)                                              |
| Q09923    | Zinc finger protein 85 (ZNF85)                                              |
| Q08YV0    | Zinc finger protein 100 (ZNF100)                                            |
| Q7Z317    | Zinc finger protein 572 (ZNF572)                                            |
| Q9ULJ6    | Zinc finger MIZ domain-containing protein 1 (ZMIZ1)                         |
| P98182    | Zinc finger protein 200 (ZNF200)                                            |
| Q8TCW7    | Zona pellucida-like domain-containing protein 1 (ZPLD1)                     |
| Q8TAKU    | Zinc finger protein 417 (ZNF417)                                            |
| Q9NYT6    | Zinc finger protein 226 (ZNF226)                                            |
| P51508    | Zinc finger protein 81 (ZNF81)                                              |
| Q9UJ78    | Zinc finger MIZ-type protein 5 (ZMYM5)                                      |
| Q8ITYX    | TBC1 domain family member 21 (TBC1D21)                                      |
| Q5NB6D8   | Transmembrane protein 223B (TMEM223B)                                       |
| Accession | Description                                                                 | Protein Name |
|-----------|------------------------------------------------------------------------------|--------------|
| Q15543    | Transcription initiation factor TFIID subunit 13                             | TAF13        |
| Q9BVW5    | TiMELESS-interacting protein                                                 | TIPIN        |
| Q6ZNK6    | TRAF–interacting protein with FHA domain-containing protein B                | TIFAB        |
| Q96A98    | Tubulointerdibular peptide of 39 residues                                    | PTH2         |
| A0A0C4DH28| T cell receptor gamma variable 4                                             | TRGV4        |
| O94842    | TOX high mobility group box family member 4                                  | TOX4         |
| Q8TDI7    | Transmembrane channel-like protein 2                                         | TMC2         |
| P06753    | Tropomyosin alpha-3 chain                                                    | TPM3         |
| Q96OQ5    | Trafficking protein particle complex subunit 9                              | TRAPPC9      |
| Q9BW30    | Tumor necrosis factor receptor superfamily member 12                         | TP5P3        |
| Q8WVT3    | Trafficking protein particle complex subunit 12                              | TRAPPC12     |
| Q8NFQ8    | Torsin–1A-interacting protein 2                                               | TOR1AIP2     |
| Q9NP84    | Tumor necrosis factor receptor superfamily member 12A                        | TNFRS5F12A   |
| Q5SRN2    | Testsis-expressed basic protein 1                                             | TSBP1        |
| Q8NA56    | Tetrameric peptide repeat protein 29                                          | TTC29        |
| Q9NQA5    | Transient receptor potential cation channel subfamily V member 5             | TRPV5        |
| Q96PF2    | Testis-specific serine/threonine-protein kinase 2                            | TSSK2        |
| Q00526    | Uropilakin-2                                                                 | UPK2         |
| P55098    | Ubiquitin carboxyl-terminal hydrolase 11                                     | USP11        |
| P992U7    | Vesicular glutamate transporter 1                                             | SLC17A7      |
| P18206    | Vinculin                                                                     | VCL          |
| P11473    | Vitamin D3 receptor                                                          | VDR          |
| Q43379    | WD repeat-containing protein 62                                               | WDR62        |
| Q8ZH2     | 5′-3′ exoribonuclease 1                                                       | XRN1         |
| Q559H3    | WD repeat-containing protein 44                                               | WDR44        |
| Q71RG6    | Putative chemokine-related protein FP248                                     | FP248        |
| Q6ZSV7    | Putative uncharacterized protein FL45177                                     |              |
| A6XGL0    | YjeF N-terminal domain-containing protein 3                                   | YJEFN3       |
| Q6UXP9    | Putative uncharacterized protein UNQ9370/PRO34162                            | UNQ9370/PRO34162|
| Q6ZRO3    | Uncharacterized protein FL46757                                             |              |
| Q6ZTK2    | Putative uncharacterized protein LOC400499                                  |              |
| Q9BYH9    | YTH domain-containing family protein 1                                       | YTHDF1       |
| Q49AA0    | Zinc finger protein 69 homolog                                               | ZFP69        |
| Q68DK2    | Zinc finger FYVE domain-containing protein 26                                 | ZFYVE26      |
| Q8NCN2    | Zinc finger and BTB domain-containing protein 34                              | ZBTB34       |
| Q6U7Q0    | Zinc finger protein 322                                                       | ZNF322       |
| Q96IL9    | Zinc finger protein 333                                                       | ZNF333       |
| Q9BR10    | Zinc finger protein with KRAB and SCAN domains 3                              | ZKSCAN3      |
| Q8WU4J    | Zinc finger protein 296                                                       | ZNF296       |
| Q9NQZ8    | Endothelial zinc finger protein induced by tumor necrosis factor alpha        | ZNF71        |
| Q9UW3J    | Zinc finger matrin-type protein 5                                             | ZMAT5        |
| Q86W11    | Zinc finger and SCAN domain-containing protein 30                             | ZSCAN30      |
| accession     | protein name                                      | gene name  |
|---------------|--------------------------------------------------|------------|
| P17039        | Zinc finger protein 30                           | ZNF30      |
| Q9HA38        | Zinc finger matrix-type protein 3                | ZMAT3      |
| Q8NCX3        | Zinc finger protein 485                          | ZNF485     |
| Q9EU7         | E3 ubiquitin-protein ligase                      | ZNF598     |
| P17098        | Zinc finger protein 8                            | ZNF8       |
| Q9ECK0        | Zinc finger protein 653                          | ZNF653     |
| Q9ECS4        | Zinc finger protein 689                          | ZNF689     |
| Q998X2        | Zinc finger protein 471                          | ZNF471     |
| Q8N720        | Zinc finger protein 655                          | ZNF655     |
| Q8NGW1        | Olfactory receptor 683                           | OR683      |
| Q5T2D3        | OTU domain-containing protein 3                  | OTUD3      |
| Q76099        | Olfactory receptor 7C1                           | OR7C1      |
| Q9YS5P0       | Olfactory receptor 51B4                          | OR51B4     |
| Q8NGA8        | Olfactory receptor 4F17                          | OR4F17     |
| Q8NG36        | Olfactory receptor 51A4                          | OR51A4     |
| Q8YE5S        | Osteoclast-associated immunoglobulin-like receptor | OSCAR     |
| Q96Q20        | Pannexin-3                                       | PANX3      |
| Q9NR21        | Protein mono-ADP-ribosyltransferase PARP11       | PARP11     |
| Q08493        | cAMP-specific 3',5'-cyclic phosphodiesterase 4C  | PDE4C      |
| Q8N5Y8        | Protein mono-ADP-ribosyltransferase PARP16       | PARP16     |
| P01298        | Pancreatic prohormone                            | PYY       |
| Q8TB3         | Protocadherin-19                                 | PCDH19     |
| Q9Y5E8        | Protocadherin beta-15                            | PCDHB15    |
| Q96013        | Serine/threonine-protein kinase PAK 4            | PAK4       |
| Q95E9         | Protocadherin beta-14                            | PCDHB14    |
| Q8TEQ8        | GPI ethanolamine phosphate transferase 3         | PIGO      |
| Q96Y18        | PHD finger protein 13                             | PHF13      |
| Q96AQ6        | Pre-B-cell leukemia transcription factor-interacting protein 1 | PBXIP1 |
| Q75925        | E3 SUMO-protein ligase PIAS1                      | PIAS1      |
| P09086        | POU domain, class 2, transcription factor 2      | POU2F2     |
| Q8NB8N7       | Prostaglandin reductase 2                        | PTGR2     |
| Q9YR2         | Tyrosine-protein phosphatase non-receptor type 22 | PTPN22    |
| Q6MTZ1        | Regulator of G-protein signaling 7-binding protein | RGS7BP    |
| A6NEQO        | RNA-binding motif protein, Y chromosome, family 1 member E | RBMY1E |
| P53B05        | Calcipressin-1                                   | RCAN1     |
| Q8TA17        | GTPase Rhebl1                                    | RHEBL1     |
| Q96H51        | RCC1-like G exchanger factor-like protein         | RCC1L      |
| Q6VN20        | Ran-binding protein 10                           | RANBP10    |
| Q96D15        | Reticulocalbin-3                                 | RCN3       |
| Q6ZP01        | RNA-binding protein 44                           | RBM44      |
| Q81XH3        | RNA-binding protein 45                           | RBM45      |
| P9756         | RNA-binding protein 25                           | RBM25      |
| Q6ZUM4        | Rho GTPase-activating protein 27                  | ARHGAP27  |
| Q9Y4F9        | Rho family-interacting cell polarization regulator 2 | RIPOR2 |
| P25791        | Rhombotin-2                                      | LMO2       |
| Q8N5W9        | Reflin-B                                         | RFLNB      |
| P22670        | MHC class II regulatory factor RFX1              | RFX1       |
| A5PLK6        | Regulator of G-protein signaling protein-like     | RGS1L     |
| Q8IZJ4        | Ral-GDS-related protein                          | RGL4       |
| P62750        | 60S ribosomal protein L23a                       | RPL23A     |
| Q5T653        | 39S ribosomal protein L2, mitochondrial           | MRPL2      |
| Q7Z22W9       | 39S ribosomal protein L21, mitochondrial          | MRPL21     |
| Q8WV05        | RING finger protein 141                          | RNF141     |
| Accession | Name                                                                 | Description                                                                 |
|-----------|----------------------------------------------------------------------|----------------------------------------------------------------------------|
| P05388    | 60S acidic ribosomal protein P0                                       | RPLP0                                                                      |
| Q9BT43    | DNA-directed RNA polymerase III subunit RPC7-like                    | POLR3GL                                                                   |
| Q9Y252    | E3 ubiquitin-protein ligase RNF6                                      | RNF6                                                                       |
| Q9UNE2    | Rab effector Noc2                                                    | RPH3AL                                                                    |
| P53803    | DNA-directed RNA polymerases I, II, and III subunit RPABC4          | POLR2K                                                                    |
| Q495C1    | Probable E3 SUMO-protein ligase RNF212                               | RNF212                                                                     |
| Q7Z418    | Potassium channel subfamily K member 18                              | KCNK18                                                                    |
| Q96EK5    | KIF-binding protein                                                  | KIFBP                                                                     |
| Q6L8G9    | Keratin-associated protein 5-6                                       | KRTAP5-6                                                                  |
| Q9Y691    | Calcium-activated potassium channel subunit beta-2                   | KCNMB2                                                                    |
| Q5T7N3    | KN motif and ankyrin repeat domain-containing protein 4              | KANK4                                                                     |
| Q9UQV4    | Lysosome-associated membrane glycoprotein 3                          | LAMP3                                                                     |
| Q75665    | Oral-facial-digital syndrome 1 protein                               | OFD1                                                                      |
| P47887    | Olfactory receptor 1E2                                               | OR1E2                                                                     |
| Q95190    | Ornithine decarboxylase antizyme 2                                   | OAZ2                                                                      |
| Q8IXE1    | Olfactory receptor 4N5                                               | OR4N5                                                                     |
| A6NF01    | Putative nuclear envelope pore membrane protein POM 121B             | POM121B                                                                   |
| Q9Y5H0    | Protocadherin gamma-A3                                              | PCDHGA3                                                                   |
| Q9HC56    | Protocadherin-9                                                      | PCDH9                                                                     |
| Q9NPF4    | Probable tRNA N6-adenosine thersonylcarbamoyltransferase             | OSGEP                                                                     |
| Q3M16     | Cytotoxic phospholipase A2 epsilon                                   | PL2A2G4E                                                                  |
| Q9NW50    | PIH1 domain-containing protein 1                                     | PIH1D1                                                                    |
| Q53GG5    | PDZ and LIM domain protein 3                                         | PDLIM3                                                                    |
| Q6NUR6    | Putative protein RNF216-like                                         | RNF216P1                                                                  |
| A0A1B0GW  | Parvalbumin-like EF-hand-containing protein                           | PVALEF                                                                    |
| P10826    | Retinoic acid receptor beta                                           | RARB                                                                      |
| Q51GL8    | PX domain-containing protein 1                                       | PXDC1                                                                     |
| Q9UKL0    | Rest corepressor 1                                                   | RCR1                                                                      |
| Q6NS4     | RPA-related protein RADX                                             | RADX                                                                      |
| P55895    | V                                                                     | RAG2                                                                      |
| P24386    | Rab proteins geranylgeranyltransferase component A 1                  | CHM                                                                       |
| P78509    | Reelin                                                                | RELN                                                                      |
| Q9ULC3    | Ras-related protein Rab-23                                           | RAB23                                                                     |
| Q9Y4C8    | Probable RNA-binding protein 19                                       | RBM19                                                                     |
| Q15286    | Ras-related protein Rab-35                                           | RAB35                                                                     |
| Q8TBY0    | Probable RNA-binding protein 46                                       | RBM46                                                                     |
| Q96PK6    | RNA-binding protein 14                                                | RBM14                                                                     |
| Q5T5U3    | Rho GTPase-activating protein 21                                      | ARHGPAP21                                                                 |
| Q86YS3    | Rab11 family-interacting protein 4                                   | RAB11FIP4                                                                 |
| Q08116    | Regulator of G-protein signaling 1                                   | RGS1                                                                      |
| P62745    | Rho-related GTP-binding protein RhoB                                  | RHOB                                                                      |
| Q02161    | Blood group Rh                                                       | RHD                                                                        |
| Q7LG56    | Ribonucleoside-diphosphate reductase subunit M2 B                     | RRM2B                                                                     |
| Q9H4X1    | Regulator of cell cycle RGCC                                          | RGCC                                                                       |
| Q684P5    | Rap1 GTPase-activating protein 2                                      | RAP1GAP2                                                                  |
| Q9NRR4    | Ribonuclease 3                                                        | DROSHA                                                                    |
| Q05823    | 2-5A-dependent ribonuclease                                          | RNASEL                                                                    |
| Q15050    | Ribosome biogenesis regulatory protein homolog                        | RRS1                                                                      |
| Q6XPK3    | Repetin                                                               | RPTN                                                                      |
| Q9H9B4    | Sideroflexin-1                                                       | SFXN1                                                                     |
| P62341    | Thioredoxin reductase-like selenoprotein T                             | SELENOT                                                                   |
| Accession | Description | Name |
|-----------|-------------|------|
| Q14242    | P-selectin glycoprotein ligand 1 | SELPLG |
| Q72333    | Probable helicase senataxin | SETX |
| P20132    | L-serine dehydratase/L-threonine deaminase | SDS |
| Q14563    | Semaphorin-3A | SEMA3A |
| Q7Z333    | Probable helicase senataxin | SETX |
| P20132    | L-serine dehydratase/L-threonine deaminase | SDS |
| Q14563    | Semaphorin-3A | SEMA3A |
| Q13435    | Splicing factor 3B subunit 2 | SF3B2 |
| Q6UX55    | Seizure 6-like protein 2 | SEZ6L2 |
| Q95470    | Sphingosine-1-phosphate lyase 1 | SGPL1 |
| O75920    | Small EDRK-rich factor 1 | SERF1A |
| Q8WTV1    | THAP domain-containing protein 3 | THAP3 |
| P48061    | Stromal cell-derived factor 1 | CXCL12 |
| Q9UH63    | Neuronal-specific septin-3 | SEPTIN3 |
| Q9H190    | Syntenin-2 | SDCBP2 |
| Q96EE3    | Nucleoporin SEH1 | SEH1L |
| Q9NS62    | Thrombospondin type-1 domain-containing protein 1 | THSD1 |
| B3SHH9    | Transmembrane protein 114 | TMEM114 |
| O60830    | Mitochondrial import inner membrane translocase subunit Tim17-B | TIMM17B |
| Q98TF0    | THUMP domain-containing protein 2 | THUMPD2 |
| Q98V44    | THUMP domain-containing protein 3 | THUMPD3 |
| Q92599    | Septin-8 | SEPTIN8 |
| Q98Y12    | S phase cyclin A-associated protein in the endoplasmic reticulum | SCAPER |
| Q12770    | Sterol regulatory element-binding protein cleavage-activating protein | SCAP |
| O75845    | Lathosterol oxidase | SC5D |
| P60059    | Protein transport protein Sec61 subunit gamma | SEC61G |
| Q92791    | Endoplasmic reticulum protein SC65 | P3H4 |
| Q98XW3    | Putative uncharacterized protein SNHG12 | SNHG12 |
| P0DPA3    | Putative uncharacterized protein SNHG28 | SNHG28 |
| Q99611    | Selenide, water dikinase 2 | SEPHS2 |
| Q9NPE6    | Sperm-associated antigen 4 protein | SPAG4 |
| Q96L92    | Sorting nexin-27 | SNX27 |
| Q8TCT6    | Signal peptide peptidase-like 3 | SPPL3 |
| Q92543    | Sorting nexin-19 | SNX19 |
| P53B14    | Smoothelin | SMTN |
| Q9HA7     | Histone deacetylase complex subunit SAP30L | SAP30L |
| Q8IW52    | SLIT and NTRK-like protein 4 | SLITRK4 |
| Q6X4U4    | Sorostin domain-containing protein 1 | SOSTDC1 |
| Q96619    | SPRY domain-containing SOCS box protein 2 | SPSB2 |
| Q9P1W8    | Signal-regulatory protein gamma | SIRPG |
| Q9NRC8    | NAD-dependent protein deacetylase sirtuin-7 | SIRT7 |
| A4D263    | Spermatogenesis-associated protein 48 | SPATA48 |
| Q8IUQ4    | E3 ubiquitin-protein ligase SIAH1 | SIAH1 |
| Q8NDV1    | Alpha-N-acetylglucosaminide alpha-2,6-sialyltransferase 3 | ST6GalNAcC3 |
| Q8N1F7    | Nuclear pore complex protein Nup93 | NUP93 |
| Accession | Name                                              | Description                                    |
|-----------|---------------------------------------------------|-----------------------------------------------|
| Q17844    | 5-oxoprolinase                                   | OPLAH                                         |
| P0C645    | Olfactory receptor 4E1                            | OR4E1                                         |
| Q8N694    | Olfactory receptor 2AK2                          | OR2AK2                                       |
| Q9Y5B6    | Nuclear RNA export factor 1                       | NFX1                                         |
| Q8N699    | Olfactory receptor 2110                           | OR2110                                       |
| Q8N654    | Olfactory receptor 56A1                           | OR56A1                                       |
| Q8N689    | Olfactory receptor 10A4                           | OR10A4                                       |
| Q8N651    | Olfactory receptor 10G2                           | OR10G2                                       |
| Q8N650    | Olfactory receptor 51H1                           | OR51H1                                       |
| Q8N697    | Olfactory receptor 11H2                           | OR11H2                                       |
| Q8N652    | Olfactory receptor 10W1                           | OR10W1                                       |
| P51575    | P2X purinoceptor 1                                | P2RX1                                        |
| Q9H697    | Oculin/ELL domain-containing protein 1            | OCEL1                                        |
| P0DN82    | Olfactory receptor 12D1                           | OR12D1                                       |
| Q8N653    | Olfactory receptor 13C4                           | OR13C4                                       |
| Q8N655    | Oxidation resistance protein 1                    | OXR1                                         |
| A0N6C1    | Putative POM121-like protein 1-like               |                                              |
| P49768    | Presenilin-1                                      | PSEN1                                        |
| Q96HP4    | Oxidoreductase NAD-binding domain-containing protein 1 | OXNAD1                               |
| Q865E9    | Polycomb group RING finger protein 5              | PCGF5                                        |
| Q9Y5G9    | Protocadherin gamma-A4                            | PCDHGA4                                      |
| Q9GZY1    | Prostate and breast cancer overexpressed gene 1 protein | PBOV1                          |
| A0A0B412F0 | Protein PIGBOS1                                     | PIGBOS1                                      |
| Q92824    | Proprotein convertase subtilisin/kexin type 5     | PCSK5                                        |
| Q75928    | E3 SUMO-protein ligase PIAS2                      | PIA2                                         |
| Q92576    | PHD finger protein 3                              | PHF3                                         |
| Q7Z5L7    | Podocan                                          | PODN                                         |
| Q99BV8    | Peflin                                            | PEF1                                         |
| O15172    | Putative phosphoserine phosphatase-like protein    | PSPHP1                                       |
| P60484    | Phosphatidylinositol 3,4,5-trisphosphate 3-phosphatase and dual-specificity protein phosphatase PTEN | PTEN                                      |
| Q8WXF1    | Paraspeckle component 1                           | PSPC1                                        |
| Q15678    | Tyrosine-protein phosphatase non-receptor type 14 | PTPN14                                       |
| Q9UNX3    | 60S ribosomal protein 126-like 1                  | RPL26L1                                      |
| Q01973    | Inactive tyrosine-protein kinase transmembrane receptor ROR1 | ROR1                                     |
| Q95398    | Rap guanine nucleotide exchange factor 3          | RAPGEF3                                      |
| Q9H4P4    | E3 ubiquitin-protein ligase NRDP1                  | RNF41                                        |
| Q8WZA2    | Rap guanine nucleotide exchange factor 4          | RAPGEF4                                      |
| Q92730    | Rho-related GTP-binding protein Rhe6               | RND1                                         |
| Q63HN8    | E3 ubiquitin-protein ligase                       | RNF213                                       |
| Q13296    | Mammaglobin-A                                     | SCGB2A2                                      |
| Q99720    | Sigma non-opioid intracellular receptor 1          | SIGMAR1                                      |
| A0A2B854F4 | Small cysteine and glycine repeat-containing protein 2 | SCYGR2                                      |
| Q5HYK7    | SH3 domain-containing protein                      | SH3D19                                       |
| P21912    | Succinate dehydrogenase                           | SDH8                                         |
| Q966Q0    | Small glutamine-rich tetracopeptide repeat-containing protein beta | SGTB                                     |
| Q96GA7    | Serine dehydratase-like                           | SDSL                                         |
| Q96NL6    | Sodium channel and clathrin linker 1              | SCLT1                                        |
| Q9UJC5    | SH3 domain-binding glutamic acid-rich-like protein 2 | SH3BGRL2                                |
| Q6UW10    | Surfactant-associated protein 2                    | SFTA2                                        |
| Accession  | Description                                           | Accession  | Description                                           |
|-----------|-------------------------------------------------------|-----------|-------------------------------------------------------|
| Q92529    | SHC-transforming protein 3                            | Q6FHJ7    | Secreted frizzled-related protein 4                   |
| Q13530    | Serine incorporator 3                                 | Q9NQW1    | Protein transport protein Sec31B                      |
| Q78324    | Stannin                                               | P55000    | Secreted Ly-6/uPAR-related protein 1                  |
| Q81YB5    | Stromal membrane-associated protein 1                 | P0DP57    | Secreted Ly-6/uPAR domain-containing protein 2        |
| O15079    | Syntaphilin                                           | Q9BVQ7    | Spermatogenesis-associated protein 5-like protein 1   |
| Q9UQE7    | Structural maintenance of chromosomes protein 3        | Q9NX6     | Sperm protein associated with the nucleus on the X chromosome D |
| Q9HCB6    | Spondin-1                                             | Q8N5G0    | Small integral membrane protein 20                   |
| Q9H2V7    | Protein spinster homolog 1                            | Q86T20    | Small integral membrane protein 29                   |
| A0A1B0GVV4| Small integral membrane protein 31                     | P18583    | Protein SON                                          |
| P12757    | Ski-like protein                                      | Q86UG4    | Solute carrier organic anion transporter family member 6A1 |
| P0CI01    | Speedy protein E6                                     | Q9HAU4    | E3 ubiquitin-protein ligase SMURF2                    |
| Q41225    | Transcription factor SOX-3                            | Q11203    | CMP-N-acetyleneuraminate-beta-1.4-galactoside alpha-2.3-sialyltransferase |
| POC7P3    | Protein SLFN14                                        | O15173    | Membrane-associated progesterone receptor component 2 |
| Q32P51    | Heterogeneous nuclear ribonucleoprotein A1-like 2     | Q8TE99    | 2-phosphoxylose phosphatase 1                         |
| Q96011    | Peroxisomal membrane protein 11B                      | Q92626    | Peroxidasin homolog                                  |
| Q9Y2K5    | R3H domain-containing protein 2                       | Q9N0T1    | Ribosomal biogenesis factor Rbis                     |
| Q86N0T1   | Ribosomal biogenesis factor Rbis                      | A6NJZ7    | RIMS-binding protein 3C                               |
| Q99H6L5   | Reticulophagy regulator 1                             | Q9H6L5    | Reticulophagy regulator 1                             |
| Q8IXN7    | N-acetylaspartylglutamate synthase A                   | Q15283    | Ras GTPase-activating protein 2                       |
| Q15034    | RIMS-binding protein 2                                | Q996L5    | RIMS-binding protein 3C                               |
| Q02543    | 60S ribosomal protein L18a                            | Q8IXN7    | RIMS-binding protein 3C                               |
| Q40429    | 60S ribosomal protein L13a                            | P18124    | 60S ribosomal protein L7                              |
| P18124    | 60S ribosomal protein L7                              | Q9NX20    | 39S ribosomal protein L16, mitochondrial               |
| Q9UX20    | 39S ribosomal protein L16, mitochondrial               | Q7Z7F7    | 39S ribosomal protein L55, mitochondrial              |
| Q8N5N7    | 39S ribosomal protein L50, mitochondrial              | Q9NVU0    | DNA-directed RNA polymerase III subunit RPC5          |
| P56715    | Oxygen-regulated protein 1                            | Q9ULK6    | RING finger protein 150                               |
| Accession | Description |
|-----------|-------------|
| Q9NSQ0    | Putative ribosomal RNA-processing protein 7 homolog B |
| Q92766    | Ras-responsive element-binding protein 1 |
| P61247    | 40S ribosomal protein S3a |
| Q9HK4     | Radial spoke head protein 6 homolog A |
| A1A5C7    | Solute carrier family 22 member 23 |
| P82663    | 28S ribosomal protein S25, mitochondrial |
| Q9UGH3    | Solute carrier family 23 member 2 |
| Q96RN1    | Tests anion transporter 1 |
| Q8WWV3    | Reticulon-4-interacting protein 1, mitochondrial |
| Q7LBE3    | Solute carrier family 26 member 9 |
| P06702    | Protein S100-A9 |
| Q9UBT2    | SUMO-activating enzyme subunit 2 |
| P80511    | Protein S100-A12 |
| Q9HCY8    | Protein S100-A14 |
| Q98XP2    | Solute carrier family 12 member 9 |
| Q86WW1    | Solute carrier family 22 member 16 |
| Q8NF91    | Nesprin-1 |
| Q9UHW9    | Solute carrier family 12 member 6 |
| Q2Y0W8    | Electroneutral sodium bicarbonate exchanger 1 |
| Q9UXD3    | SEC14-like protein 4 |
| B5MCN3    | Putative SEC14-like protein 6 |
| Q9BYT1    | Solute carrier family 17 member 9 |
| P82979    | SAP domain-containing ribonucleoprotein |
| P21453    | Sphingosine 1-phosphate receptor 1 |
| P0DJ8     | Serum amyloid A-1 protein |
| Q6UVJ0    | Spindle assembly abnormal protein 6 homolog |
| Q9Y2R9    | 28S ribosomal protein S7, mitochondrial |
| Q86VV8    | Rotatin |
| Q9NQC3    | Reticulon-4 |
| P09661    | U2 small nuclear ribonucleoprotein A' |
| Q66K80    | Putative uncharacterized protein RUSC1-AS1 |
| Q5K651    | Sterile alpha motif domain-containing protein 9 |
| O6078     | 28S ribosomal protein S14, mitochondrial |
| Q8TEE9    | Histone deacetylase complex subunit SAP25 |
| P82912    | 28S ribosomal protein S11, mitochondrial |
| Q13214    | Semaphorin-3B |
| Q9NR46    | Endophilin-B2 |
| Q9UBV2    | Protein sel-1 homolog 1 |
| Q98188    | Synaptotagmin-11 |
| Q96HL8    | SH3 domain-containing YSC84-like protein 1 |
| Q8N5H7    | SH2 domain-containing protein 3C |
| Q88WV19   | Vesicle transport protein SFT2A |
| Q12981    | Vesicle transport protein SEC20 |
| Q15464    | SH2 domain-containing adapter protein B |
| O60939    | Sodium channel subunit beta-2 |
| P0C7M3    | Surfactant-associated protein 3 |
| Accession | Description                                                                 | Gene   |
|-----------|------------------------------------------------------------------------------|--------|
| Q8N6R1    | Stress-associated endoplasmic reticulum protein 2                            | SERP2  |
| Q99590    | Protein SCAF11                                                                | SCAF1  |
| Q96LD8    | Sentrin-specific protease 8                                                  | SENP8  |
| Q12765    | Secernin-1                                                                  | SCRN1  |
| Q9Y345    | Sodium- and chloride-dependent glycine transporter 2                         | SLC6A5 |
| Q8YM1     | Septin-12                                                                    | SEPTIN12|
| Q15796    | Mothers against decapentaplegic homolog 2                                   | SMAD2  |
| Q16613    | Serotonin N-acetyltransferase                                                 | AANAT  |
| A6NHR9    | Structural maintenance of chromosomes flexible hinge domain-containing protein 1 | SMCHD1 |
| Q75602    | Sperm-associated antigen 6                                                    | SPAG6  |
| Q92922    | SWI/SNF complex subunit                                                      | SMARC1 |
| Q8TCT7    | Signal peptide peptidase-like 2B                                             | SPPL2B |
| A6NC15    | Putative transmembrane protein encoded by LINC00862                          | LINC00862|
| Q6PJ21    | SPRY domain-containing SOCS box protein 3                                    | SPSB3  |
| P56693    | Transcription factor SOX-10                                                  | SOX10  |
| Q13526    | Peptidyl-prolyl cis-trans isomerase NIMA-interacting 1                        | PIN1   |
| Q13371    | Phosducin-like protein                                                        | PDCL   |
| P29590    | Protein PML                                                                  | PML    |
| Q14761    | Protein tyrosine phosphatase receptor type C-associated protein               | PTPRCAP|
| P23468    | Receptor-type tyrosine-protein phosphatase delta                             | PTPRD  |
| Q9HJ4     | Glutamine-rich protein 2                                                      | QRICH2 |
| Q9BRO0    | Pygopus homolog 2                                                            | PYGO2  |
| Q8TDU9    | Relaxin-3 receptor 2                                                          | RXFP4  |
| P62910    | 60S ribosomal protein L32                                                     | RPL32  |
| P0DPB6    | DNA-directed RNA polymerases I and III subunit RPAC2                         | POLR1D |
| Q9GZM3    | DNA-directed RNA polymerase II subunit RPB11-b1                               | POLR2J2|
| P52198    | Rho-related GTP-binding protein RhoN                                         | RND2   |
| Q9NVW2    | E3 ubiquitin-protein ligase RUM                                                | RUM    |
| Q5TA31    | E3 ubiquitin-protein ligase                                                   | RNF187 |
| Q9BY78    | E3 ubiquitin-protein ligase                                                   | RNF26  |
| Q96P16    | Regulation of nuclear pre-mRNA domain-containing protein 1A                 | RPRD1A |
| Q9NQ39    | Putative 40S ribosomal protein S10-like                                       | RPS10P5|
| Q9Y2B1    | Ribitol-5-phosphate xylosyltransferase 1                                     | RXYLT1 |
| Q7Z769    | Solute carrier family 35 member E3                                            | SLC35E3|
| Q9H2B4    | Sulfate anion transporter 1                                                   | SLC26A1|
| Q8WUT9    | Solute carrier family 25 member 43                                            | SLC25A43|
| Q96E40    | Sperm acrosome-associated protein 9                                           | SPACA9 |
| Q6P1M0    | Long-chain fatty acid transport protein 4                                     | SLC27A4|
| Q9Y2W3    | Proton-associated sugar transporter A                                         | SLC45A1|
| Q8TF17    | SH3 domain and tetratricopeptide repeat-containing protein 2                 | SH3TC2 |
| Q8NB5     | Solute carrier family 43 member 3                                             | SLC43A3|
| Q90HP6    | Radial spoke head 14 homolog                                                  | RSPOH14|
| Q8WWT9    | Solute carrier family 13 member 3                                             | SLC13A3|
| Q9NRA2    | Sialin                                                                       | SLC17A5|
| Accession | Description                                      | Gene Symbol |
|-----------|--------------------------------------------------|-------------|
| Q96DX4    | Ring finger and SPRY domain-containing protein 1 | RSPRY1      |
| Q9UL12    | Sarcosine dehydrogenase, mitochondrial           | SARDH       |
| Q8WUM9    | Sodium-dependent phosphate transporter 1         | SLC20A1     |
| Q96BU1    | S100P-binding protein                            | S100PBP     |
| Q62NE9    | RUN and FYVE domain-containing protein 4         | RUFY4       |
| Q94885    | SAM and SH3 domain-containing protein 1          | SASH1       |
| P08621    | U1 small nuclear ribonucleoprotein 70 kDa       | SNRNP70     |
| Q7M4L6    | SH2 domain-containing adapter protein F          | SHF         |
| Q12874    | Splicing factor 3A subunit 3                     | SF3A3       |
| Q99442    | Translocation protein SEC62                     | SEC62       |
| Q99963    | Endophilin-A3                                    | SHGIL3      |
| Q9UN30    | Sex comb on midleg-like protein                  | SCML1       |
| Q9UQR0    | Sex comb on midleg-like protein                  | SCML2       |
| Q9BYB0    | SH3 and multiple ankyrin repeat domains protein 3| SHANK3      |
| Q86VV0    | SEC14 domain and spectrin repeat-containing protein 1 | SESTD1     |
| Q15019    | Septin-2                                         | SEPTIN2     |
| O00560    | Syntenin-1                                       | SDCBP       |
| Q96F10    | Thialysine N-epsilon-acetyltransferase           | SAT2        |
| Q9BSV6    | RNA-splicing endonuclease subunit Sen34          | TSEN34      |
| Q8N9R8    | Protein SCAI                                     | SCAI        |
| Q9NY91    | Solute carrier family 5 member 4                 | SLC5A4      |
| P47872    | Secretin receptor                                | SCTR        |
| P21583    | Kit ligand                                       | KITLG       |
| Q6GMV2    | SET and MYND domain-containing protein 5         | SMYD5       |
| Q9NX6     | Non-structural maintenance of chromosomes element 4 homolog A | NSMCE4A |
| Q8NGZ5    | Olfactory receptor 2G2                           | OR2G2       |
| Q8TE49    | OTU domain-containing protein 7A                 | OTUD7A      |
| Q8NX1     | PH and SEC7 domain-containing protein 4          | PSD4        |
| Q9YSG6    | Protocadherin gamma-A7                           | PCDHGA7     |
| A0A2R8YFL7| Oocyte-secreted protein 4A                        | OOSP4A      |
| Q9NH16    | Olfactory receptor 2L2                           | OR2L2       |
| Q6QHF9    | Peroxisomal N                                   | PAOX        |
| Q5QEB9    | Protein PAPPAS                                  | PAPPAS-AS1  |
| O43252    | Bifunctional 3'-phosphoadenosine 5'-phosphosulfate synthase 1 | PAPSS1 |
| Q8NGA6    | Olfactory receptor 10H5                          | OR10H5      |
| Q9BZA7    | Protocadherin-11 X-linked                        | PCDH11X     |
| Q7L5N7    | Lyso phosphatidylcholine acetyltransferase 2     | LPCAT2      |
| P16499    | Rod cGMP-specific 3',5'-cyclic phosphodiesterase subunit alpha | PDE6A |
| P0CB38    | Polyadenylate-binding protein 4-like             | PABPC4L     |
| Q15365    | Poly                                             | PCBP1       |
| P27815    | cAMP-specific 3',5'-cyclic phosphodiesterase 4A  | PDE4A       |
| Q86U42    | Polyadenylate-binding protein 2                  | PABPN1      |
| Q9BPV8    | P2Y purinoceptor 13                              | P2RY13      |
| Q13177    | Serine/threonine-protein kinase PAK 2            | PAK2        |
| Q9BPJ1    |                                                | PDJ1        |
| Q32P28    | Prolyl 3-hydroxylase 1                           | P3H1        |
| Accession | Description |
|-----------|-------------|
| P30039    | Phenazine biosynthesis-like domain-containing protein |
| Q92508    | Piezo-type mechanosensitive ion channel component 1 |
| Q53EL6    | Programmed cell death protein 4 |
| Q9HON5    | Pterin-4-alpha-carbinolamine dehydratase 2 |
| Q8WXI9    | Transcriptional repressor p66- |
| Q8N490    | Probable hydrolase PNKD |
| Q6PK2     | Polyamine-modulated factor 1 |
| A0A1W2PS  | Transmembrane protein PMIS2 |
| P10266    | Endogenous retrovirus group K member 10 Pol protein |
| Q9ULR3    | Protein phosphatase 1H |
| Q9Y446    | Plakophilin-3 |
| A0JP26    | POTE ankyrin domain family member B3 |
| Q9971     | Prefoldin subunit 5 |
| P35813    | Protein phosphatase 1A |
| P42338    | Phosphatidylinositol 4,5-bisphosphate 3-kinase catalytic subunit beta isoform |
| A0PG75    | Phospholipid scramblase family member 5 |
| Q9UHV8    | Galactoside-binding soluble lectin 13 |
| Q63HM9    | PI-PLC X domain-containing protein 3 |
| P25787    | Proteasome subunit alpha type-2 |
| Q7Z3G6    | Prickle-like protein 2 |
| P04554    | Protamine-2 |
| Q00887    | Pregnancy-specific beta-1-glycoprotein 9 |
| P25599    | Polyplpyrimidine tract-binding protein 1 |
| Q9NXS2    | Glutamyl-peptide cyclotransferase-like protein |
| B4DYI2    | Putative spermatogenesis-associated protein 31C2 |
| Q9H446    | RWD domain-containing protein |
| Q9UYI3    | RWD domain-containing protein 2A |
| POC7Q6    | Solute carrier family 35 member G6 |
| Q8N413    | Solute carrier family 25 member 45 |
| Q8N357    | Solute carrier family 35 member |
| Q96ER3    | Protein SAAL1 |
| P21817    | Ryanodine receptor 1 |
| Q9ULF5    | Zinc transporter ZIP10 |
| Q90JW4    | Solute carrier family 41 member 2 |
| Q13424    | Scaffold attachment factor B1 |
| P47897    | Glutamine--tRNA ligase |
| Q9UJJ7    | RNA pseudouridylate synthase domain-containing protein 1 |
| Q96DX8    | Receptor--transporting protein 4 |
| O6PA47    | Sideroflexin-4 |
| Q008648   | Sperm--associated antigen 11B |
| Q98QE4    | Selenoprotein S |
| Q8YI0     | Shieldin complex subunit 1 |
| O95969    | Secretoglobin family 1D member |
| Q15428    | Splicing factor 3A subunit 2 |
| P31040    | Succinate dehydrogenase |
| Q99962    | Endophilin-A1 |
| Q9Y3B4    | Splicing factor 3B subunit 6 |
| Q8I6J3    | E3 ubiquitin--protein ligase |
| P29353    | SHC-transforming protein 1 |
| Accession | Description | Gene Symbol |
|-----------|-------------|-------------|
| Q9NY46    | Sodium channel protein type 3 subunit alpha | SCN3A |
| Q9NY72    | Sodium channel subunit beta-3 | SCN3B |
| Q9NQF3    | Serine hydrolase-like protein | SERHL |
| A8MVZ3    | Serpin E3 | SERPINE3 |
| Q6CB4     | Sesquipedalain-2 | PHETA2 |
| Q9HE6     | Semaphorin-6A | SEMA6A |
| Q02383    | Semenogelin-2 | SEMG2 |
| Q7269J    | tRNA-splicing endonuclease subunit Sen54 | TSEN54 |
| Q9GZK1    | Senrin-specific protease 6 | SENP6 |
| P0C664    | Uncharacterized serine/threonine-protein kinase SBK3 | SBK3 |
| Q6ZU15    | Septin-14 | SEPTIN14 |
| P67812    | Signal peptidase complex catalytic subunit SEC11A | SEC11A |
| Q76013    | Keratin, type I cuticular Ha6 | KRT36 |
| P48050    | Inward rectifier potassium channel 4 | KCNJ4 |
| Q9HB14    | Potassium channel subfamily K member 13 | KCNK13 |
| Q9NZT2    | Kv channel-interacting protein 1 | KCNIP1 |
| Q04759    | Protein kinase C theta type | PRKCC |
| P27361    | Mitogen-activated protein kinase 3 | MAPK3 |
| Q726M3    | Allergin-1 | MILR1 |
| P14780    | Matrix metalloproteinase-9 | MMP9 |
| Q6NG10    | Olfactory receptor 13C9 | OR13C9 |
| A6NES4    | Maestro heat-like repeat-containing protein family member 2A | MROH2A |
| Q95255    | Multidrug resistance-associated protein 6 | ABCC6 |
| Q95665    | Neurotensin receptor type 2 | NTSR2 |
| Q9Y4C0    | Neurexin-3 | NRNX3 |
| Q9Y328    | Neuronal vesicle trafficking-associated protein 2 | NSG2 |
| Q966P8    | 2-oxoglutarate receptor 1 | OXGR1 |
| Q8WXXA2   | Prostate and testis expressed protein 1 | PATE1 |
| P10082    | Peptide YY | PYY |
| Q9HBH0    | Rho-related GTP-binding protein RhoF | RHOF |
| Q9H426    | Regulating synaptic membrane exocytosis protein 4 | RIMS4 |
| Q9E8L4    | RILP-like protein 1 | RILPL1 |
| Q9NWS8    | Required for meiotic nuclear division protein 1 homolog | RMND1 |
| Q994L5    | E3 ubiquitin-protein ligase | RNF115 |
| Q957X1    | RNA-binding motif protein, X-linked-like-3 | RBMXL3 |
| P62917    | 60S ribosomal protein L8 | RPL8 |
| Q9Y225    | RING finger protein 24 | RNF24 |
| Q15637    | Splicing factor 1 | SF1 |
| A0A2867YG1| Small cysteine and glycine repeat-containing protein 8 | SCYGR8 |
| Q0DS02    | Small cysteine and glycine repeat-containing protein 9 | SCYGR9 |
| Q15459    | Splicing factor 3A subunit 1 | SF3A1 |
| Q9974F    | Semaphorin-4F | SEMA4F |
| Q86EC5    | E3 ubiquitin-protein ligase | SH3RF2 |
| P04278    | Sex hormone-binding globulin | SHBG |
| Q6P3W7    | SCY1-like protein 2 | SCYL2 |
| Q86WT1    | Sodium channel subunit beta-4 | SCN4B |
| Q5147F    | Secreted frizzled-related protein 5 | SFRP5 |
| Q8NY4J    | Secreted frizzled-related protein 1 | SFRP1 |
| Q985Y6    | Septin-1 | SEP1N1 |
| Q9943T2   | Semaphorin-6C | SEMA6C |
| Q99719    | Septin-5 | SEPTIN5 |
| Q14141    | Septin-6 | SEPTIN6 |
| Accession | Description                                      | Gene   |
|-----------|--------------------------------------------------|--------|
| Q15437    | Protein transport protein Sec23B                 | SEC23B |
| P0C263    | Serine/threonine-protein kinase SBK2             | SBK2   |
| Q9BH6F6   | Senrin-specific protease 7                       | SENP7  |
| Q954A5    | Protein transport protein Sec24B                 | SEC24B |
| P57772    | Selenocysteine-specific elongation factor         | EEFSEC |
| Q651C9    | Secretory carrier-associated membrane protein 5  | SCAMP5 |
| Q9BY59    | Stabilizer of axonemal microtubules 2            | SAXO2  |
| Q86958    | Sodium channel protein type 10 subunit alpha     | SCN10A |
| Q86958    | Sodium-coupled monocarboxylate transporter 1     | SLC5A8 |
| P48067    | Sodium- and chloride-dependent glycine transporter 1 | SLC6A9 |
| Q01959    | Sodium-dependent dopamine transporter             | SLC6A3 |
| Q86958    | SCAN domain-containing protein 3                 | ZBED9  |
| P66208    | S-phase kinase-associated protein 1              | SKP1   |
| Q81675    | Serpin A12                                       | SERPINA12 |
| Q13309    | S-phase kinase-associated protein 2              | SKP2   |
| Q969G3    | SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily E member 1 | SMARCE1 |
| Q9Y859    | FACT complex subunit SPT16                       | SPT16H |
| Q9H648    | SPARC-related modular calcium-binding protein 1  | SMOC1  |
| Q9H210    | Olfactory receptor 2D2                           | OR2D2  |
| Q9U6Z2    | NSFL1 cofactor p47                               | NSFL1C |
| P51003    | Poly                                             | PAIPOLA |
| Q9H714    | Protein associated with UVRAG as autophagy enhancer | RUBCNL |
| Q5UK9     | P antigen family member 3                        | PAGE3  |
| O43924    | Retinal rod rhodopsin-sensitive cGMP 3',5'-cyclic phosphodiesterase subunit delta | PDE6D |
| Q9H074    | Polyadenylate-binding protein-interacting protein 1 | PAIP1 |
| O75914    | Serine/threonine-protein kinase PAK 3            | PAK3   |
| Q00623    | Peroxisome assembly protein 12                   | PEX12  |
| C9J40     | Protein PAT1 homolog 2                           | PATL2  |
| Q9NST1    | 1-acylglycerol-3-phosphate O-acetyltransferase PNPLA3 | PNPLA3 |
| P0C24     | Paraneoplastic antigen-like protein 6A           | PNMA6A |
| Q86966    | Protein phosphatase 1 regulatory subunit 3B      | PPP1R3B |
| Q9BH6F6   | Partner of Y14 and mago                          | PYM1   |
| O76021    | Ribosomal L1 domain-containing protein 1         | RSL1D1 |
| P46777    | 60S ribosomal protein L1                         | RPL5   |
| Q60930    | Ribonuclease H1                                  | RNASEH1 |
| A6N1Z1    | Ras-related protein Rap-1b-like protein          |        |
| Q628G1    | E3 ubiquitin-protein ligase                      | RNF165 |
| Q15287    | RNA-binding protein with serine-rich domain 1    | RNPS1  |
| Q9Y859    | RING finger protein 215                          | RNF215 |
| Q99699    | Ribosome-releasing factor 2, mitochondrial        | GFM2   |
| P15880    | 40S ribosomal protein S2                         | RPS2   |
| Accession | Description                                      | Name    |
|-----------|--------------------------------------------------|---------|
| Q5VU36    | Spermatogenesis-associated protein 31A5          | SPATA31A5|
| Q8IZD6    | Solute carrier family 22 member 15               | SLC22A15|
| Q9BZJ4    | Solute carrier family 25 member 39               | SLC25A39|
| Q92665    | 28S ribosomal protein S31, mitochondrial         | MRPS31  |
| Q9HBV2    | Sperm acrosome membrane-associated protein 1     | SPACA1  |
| Q6PSW5    | Zinc transporter ZIP4                            | SLC39A4 |
| Q99808    | Equilibrative nucleoside transporter 1           | SLC29A1 |
| Q15043    | Metal cation symporter ZIP14                     | SLC39A14|
| P31949    | Protein S100-A11                                 | S100A11 |
| Q9UBE0    | SUMO-activating enzyme subunit 1                 | SAE1    |
| O43765    | Small glutamine-rich tetra-tricopeptide repeat-containing protein alpha | SGTA |
| Q9C0C4    | Semaphorin-4C                                    | SEMA4C  |
| Q9HCN8    | Stromal cell-derived factor 2-like protein 1     | SDF2L1  |
| P55822    | SH3 domain-binding glutamic acid-rich protein    | SH3BGR  |
| A4FU49    | SH3 domain-containing protein                     | SH3D21  |
| Q75368    | SH3 domain-binding glutamic acid-rich-like protein | SH3BGL |
| Q8IZQ5    | Selenoprotein H                                  | SELENOH |
| Q726X0    | E3 ubiquitin-protein ligase                      | UBE2F1  |
| P55735    | Protein SEC13 homolog                           | SEC13   |
| Q12872    | Splicing factor, suppressor of white-apricot homolog | SFISP1 |
| Q99250    | Sodium channel protein type 2 subunit alpha      | SCN2A   |
| Q9NP50    | Sin3-HDAC complex-associated factor              | SINHCAF |
| P23246    | Splicing factor, proline- and glutamine-rich     | SFPSQ   |
| Q9H7N4    | Splicing factor, arginine/serine-rich 19         | SCAF1   |
| Q9H1H9    | Kinesin-like protein KIF13A                      | KIF13A  |
| Q00142    | Thymidine kinase 2, mitochondrial                | TK2     |
| Q9HA64    | Ketzosamine-3-kinase                            | FN3KRP  |
| B2CW77    | Kilin                                            | KLLN    |
| O60341    | Lysine-specific histone demethylase 1A           | KDM1A   |
| Q3MIV0    | Keratin-associated protein 22-1                  | KRTAP22-1|
| O60938    | Keratocan                                        | KERA    |
| Q86W10    | LHFPL tetraspan subfamily member 1 protein      | LHFPL1  |
| P05771    | Protein kinase C beta type                       | PRKCB   |
| C9JBD0    | KRAB domain-containing protein 1                 | KRBOX1  |
| Q96MC5    | bMERB domain-containing protein 1                | BMERB1  |
| Q5EB52    | Mesoderm-specific transcript homolog protein     | MEST    |
| P03956    | Interstitial collagenase                         | MMP1    |
| Q2M2H8    | Probable maltase–glucoamylase 2                  | MGAM2   |
| O60487    | Myelin protein zero-like protein 2               | MPZL2   |
| Q96HJ5    | Membrane-spanning 4-domains subfamily A member 3 | MS4A3   |
| Q99572    | P2X purinoceptor 7                               | P2RX7   |
| Q14872    | Metal regulatory transcription factor 1          | MTF1    |
| Q15390    | Mitochondrial fission regulator 1                | MTFR1   |
| O15146    | Muscle, skeletal receptor tyrosine-protein kinase | MUSK    |
| P11055 | Myosin-3 | MYH3 |
| Q38BV2 | Putative neuroblastoma breakpoint family member 8 | NBPF8 |
| Q98XD5 | N-acetylneuraminic lyase | NPL |
| Q13823 | Nucleolar GTP-binding protein 2 | GNL2 |
| Q92979 | Ribosomal RNA small subunit methyltransferase NEP1 | EMG1 |
| Q9HBJ0 | Placenta-specific protein 1 | PLAC1 |
| Q86UJ8 | 5'-nucleotidase domain-containing protein 1 | NT5DC3 |
| Q5TFE4 | 5'-nucleotidase domain-containing protein 1 | NT5DC1 |
| Q60356 | Nuclear protein 1 | NUPR1 |
| Q8NH09 | Olfactory receptor BS1 | OR8S1 |
| P68173 | Olfactory receptor 2B6 | OR2B6 |
| Q8NGT9 | Olfactory receptor 2A1/2A42 | OR2A1 |
| Q969Y0 | NXPE family member 3 | NXPE3 |
| Q8NG76 | Olfactory receptor 2T33 | OR2T33 |
| Q9P242 | Neuronal cyclin-dependent kinase 3 | NYAP2 |
| Q95013 | Olfactory receptor 4F21 | OR4F21 |
| Q13093 | Platelet-activating factor acetylhydrolase | PLA2G7 |
| Q99487 | Platelet-activating factor acetylhydrolase 2, cytoplasmic | PFAAH2 |
| Q8WXX3 | Palladin | PALLD |
| Q9H999 | Pantathenate kinase 3 | PANK3 |
| P35913 | Rod cGMP-specific 3',5'-cyclic phosphodiesterase subunit beta | PDE6B |
| P55085 | Proteinase-activated receptor 2 | F2RL1 |
| P05165 | Proprotein-coA carboxylase alpha chain, mitochondrial | PCCA |
| Q9H0J9 | Protein mono-ADP-ribose transferase PARP12 | PARP12 |
| P57721 | Poly | PCBP3 |
| Q9NK7 | Protocadherin alpha-6 | PCDHA6 |
| Q9NK7 | Group IIIE secretory phospholipase A2 | PLA2G2E |
| Q72X4 | PTB-containing, cubulin and LRP1-interacting protein | PID1 |
| P75167 | Phosphatase and actin regulator 2 | PHACTR2 |
| Q86XN7 | Proline and serine-rich protein 1 | PROSER1 |
| Q9NRX4 | 14 kDa phosphohistidine phosphatase | PHPT1 |
| P14222 | Perforin-1 | PRF1 |
| Q6UW2 | Prostate androgen-regulated mucin-like protein 1 | PARM1 |
| P20265 | POU domain, class 3, transcription factor 2 | POU3F2 |
| P45877 | Peptidyl-prolyl cis-trans isomerase C | PPIC |
| Q8IV08 | 5'-3' exonuclease PLD3 | PLD3 |
| P48147 | Prolyl endopeptidase | PREP |
| Q960W4 | DNA-directed primase/polymerase protein | PRIMPOL |
| Q86XN7 | Proline and serine-rich protein 1 | PROSER1 |
| Q12913 | Receptor-type tyrosine-protein phosphatase eta | PTPRJ |
| P22102 | Trifunctional purine biosynthetic protein adenosine-3 | GART |
| Q969U7 | Proteasome assembly chaperone 2 | PSMG2 |
| Q8Y67 | Ribonucleoprotein PTB-binding 1 | RAVR1 |
| Accession | Gene Name                      | Protein Name                                |
|-----------|--------------------------------|---------------------------------------------|
| Q5RL73    | RNA-binding protein 48        | RBM48                                       |
| Q9Y5800   | RNA-binding protein 7         | RBM7                                        |
| P28608    | Rhombotin-1                   | LMO1                                        |
| P10276    | Retinoic acid receptor alpha  | RARA                                        |
| P46083    | ATP-dependent DNA helicase Q1 | RECNQ1                                      |
| A6NED2    | RCC1 domain-containing protein 1 | RCCCD1                                      |
| Q9HOU4    | Ras-related protein Rab-1B    | RAB1B                                       |
| Q96BD5    | PHD finger protein 21A        | PHF21A                                      |
| Q62S72    | Protein PEAK3                 | PEAK3                                       |
| Q60664    | Perilipin-3                   | PLIN3                                       |
| Q15165    | Serum paraoxonase/arylesterase 2 | PON2                                      |
| P27169    | Serum paraoxonase/arylesterase 1 | PON1                                      |
| P07738    | Bisphosphoglycerate mutase    | BPGM                                        |
| Q62RT6    | Proline-rich protein 23B      | PRR23B                                      |
| P28227    | Receptor-type tyrosine-protein phosphatase mu | PTPRM                                      |
| P54829    | Tyrosine-protein phosphatase non-receptor type 5 | PTPN5                                      |
| P43378    | Tyrosine-protein phosphatase non-receptor type 9 | PTPN9                                      |
| P11498    | Pyruvate carboxylase, mitochondrial | PC                                      |
| O15315    | DNA repair protein RAD51 homolog 2 | RAD51B                                      |
| Q9HD33    | 39S ribosomal protein L47, mitochondrial | MRPL47                                      |
| Q96GC5    | 39S ribosomal protein L48, mitochondrial | MRPL48                                      |
| Q96C74    | Ropporin-1-like protein       | ROPN1L                                      |
| Q95602    | DNA-directed RNA polymerase I subunit RPA1 | POLR1A                                      |
| Q8ND24    | RING finger protein 214       | RNF214                                      |
| Q9KKT7    | Solute carrier family 35 member G5 | SLC35G5                                    |
| Q8N5S1    | Mitochondrial carrier protein SCaMC-3-L | SLC25A41                                    |
| P78383    | Solute carrier family 35 member B1 | SLC35B1                                    |
| A6NXX4    | Putative solute carrier family 22 member 31 | SLC22A31                                    |
| P23526    | Adenosylhomocysteinase        | AHCY                                        |
| Q96916    | Sodium-coupled neutral amino acid transporter 4 | SLC38A4                                    |
| Q96QD8    | Sodium-coupled neutral amino acid transporter 2 | SLC38A2                                    |
| Q9BSX9    | Solute carrier family 26 member 6 | SLC26A6                                    |
| Q99624    | Sodium--coupled neutral amino acid transporter 3 | SLC38A3                                    |
| Q9HBR0    | Putative sodium-coupled neutral amino acid transporter 10 | SLC38A10                                   |
| Q9BSG5    | Retbindin                     | RTBDN                                       |
| 000337    | Sodium/nucleoside cotransporter 1 | SLC28A1                                    |
| W5XKT8    | Sperm acrosome membrane-associated protein 6 | SPACA6                                    |
| P33763    | Protein S100-A5               | S100A5                                      |
| Q8N1S5    | Zinc transporter ZIP11        | SLC39A11                                    |
| Q6UXD7    | Solute carrier family 49 member A3 | SLC49A3                                    |
| Q9UP95    | Solute carrier family 12 member 4 | SLC12A4                                    |
| A6ZK3     | Retrotransposon Gag-like protein 8C | RTL8C                                      |
| Q9Y6M7    | Sodium bicarbonate cotransporter 3 | SLC4A7                                     |
| Q9Y6R1    | Electrogenic sodium bicarbonate cotransporter 1 | SLC4A4                                     |
| Q9Y285    | Phenylalanine--tRNA ligase alpha subunit | FARSA                                     |
| Accession | Protein Name                                      | Description                                      |
|-----------|--------------------------------------------------|--------------------------------------------------|
| Q9Y399    | 28S ribosomal protein S2, mitochondrial          | MRPS2                                            |
| A691M6    | Solute carrier family 15 member 5               | SLC15A5                                          |
| Q8N2ZU9   | Solute carrier family 66 member 2               | SLC66A2                                          |
| Q2MKA7    | R-spondin-1                                     | RSPO1                                            |
| P48059    | Solute carrier family 15 member 1               | SLC15A1                                          |
| Q5SY68    | Protein S100-A7-like 2                          | S100A7L2                                         |
| P61619    | Protein transport protein Sec61 subunit alpha isoform 1 | SEC61A1 |
| Q9H1X1    | Radial spoke head protein 9 homolog             | RSPH9                                            |
| P48065    | Sodium- and chloride-dependent betaine transporter | SLC6A12                                         |
| Q8TB86    | Probable cationic amino acid transporter        | SLC7A14                                          |
| Q695T7    | Sodium-dependent neutral amino acid transporter B | SLC6A19                                         |
| P82675    | 28S ribosomal protein S5, mitochondrial         | MRPS5                                            |
| Q9NP91    | Sodium- and chloride-dependent transporter XTRP3 | SLC6A20                                          |
| P63162    | Small nuclear ribonucleoprotein-associated protein N | SNRPN                                            |
| P59025    | Receptor-transporting protein 1                 | RTP1                                             |
| P82664    | 28S ribosomal protein S10, mitochondrial        | MRPS10                                           |
| Q7Z5N4    | Protein sidekick-1                              | SDK1                                             |
| P83859    | Orexigenic neuropeptide QRFP                    | QRFP                                             |
| Q9NQN1    | Olfactory receptor 252                          | OR2S2                                            |
| Q9H7Z3    | Nuclear exosome regulator NRDE2                 | NRDE2                                            |
| Q9Y5F7    | Protocadherin gamma-C4                          | PCDHGC4                                          |
| Q9Y544    | Protocadherin alpha-C2                          | PCDHAC2                                          |
| Q8NGA5    | Olfactory receptor 10H4                         | OR10H4                                           |
| O60658    | High affinity cAMP-specific and IBMX-insensitive 3',5'-cyclic phosphodiesterase 8A | PDE8A |
| Q9HCL0    | Protocadherin-18                                | PCDH18                                           |
| P12004    | Proliferating cell nuclear antigen              | PCNA                                             |
| Q8WW12    | PEST proteolytic signal-containing nuclear protein | PCNP                                          |
| B3GL2     | Prostate and testis expressed protein 3         | PATE3                                            |
| Q86WH2    | Ras association domain-containing protein 3     | RASSF3                                           |
| Q9NS23    | Ras association domain-containing protein 1     | RASSF1                                           |
| Q8TD07    | Retinoic acid early transcript 1E               | RAET1E                                           |
| P62826    | GTP-binding nuclear protein Ran                 | RAN                                              |
| P48380    | Transcription factor RX3                       | RFX3                                              |
| Q9P2R6    | Arginine-glutamic acid dipeptide repeats protein | RERE                                             |
| Q6ZV50    | DNA-binding protein RFX8                        | RFX8                                             |
| Q96D71    | RaIBP1-associated Eps domain-containing protein 1 | EPS1                                             |
| Q9VB54    | Serine/threonine-protein kinase RIO2            | RIOK2                                            |
| P30050    | 60S ribosomal protein L12                       | RPL12                                            |
| Q03395    | Rod outer segment membrane protein 1            | ROM1                                             |
| Q96E14    | RecQ-mediated genome instability protein 2      | RMI2                                             |
| Q7S116    | Rho-associated protein kinase 2                 | ROCK2                                            |
| Q76064    | E3 ubiquitin-protein ligase RNF8                 | RNF8                                             |
| Q5TB11    | Ribonuclease H2 subunit B                       | RNASEH2B                                         |
| P04844    | Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 2 | RPN2 |
| Uniprot ID | Protein Name                                      |
|-----------|--------------------------------------------------|
| O43159    | Ribosomal RNA-processing protein 8               |
| P10301    | Ras-related protein R-Ras                       |
| P62241    | 40S ribosomal protein S8                         |
| Q9B8P5    | Ras-like protein family member 11B               |
| Q8WUG5    | Solute carrier family 22 member 17               |
| Q9NTN3    | UDP-glucuronic acid/UDP-N-acetylgalactosamine transporter |
| Q495N2    | Proton-coupled amino acid transporter 3          |
| Q9NP92    | 39S ribosomal protein S30, mitochondrial         |
| Q8NG04    | Solute carrier family 26 member 10              |
| Q8IZ73    | RNA pseudouridylate synthase domain-containing protein 2 |
| Q5SQ6     | Suppressor APC domain-containing protein 1       |
| P60896    | 26S proteasome complex subunit SEM1             |
| Q9Y371    | Endophilin-B1                                    |
| Q2NKQ1    | Small G protein signaling modulator 1            |
| P17482    | Homeobox protein Hox-B9                         |
| A0A0B4J1Y9| Immunoglobulin heavy variable 3-72              |
| Q9NWY4    | Histone PARylation factor 1                     |
| P0C69     | Humanin-like 2                                  |
| P40305    | Interferon alpha-inducible protein 27, mitochondrial |
| P01579    | Interferon gamma                                 |
| Q9NPH3    | Interleukin-1 receptor accessory protein         |
| Q8N9C0    | Immunoglobulin superfamily member 22            |
| Q8NF77    | Interleukin-17 receptor D                        |
| Q9NS5     | Immunoglobulin superfamily member 5             |
| Q95760    | Interleukin-33                                   |
| Q96BM0    | Interferon alpha-inducible protein 27-like protein 1 |
| Q5T953    | Immediate early response gene 5-like protein     |
| P98153    | Integral membrane protein DGCR2/IDD             |
| Q5TF58    | Intermediate filament family orphan 2           |
| Q96R7Y    | Intraflagellar transport protein 140 homolog    |
| P50221    | Homeobox protein MOX-1                          |
| P30301    | Lens fiber major intrinsic protein               |
| P50222    | Homeobox protein MOX-2                          |
| Q18619    | Meprin A subunit alpha                           |
| Q9HAP2    | MLX-interacting protein                          |
| Q18620    | Meprin A subunit beta                            |
| Q9IH92    | Max-like protein X                              |
| Q8IX21    | Mitochondrial Rho GTPase 1                      |
| Q8IX10    | Mitochondrial Rho GTPase 2                      |
| Q9H081    | Protein MIS12 homolog                           |
| Q9ULR0    | Pre-mRNA-splicing factor ISY1 homolog            |
| Q75578    | Integrin alpha-10                               |
| Q96DU7    | Inositol-trisphosphate 3-kinase C                |
| Q8IV33    | Uncharacterized protein KIAA0825                |
| Q5TA45    | Integrator complex subunit 11                   |
| Q96L93    | Kinesin-like protein Kif16B                      |
| Accession | Protein Name                                      | Description                          | Accession | Protein Name                                      | Description                          |
|-----------|--------------------------------------------------|--------------------------------------|-----------|--------------------------------------------------|--------------------------------------|
| P43630    | Killer cell immunoglobulin-like receptor 3DL2    | KIR3DL2                              | P0DP09    | Immunoglobulin kappa variable 1-13               | IGKV1-13                            |
| P42166    | Lamina-associated polypeptide 2, isoform alpha    | TMPO                                 | P11279    | Lysosome-associated membrane glycoprotein 1      | LAMP1                               |
| Q53QV2    | Protein LBH                                      | LBH                                  | Q96DH6    | RNA-binding protein Musashi homolog 2            | MSI2                                |
| Q98UB5    | MAP kinase-interacting serine/threonine-protein kinase 1 | MKNK1            | Q43934    | UNC93-like protein MFSD11                        | MFSD11                              |
| Q96EX9    | ATPase MORC2                                     | MORC2                                | Q02144    | Myoglobin                                         | MB                                  |
| Q96955    | Unconventional myosin-XIX                        | MYO19                                | P02144    | NACHT, LRR and PYD domains-containing protein 6  | NLRP6                               |
| Q42898    | Methylenetetrahydrofolate reductase              | MTHFR                                | Q99294    | Neuroligin-3                                      | NLGN3                               |
| Q8VL0     | Neuron navigator 3                                | NAV3                                 | Q12986    | Transcriptional repressor NF-X1                  | NFX1                                |
| Q96EX9    | Neuroumedin-6 receptor                            | NMBR                                 | P26336    | Neuroumedin-6 receptor                            | NMBR                                |
| Q96U52    | Putative nucleosome assembly protein 1-like 6     | NAP1L6P                              | Q5FYW2    | NHS-like protein 2                                | NHSL2                               |
| Q96TA1    | Protein Niban 2                                   | NIBAN2                               | Q14112    | Nidogen-2                                         | NID2                                |
| Q13253    | Noggin                                           | NOG                                  | Q14934    | Nuclear factor of activated T-cells, cytoplasmic 4 | NFATC4                             |
| Q96955    | Unconventional myosin-XIX                        | MYO19                                | P56556    | NADH dehydrogenase complex subunit 2             | NDUFA6                              |
| Q96606    | Neural retina-specific leucine zipper protein     | NRL                                  | P54845    | Neural retina-specific leucine zipper protein     | NRL                                 |
| Q914786   | Neuroplin-1                                      | NRP1                                 | Q96606    | Pro-neuregulin-4, membrane-bound isofrom         | NRG4                                |
| Q86WWG1   | Sphingomyelin phosphodiesterase 3                 | SMPD3                                | Q99695    | N-terminal Xaa-Pro-Lys N-methyltransferase 1      | NTMT1                               |
| Q99695    | Killer cell lectin-like receptor subfamily G member 1 | KLRG1              | Q571B     | Kinesin-like protein KIF24                        | KIF24                               |
| Q99695    | Keratin-associated protein 11-1                  | KRTAP11-1                            | Q8IU1C    | Keratin-associated protein 11-1                  | KRTAP11-1                           |
| Q99695    | Keratin light chain 2                            | KLC2                                 | Q96955    | Keratin-associated protein 10-6                  | KRTAP10-6                           |
| Q43526    | Potassium voltage-gated channel subfamily KQT member 2 | KCNQ2              | Q9NS87    | Kinesin-like protein KIF15                        | KIF15                               |
| Q96955    | Potassium voltage-gated channel subfamily A member 3 | KCNA3                      | P31323    | cAMP-dependent protein kinase type II-beta regulatory subunit | PRKAR2B |
| Q9NP17    | Lysine-rich coiled-coil protein 1                 | KRCC1                                | P22901    | Potassium voltage-gated channel subfamily A member 3 | KCNA3                              |
| Q96955    | Kelch repeat and BTB domain-containing protein 4  | KBTBD4                               | Q96955    | cAMP-dependent protein kinase type II-beta regulatory subunit | PRKAR2B |
| P44430    | Immunoglobulin kappa variable 1-16               | IGKV1-16                             |
| Accession | Description                                                        | Ensembl ID |
|-----------|-------------------------------------------------------------------|------------|
| Q9H9P8    | L-2-hydroxyglutarate dehydrogenase, mitochondrial                 | L2HGDH     |
| Q96MP8    | BTB/POZ domain-containing protein KCTD7                           | KCTD7      |
| A2NJV5    | Immunoglobulin kappa variable 2-29                                | IGKV2-29   |
| Q9H825    | mRNA N                                                            | METTL8     |
| Q8TDZ2    |                                                                  |            |
| Q8NH53    | Major facilitator superfamily domain-containing protein 8         | MFSD8      |
| Q96EN8    | Molybdenum cofactor sulfurase                                     | MOCOS      |
| O15442    | Metallophosphoesterase domain-containing protein 1                | MPPED1     |
| P26038    | Moesin                                                            |            |
| Q5T3U5    | ATP-binding cassette sub-family C member 10                        | ABCC10     |
| Q8WXB1    | Protein N-lysin methyltransferase METTL21A                         | METTL21A   |
| Q8N9H8    | Exonuclease mut-7 homolog                                         | EXD3       |
| Q8N6N6    | Protein NATD1                                                     | NATD1      |
| Q9UHF3    | Putative N-acetyltransferase 8B                                   | NAT8B      |
| P49321    | Nuclear autoantigenic sperm protein                               | NASP       |
| Q9UKN7    | Unconventional myosin-XV                                          | MYO15A     |
| Q6P1F6    | Unconventional myosin-VIIb                                        | MYO7B      |
| P49821    | NADH dehydrogenase                                                | NDUFA1     |
| Q8NI08    | Nuclear receptor coactivator 7                                     | NCOA7      |
| P61583    | Endogenous retrovirus group K member 5 Np9 protein                | ERVK-5     |
| P78316    | Nucleolar protein 14                                               | NOP14      |
| Q9UM47    | Neurogenic locus notch homolog protein 3                          | NOTCH3     |
| P46087    | Probable 28S rRNA                                                  | NOP2       |
| Q92570    | Nuclear receptor subfamily 4 group A member 3                      | NR4A3      |
| Q9HC29    | Nucleotide-binding oligomerization domain-containing protein 2    | NOD2       |
| Q9GZQ6    | Neuropeptide FF receptor 1                                         | NPFFR1     |
| P56730    | Neurotrypsin                                                      | PRSS12     |
| Q16236    | Nuclear factor erythroid 2-related factor 2                        | NFE2L2     |
| Q969S2    | Endonuclease 8-like 2                                              | NEIL2      |
| Q6VVB1    | E3 ubiquitin-protein ligase NHLRC1                                | NHLRC1     |
| Q16795    | NADH dehydrogenase                                                | NDUFA9     |
| Q8NGD5    | Olfactory receptor 4K14                                           | OR4K14     |
| P0C626    | Olfactory receptor 5G3                                            | OR5G3      |
| Q9GZK3    | Olfactory receptor 2B2                                            | OR2B2      |
| P41145    | Kappa-type opioid receptor                                         | OPRK1      |
| Q96R67    | Olfactory receptor 4C12                                           | OR4C12     |
| Q8NGG4    | Olfactory receptor 8H1                                            | OR8H1      |
| Q96CB9    | 5-methylcytosine rRNA methyltransferase NSUN4                     | NSUN4      |
| O60890    | Oligophrenin-1                                                    | OPN1       |
| P03999    | Short-wave-sensitive opsin 1                                      | OPN1SW     |
| Q6UWF7    | NXPE family member 4                                              | NXPE4      |
| Q96DL1    | NXPE family member 2                                              | NXPE2      |
| Q8NH05    | Olfactory receptor 4Q3                                            | OR4Q3      |
| Q8IXS6    | Paralemmin-2                                                      | PALM2      |
| Q9P1W9    | Serine/threonine-protein kinase pim-2                              | PIM2       |
| Q8WV24    | Pleckstrin homology-like domain family A member 1                  | PHLDA1     |
| Q68D20    | Protein PMS2CL                                                    | PMS2CL     |
| Q8TBJ4    | Phospholipid phosphatase-related protein type 1                    | PLPPR1     |
| Accession | Description                                                                 |
|-----------|-----------------------------------------------------------------------------|
| Q8WZA1    | Protein O-linked-mannose beta-1,2-N-acetylglucosaminyltransferase 1         |
| Q7Z6K3    | Protein prenyltransferase alpha subunit repeat-containing protein 1          |
| Q9UNM6    | 26S proteasome non-ATPase regulatory subunit 13                             |
| Q92613    | Protein Jade-3                                                              |
| Q9NQ38    | Serine protease inhibitor Kazal-type 5                                      |
| Q86UX2    | Inter-alpha-trypsin inhibitor heavy chain H5                                |
| Q5JY7T    | Uncharacterized protein KIAA1755                                            |
| Q9Y624    | Junctional adhesion molecule A F11R                                          |
| O00410    | Importin-5                                                                  |
| Q14896    | Interferon regulatory factor 6 IRF6                                          |
| Q9UNL4    | Inhibitor of growth protein 4 ING4                                           |
| Q94953    | Lysine-specific demethylase 4B KDM4B                                         |
| Q96Q89    | Kinesin-like protein KIF20B KIF20B                                          |
| Q3L67     | Keratin-specific demethylase 4B KDM4B                                        |
| A0A0C4DH26| Probable non-functional immunoglobulin kappa variable 6D-41                 |
| Q96ES6    | Major facilitator superfamily domain-containing protein 3 MFS3              |
| Q9U43     | rRNA methyltransferase 2 mitochondriial MRM2                                 |
| Q7Z745    | Maestro heat-like repeat-containing protein family member 2B MROH2B         |
| Q8NEH6    | Meiosis-specific nuclear structural protein 1 MNS1                          |
| Q9H579    | Protein MROH8 MROH8                                                         |
| Q96OG7    | Myotubularin-related protein 9 MTMR9                                        |
| Q9UH33    | Prenylcysteine oxidase 1 PCYX1                                              |
| Q13562    | Neurogenic differentiation factor NEUROD1                                    |
| Q9NPC7    | Myoneurin MYNN                                                               |
| Q9Y6X6    | Unconventional myosin-XVI MYO16                                             |
| Q13232    | Nucleoside diphosphate kinase 3 NME3                                        |
| Q9NP98    | Myozin-1 MYOZ1                                                              |
| ATEY1     | Myosin-7B MYH7B                                                             |
| Q6P3W6    | Neuroblastoma breakpoint family member 10 NBPF10                            |
| Q02045    | Myosin light chain 5 MYL5                                                   |
| O14931    | Natural cytotoxicity triggering receptor 3 NCR3                             |
| Q9NCW5    | NAD NAXE                                                                   |
| Q7RTP0    | Magnesium transporter NIPA1 NIPA1                                           |
| Q9Y618    | Nuclear receptor corepressor 2 NCOR2                                         |
| P51513    | RNA-binding protein Nova-1 NOVA1                                             |
| P35228    | Nitric oxide synthase, inducible NOS2                                       |
| Q9NPE2    | Neugrin GNR                    NCR3                                             |
| Q14957    | Glutamate receptor ionotropic, NMDA 2C GRIN2C                               |
| Q9H6R4    | Nucleolar protein 6 NOL6                                                   |
| Q12980    | GATOR complex protein NPRL3 NPRL3                                           |
| Q75380    | NADH dehydrogenase NDUFS6                                                   |
| Q98SC4    | Nucleolar protein 10 NOL10                                                  |
| Q8N9A8    | Nuclear envelope phosphatase-regulatory subunit 1 CNEP1R1                   |
| Q75469    | Nuclear receptor subfamily 1 group 1 member 2 NR1I2                         |
| Q92617    | Nuclear pore complex-interacting protein family member B3 NPIPB3            |
| Q6UX49    | Nephronecin WPNT                                                            |
| P52848    | Bifunctional heparan sulfate N-deacetylase/N-sulfotransferase 1 NDST1       |
| Q7Z417    | Nuclear fragile X mental retardation-interacting protein 2 NUFIP2           |
| Accession | Description | Accession | Description |
|-----------|-------------|-----------|-------------|
| Q8IVF1    | NUT family member 2A | P35558    | Phosphoenolpyruvate carboxykinase, cytosolic |
| Q8NHF3    | Nucleoporin Nup43 | Q96AC6    | Kinesin-like protein KIFC2 |
| Q8WUM0    | Nuclear pore complex protein Nup133 | Q15615    | Olfactory receptor 4D1 |
| Q15615    | Olfactory receptor 4D1 | POC7N1    | Olfactory receptor 8U8 |
| P35558    | Phosphoenolpyruvate carboxykinase, cytosolic | PCK1      | PCK1 |
| Q8YN2B    | Phospholipid phosphatase 6 | P22103    | Pneumadin |
| Q14651    | Plastin-1 | Q96CS7    | Pleckstrin homology domain-containing family B member 2 |
| P11686    | Pulmonary surfactant-associated protein C | Q35YG4    | Protein PTHB1 |
| Q35YG4    | Protein PTHB1 | P46940    | Ras GTPase-activating-like protein IQGAP1 |
| Q1070X    | Putative protein KRP1 | Q96AC6    | Kinesin-like protein KIFC2 |
| Q96AC6    | Kinesin-like protein KIFC2 | Q02241    | Kinesin-like protein KIF23 |
| Q02241    | Kinesin-like protein KIF23 | Q86W47    | Calcium-activated potassium channel subunit beta-4 |
| Q7Z3B3    | KAT8 regulatory NSL complex subunit 1 | Q9V857    | 1,2-dihydroxy-3-keto-5-methylthiopentene dioxygenase |
| Q9V857    | 1,2-dihydroxy-3-keto-5-methylthiopentene dioxygenase | Q05655    | Protein kinase C delta type |
| Q3ZCV2    | Lymphocyte expansion molecule | Q8NGN0    | Olfactory receptor 4D5 |
| Q8NGN0    | Olfactory receptor 4D5 | Q5VVY1    | Alpha N-terminal protein methyltransferase 1B |
| Q5VVY1    | Alpha N-terminal protein methyltransferase 1B | Q8YN2B    | Phospholipid phosphatase 6 |
| Q8YN2B    | Phospholipid phosphatase 6 | P22997    | Macrophage mannose receptor 1 |
| P22997    | Macrophage mannose receptor 1 | Q96AM1    | Mas-related G-protein coupled receptor member F |
| Q96AM1    | Mas-related G-protein coupled receptor member F | Q7L9L4    | MO9 kinase activator 1B |
| Q7L9L4    | MO9 kinase activator 1B | Q8NCU8    | Mitoregulin |
| Q8NCU8    | Mitoregulin | P48039    | Melatonin receptor type 1A |
| P48039    | Melatonin receptor type 1A | P57103    | Sodium/calcium exchanger 3 |
| P57103    | Sodium/calcium exchanger 3 | P60323    | Nanos homolog 3 |
| P60323    | Nanos homolog 3 | Q8WZ94    | Olfactory receptor 5P3 |
| Q8WZ94    | Olfactory receptor 5P3 | Q8GRN2    | Olfactory receptor 1L6 |
| Q8GRN2    | Olfactory receptor 1L6 | Q15738    | Sterol-4-alpha-carboxylate 3-dehydrogenase, decarboxylating |
| Q15738    | Sterol-4-alpha-carboxylate 3-dehydrogenase, decarboxylating | Q8NGN0    | Olfactory receptor 4D5 |
| Q8NGN0    | Olfactory receptor 4D5 | Q8NH21    | Olfactory receptor 4F5 |
| Q8NH21    | Olfactory receptor 4F5 | Q9PIQ5    | Olfactory receptor 1A1 |
| Q9PIQ5    | Olfactory receptor 1A1 | Q9H4D5    | Nuclear RNA export factor 3 |
| Q9H4D5    | Nuclear RNA export factor 3 | Q8NGN5    | Olfactory receptor 5I11 |
| Q8NGN5    | Olfactory receptor 5I11 | Q6NXP6    | NADP-dependent oxidoreductase domain-containing protein 1 |
| Q6NXP6    | NADP-dependent oxidoreductase domain-containing protein 1 |
| Accession | Description                                                                 |
|-----------|-----------------------------------------------------------------------------|
| A6NHG9    | Olfactory receptor 5H14                                                    |
| Q8NGE0    | Olfactory receptor 10AD1                                                   |
| Q9Y4A9    | Olfactory receptor 10H1                                                    |
| Q8NGK6    | Olfactory receptor 521                                                     |
| Q8NH4C    | Olfactory receptor 14A16                                                   |
| Q9UP65    | Cytosolic phospholipase A2 gamma                                            |
| Q9Y619    | Mitochondrial ornithine transporter 1                                      |
| Q9Y5F8    | Protocadherin gamma-B7                                                     |
| Q9UNF0    | Protein kinase C and casein kinase substrate in neurons protein 2          |
| Q86YL7    | Podoplanin                                                                 |
| Q8WWX3    | Progesterone-induced-blocking factor 1                                      |
| Q86YP3    | Progesterone-induced-blocking factor alpha                                  |
| Q13254    | Prostaglandin D2 receptor                                                  |
| O15530    | 3-phosphoinositide-dependent protein kinase 1                              |
| Q9UL41    | Paraneoplastic antigen Ma3                                                |
| O00592    | Podocalyxin                                                               |
| P63133    | Endogenous retrovirus group K member 8 Pol protein                          |
| Q96M27    | Protein PRRC1                                                            |
| Q8TC59    | Piwi-like protein 2                                                        |
| P04070    | Vitamin K-dependent protein C                                              |
| P07988    | Pulmonary surfactant-associated protein B                                   |
| P12272    | Parathyroid hormone-related protein                                         |
| Q5J54     | Proteasome assembly chaperone 4                                            |
| Q6GMV3    | Putative peptidyl-tRNA hydrolase                                          |
| Q92729    | Receptor-type tyrosine-protein phosphatase U                              |
| P0C7L1    | Serine protease inhibitor Kazal-type 8                                     |
| P18084    | Integrin beta-5                                                           |
| Q0VF49    | Uncharacterized protein KIAA2012                                           |
| Q14532    | Keratin, type I cuticular Ha2                                              |
| P28290    | Protein ITPRID2                                                          |
| P49441    | Inositol polyphosphate 1-phosphatase                                       |
| O15327    | Inositol polyphosphate 4-phosphatase type II                              |
| Q9BY32    | Inosine triphosphate pyrophosphatase                                       |
| P05111    | Inhibin alpha chain                                                       |
| A1A4Y4    | Immunity-related GTPase family M protein                                    |
| Q96NJ5    | Kelch-like protein 32                                                      |
| Q7Z7F0    | RH homology domain-containing protein 4                                   |
| Q13557    | Calcium/calmodulin-dependent protein kinase type II subunit delta          |
| Q86SY8    | Putative uncharacterized protein KTN1-AS1                                  |
| Q96L42    | Potassium voltage-gated channel subfamily H member 8                       |
| P33176    | Kinesin-1 heavy chain                                                     |
| Q14012    | Calcium/calmodulin-dependent protein kinase type 1                         |
| Q9PPN6    | KAT8 regulatory NSL complex subunit 3                                      |
| A5PL33    | Protein KRBA1                                                            |
| P0085     | UMP-CMP kinase                                                            |

**Note:** The table lists various proteins and their descriptions.
| Accession | Name                                      | Description                                      |
|-----------|-------------------------------------------|--------------------------------------------------|
| Q6ZNG9    | KRAB-A domain-containing protein 2        | KRBA2                                            |
| P0DSN7    | Probable non-functional immunoglobulin k   | IGKV1D-37                                        |
| P01611    | Immunoglobulin kappa variable 1D-12       | IGKV1D-12                                        |
| Q06UYE1   | Leukemia-associated protein 7              | DLEU7                                            |
| Q86YQ2    | Putative BPIFA4P protein                   | BPIFA4P                                          |
| Q66K2     | Galectin-9C                               | LGALS9C                                          |
| Q75610    | Left-right determination factor 1         | LEFTY1                                           |
| Q9BWQ8    | Protein lifeguard 2                       | FAIM2                                            |
| Q95202    | Mitochondrial proton/calcium exchanger     | LETM1                                            |
| Q8IX19    | Mast cell-expressed membrane protein 1     | MCEMP1                                           |
| Q43708    | Maleylacetocetate isomerase               | GSTZ1                                            |
| Q49MG5    | Microtubule-associated protein 9           | MAP9                                             |
| Q13233    | Mitogen-activated protein kinase 1         | MAP3K1                                           |
| Q9BY19    | Membrane-spanning 4-domains subfamily A   | MS4A8                                            |
| P57077    | MAP3K7 C-terminal-like protein            | MAP3K7CL                                         |
| Q9NX47    | E3 ubiquitin-protein ligase               | MARCHF5                                          |
| Q96G8     | Melanoma-associated antigen D4             | MAGED4                                           |
| Q58X5     | Membrane-spanning 4-domains subfamily A   | MS4A13                                           |
| P61244    | Protein max                               | MAX                                              |
| P21145    | Myelin and lymphocyte protein             | MAL                                              |
| A6ND28    | Putative methyl-CpG-binding domain protein 3-like 4 | MBD3L4                     |
| Q8IL2     | Mastermind-like protein 2                 | MAML2                                            |
| Q13495    | Mastermind-like domain-containing protein 1 | MAMLD1                        |
| Q96EY5    | Multivesicular body subunit 12A           | MVB12A                                           |
| Q9H1A3    | Methyltransferase-like protein 9           | METTL9                                           |
| Q96QH8    | Sperm acrosome-associated protein 5        | SPACA5                                           |
| P43355    | Melanoma-associated antigen 1              | MAGEA1                                           |
| P43356    | Melanoma-associated antigen 2              | MAGEA2                                           |
| P20700    | Lamin-B1                                   | LMNB1                                            |
| Q96S90    | LysM and putative peptidoglycan-binding domain-containing protein 1 | LYSMD1                      |
| O15479    | Melanoma-associated antigen B2             | MAGEB2                                           |
| Q92686    | Neurogranin                               | NRGN                                             |
| Q8N912    | Nutritionally-regulated adipose and cardiac enriched protein homolog | NRAC                        |
| O75900    | Matrix metalloproteinase-23               | MMP23B                                           |
| P39900    | Macrophage metalloelastase                | MMP12                                            |
| B2RBV5    | Putative MORF4 family-associated protein 1-like protein UPP | UPP            |
| Q13614    | Myotubulin-related protein 2              | MTMR2                                            |
| Q8N1T3    | Unconventional myosin-Ih                  | MYO1H                                            |
| Q01538    | Myelin transcription factor 1             | MYT1                                             |
| Q8TD19    | Serine/threonine-protein kinase Nek9       | NEK9                                             |
| Q8NB2     | NHL repeat-containing protein 2            | NHLRC2                                           |
| Q96G61    | Diphosphoinositol polyphosphate phosphohydrolase 3-beta | NUDT11                        |
| Q86X67    | NAD                                        | NUDT13                                           |
| Q0GE19    | Sodium/bile acid cotransporter 7          | SLC10A7                                          |
| P53370    | Nucleoside diphosphate-linked moiety X motif 6 | NUDT6                          |
| P03915    | NADH-ubiquinone oxidoreductase chain 5     | MT-ND5                                           |
| Q9HC10    | Otoferlin                                 | OTOF                                             |
| Accession  | Protein Name                                      | Description                                              |
|------------|--------------------------------------------------|----------------------------------------------------------|
| Q86Y26     | NUT family member 1                              | NUTM1                                                    |
| P0C7N8     | Olfactory receptor 9G9                           | OR9G9                                                    |
| Q8NH94     | Olfactory receptor 1L1                           | OR1L1                                                    |
| Q9GZM6     | Olfactory receptor 6D2                           | OR8D2                                                    |
| Q8NGJ4     | Olfactory receptor 52E2                          | OR52E2                                                   |
| Q8NGN6     | Olfactory receptor 10G7                          | OR10G7                                                   |
| Q8NGX3     | Olfactory receptor 10T2                          | OR10T2                                                   |
| Q8NGK2     | Olfactory receptor 52B4                          | OR52B4                                                   |
| Q9H208     | Olfactory receptor 10A2                          | OR10A2                                                   |
| POC6T2     | Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 4 | OST4                                                     |
| Q8NGF4     | Olfactory receptor 5AP2                          | OR5AP2                                                   |
| Q8NGN3     | Olfactory receptor 10G4                          | OR10G4                                                   |
| Q9Y5P8     | Serine/threonine-protein phosphatase 2A regulatory subunit Bbeta | PPP2R3B                                                 |
| P0DN81     | Olfactory receptor 13C7                          | OR13C7                                                   |
| A1E959     | Odontogenic ameloblast-associated protein         | ODAM                                                     |
| Q9BYE7     | Polycomb group RING finger protein 6              | PCGF6                                                    |
| Q5T2S8     | Outer dynein arm-docking complex subunit 2       | ODAD2                                                    |
| Q9UGF5     | Olfactory receptor 14J1                          | OR14J1                                                   |
| Q8WVF1     | Protein OSCP1                                    | OSCP1                                                    |
| Q8NGY9     | Olfactory receptor 2L8                           | OR2L8                                                    |
| Q9HCR9     | Dual 3',5'-cyclic-AMP and -GMP phosphodiesterase 11A | PDE11A                                                  |
| Q01064     | Calcium/calmodulin-dependent 3',5'-cyclic nucleotide phosphodiesterase 1B | PDE1B                                                   |
| Q9Y5H2     | Protocadherin gamma-A11                          | PCDHGA11                                                 |
| A0AD1XK7G0 | Olfactory receptor 4M2                           | OR4M2                                                    |
| P40855     | Peroxisomal biogenesis factor 19                 | PEX19                                                    |
| Q14442     | Phosphatidylinositol N-acetylglucosaminyltransferase subunit H | PIGH                                                   |
| Q8TC15     | Protein pitchfork                                | PIFO                                                     |
| P54886     | Delta-1-pyrroline-5-carboxylate synthase          | ALDH18A1                                                 |
| Q86X59     | Putative uncharacterized protein LINC02875       | LINC02875                                                |
| Q6VWX0     | Vitamin D 25-hydroxylase                         | CYP2R1                                                   |
| P61566     | Endogenous retrovirus group K member 24 Env polypeptide | ERVK-24                                                 |
| Q9NT22     | EMILIN-3                                         | EMILIN3                                                  |
| Q6EEV4     | DNA-directed RNA polymerase II subunit GRINL1A, isoforms 4/5 | POLR2M                                                 |
| Q9NQX3     | Gephyrin                                         | GPHN                                                     |
| Q9NS66     | Probable G-protein coupled receptor 173          | GPR173                                                   |
| P63092     | Guanine nucleotide-binding protein G              | GNAS                                                     |
| Q7254G     | GOLGA7                                           | GOLGA7                                                   |
| P51810     | G-protein coupled receptor 143                   | GPR143                                                   |
| P48637     | Glutathione synthetase                           | GSS                                                      |
| P11169     | Solute carrier family 2, facilitated glucose transporter member 3 | SLC2A3                                                 |
| Q71IU9     | Histone H2A.V                                    | H2AZ2                                                    |
| Q9UB9      | Headcase protein homolog                          | HECA                                                     |
| Q8FF7      | Putative heat shock protein HSP 90-beta-3        | HSP90AB3P                                                 |
| P31269     | Homeobox protein Hox-A9                          | HOXA9                                                    |
| Q06921     | Checkpoint protein HUS1                          | HUS1                                                     |
| Q99081     | Transcription factor 12                          | TCF12                                                    |
| Accession  | Description                                                                 | Gene Symbol |
|------------|-----------------------------------------------------------------------------|-------------|
| P0DTW3     | Probable non-functional immunoglobulin heavy variable 1-38-4                 | IGHV1-38-4  |
| Q9UJY1     | Heat shock protein beta-8                                                  | HSPB8       |
| Q9BUJ2     | Heterogeneous nuclear ribonucleoprotein U-like protein 1                    | HNRNPUL1    |
| P32881     | Interferon alpha-8                                                         | IFNA8       |
| Q14005     | Pro-interleukin-16                                                         | IL16        |
| Q9NWZ3     | Interleukin-1 receptor-associated kinase 4                                  | IRAK4       |
| Q8WWWU7    | Inteectin-2                                                                | ITLN2       |
| Q06033     | Inter-alpha-trypsin inhibitor heavy chain H3                                | ITIH3       |
| P17275     | Transcription factor jun-B                                                 | JUNB        |
| Q8NB8E8    | Kelch-like protein 23                                                     | KLHL23      |
| Q8NZ39     | Kelch-like protein 34                                                     | KLHL34      |
| P15382     | Potassium voltage-gated channel subfamily E member 1                       | KCNE1       |
| Q2KJY2     | Kinesin-like protein KIF26B                                               | KIF26B      |
| Q9NSB4     | Keratin, type II cuticular Hb2                                              | KRTB2       |
| Q5VS4      | Kidney mitochondrial carrier protein 1                                     | SLC25A30    |
| B7ZC32     | Kinesin-like protein KIF28P                                               | KIF28P      |
| Q9BYR2     | Keratin-associated protein 4-5                                             | KRTAP4-5    |
| Q9BYQ7     | Keratin-associated protein 4-1                                             | KRTAP4-1    |
| Q9NPI9     | Inward rectifier potassium channel 16                                      | KCN116      |
| Q6L8H1     | Keratin-associated protein 5-4                                              | KRTAP5-4    |
| Q3L664     | Keratin-associated protein 6-1                                             | KRTAP6-1    |
| O60256     | Phosphoribosyl pyrophosphate synthase-associated protein 2                 | PRPSAP2     |
| P04432     | Immunoglobulin kappa variable 1D-39                                        | IGKV1D-39   |
| P12532     | Creatine kinase U-type, mitochondrial                                      | CKMT1A      |
| Q9UDB5     | Origin recognition complex subunit 3                                       | ORC3        |
| Q9H6K4     | Optic atrophy 3 protein                                                    | OPA3        |
| A0A2R8YFM6 | Oocyte-secreted protein 3                                                  | OOSP3       |
| Q8NGi9     | Olfactory receptor 5A2                                                     | OR5A2       |
| O43614     | Orexin receptor type 2                                                      | HCRTR2      |
| Q16620     | BDNF/NT-3 growth factors receptor                                          | NTRK2       |
| P47890     | Olfactory receptor 1G1                                                     | OR1G1       |
| P0DMB1     | Proline-rich protein 23D2                                                  | PRR23D2     |
| Q996R2     | Olfactory receptor 2M2                                                     | OR2M2       |
| Q6Z4W9     | PAX-interacting protein 1                                                  | PAXIP1      |
| Q96FC7     | Phytanoyl-CoA hydroxylase-interacting protein-like                         | PHYHIPL     |
| Q8WUA2     | Peptidyl-prolyl cis-trans isomerase-like 4                                  | PPI4        |
| Q92871     | Phosphomannomutase 1                                                       | PMM1        |
| Q9UQG0     | Endogenous retrovirus group K member 11 Pol protein                        | ERVK-11     |
| O14939     | Phospholipase D2                                                           | PLD2        |
| Q96HM7     | PC-esterase domain-containing protein 1B                                    | PCED1B      |
| Q95521     | PRAME family member 1                                                      | PRAMEF1     |
| Q95522     | PRAME family member 12                                                     | PRAMEF12    |
| Q6P2Q9     | Pre-mRNA-processing-splicing factor 8                                       | PRPF8       |
| Q9NRG1     | Phosphonibosyltransferase domain-containing protein 1                       | PRTFDC1     |
| Q9H7J1     | Protein phosphatase 1 regulatory subunit 3E                                 | PPP1R3E     |
| Q9UJ8V8    | Purine-rich element-binding protein gamma                                   | PURG        |
| O43653     | Prostate stem cell antigen                                                 | PSCA        |
| Accession | Description | ID |
|-----------|-------------|----|
| Q9UKA9 | Polypyrimidine tract-binding protein 2 | PTBP2 |
| P78395 | Melanoma antigen preferentially expressed in tumors | PRAFE |
| Q14671 | Pumilio homolog 1 | PUM1 |
| P21246 | Pleiotrophin | PTN |
| P0DMW2 | NLR family pyrin domain-containing protein 2B | NLRBP2 |
| Q14807 | Kinesin-like protein KIF22 | KIF22 |
| Q9H7L2 | Putative killer cell immunoglobulin-like receptor-like protein KIR3DX1 | KIR3DX1 |
| Q03426 | Mevalonate kinase | MVK |
| A0A07586S4 | Immunoglobulin kappa variable 1D-17 | IGKV1D-17 |
| P48357 | Leptin receptor | LEPR |
| Q13136 | Liprin-alpha-1 | PPFIA1 |
| O95237 | Lecithin retinol acyltransferase | LRAT |
| P54315 | Inactive pancreatic lipase-related protein 1 | PNPLP1 |
| Q9Y333 | U6 snRNA-associated Sm-like protein LSm2 | LSM2 |
| O95777 | U6 snRNA-associated Sm-like protein LSm8 | LSM8 |
| Q86TE4 | Leucine zipper protein 2 | LUZP2 |
| A0A07586J1 | Immunoglobulin lambda variable 5-37 | IGLV5-37 |
| Q5TIA1 | Meiosis inhibitor protein 1 | MEI1 |
| Q9GZU1 | Mucolipin-1 | MCOLN1 |
| POC7V9 | Putative methyltransferase-like protein 15P1 | METTL15P1 |
| Q98UT9 | MAPK regulated corepressor interacting protein 2 | MCRIP2 |
| Q96EH3 | Mitochondrial assembly of ribosomal large subunit protein 1 | MALSU1 |
| Q03112 | Histone-lysine N-methyltransferase MECOM | MECOM |
| P41968 | Melanocortin receptor 3 | MC3R |
| O43462 | Membrane-bound transcription factor site-2 protease | MBTSP2 |
| Q8WZ33 | MaFF-interacting protein | MAFIP |
| Q8IV50 | LysM and putative peptidoglycan-binding domain-containing protein 2 | LYSMD2 |
| Q8WX6G | MAP kinase-activating death domain protein | MADD |
| Q9NX63 | MICOS complex subunit MIC19 | CHCHD3 |
| P24347 | Stromelysin-3 | MMP11 |
| P55081 | Microfibrillar-associated protein 1 | MFAP1 |
| Q5T2T1 | MAGUK p55 subfamily member 7 | MPP7 |
| Q2M385 | Macrophage-expressed gene 1 protein | MPEG1 |
| Q96LB1 | Mas-related G-protein coupled receptor member X2 | MRGPRX2 |
| Q9NRU1 | Protein MOST-1 | C8orf17 |
| Q9HCE1 | Helicase MOV-10 | MOV10 |
| Q8NDA8 | Maestro heat-like repeat-containing protein family member 1 | MROH1 |
| O15374 | Monocarboxylate transporter 5 | SLC16A4 |
| Q6ZUA9 | Maestro heat-like repeat family member 5 | MROH5 |
| Q92887 | Canalicul multispcecific organic anion transporter 1 | ABCC2 |
| Q70IA6 | MOB kinase activator 2 | MOB2 |
| Q96EF0 | Myotubularin-related protein 8 | MTMR8 |
| Q9Y216 | Myotubularin-related protein 7 | MTMR7 |
| Q96DR8 | Mucin-like protein 1 | MUC1 |
| Q9H195 | Mucin-3B | MUC3B |
| Accession | Description                                                                 | Uniprot ID |
|-----------|-----------------------------------------------------------------------------|------------|
| Q9H903    | Probable bifunctional methylenetetrahydrofolate dehydrogenase/cyclohydrolase 2 | MTHFD2L    |
| O60934    | Nibrin                                                                       | NBN        |
| Q8N7R0    | Putative homeobox protein NANOG2                                              | NANOGP1    |
| Q9H009    | Nascent polypeptide-associated complex subunit alpha-2                       | NACA2      |
| P04198    | N-myc proto-oncogene protein                                                  | MYCN       |
| Q9Y588    | Nucleoside diphosphate kinase 7                                               | NME7       |
| Q8NEV4    | Myosin-Ilia                                                                  | MYO3A      |
| Q9697    | Myeloid-associated differentiation marker                                     | MYADM      |
| O00533    | Neural cell adhesion molecule L1-like protein                                 | CHL1       |
| Q9H224    | Homeobox protein Nkx-2,4                                                     | NKX2-4     |
| Q96PY6    | Serine/threonine-protein kinase Nek1                                           | NEK1       |
| Q9UN36    | Protein NDRG2                                                                 | NDRG2      |
| Q96G74    | OTU domain-containing protein 5                                               | OTUD5      |
| Q16549    | Proprotein convertase subtilisin/kexin type 7                                 | PCSK7      |
| Q15032    | R3H domain-containing protein 1                                               | R3HDM1     |
| Q9H74     | Queuine tRNA-ribozymtransferase accessory subunit 2                           | QTRT2      |
| O75192    | Peroxisomal membrane protein N1                                               | PEX11A     |
| Q9H427    | Potassium channel subfamily K member 15                                       | KCNK15     |
| Q9BW19    | Kinesin–like protein KIFC1                                                    | KIFC1      |
| A6NMS7    | Leucine-rich repeat-containing protein 37A                                    | LRRC37A    |
| O14960    | Leukocyte cell-derived chemotaxin-2                                           | LECT2      |
| A0A075B6S6 | Immunoglobulin kappa variable 2D-30                                           | IGKV2D-30  |
| Q5TDP6    | Lipocalin-15                                                                  | LCN15      |
| Q81YD9    | Lung adenoma susceptibility protein 2                                         | LAS2       |
| Q51DP6    | Lengsin                                                                      | LGSN       |
| Q6ZST4    | Lipocalin-like 1 protein                                                      | LCN1       |
| Q96D10    | Galectin-12                                                                  | LGALS12    |
| Q51A77    | Late cornified envelope protein 3B                                             | LCE3B      |
| Q8N967    | Leucine-rich repeat and transmembrane domain-containing protein 2             | LRTM2      |
| Q6P1Q0    | LETM1 domain-containing protein 1                                             | LETMD1     |
| P53344    | Lens fiber membrane intrinsic protein                                         | LIM2       |
| P28300    | Protein-lysine 6-oxidase                                                      | LOX        |
| Q98TT4    | Mediator of RNA polymerase II transcription subunit 10                        | MED10      |
| O60663    | LIM homeobox transcription factor 1-beta                                      | LMX1B      |
| Q96T17    | MAP7 domain-containing protein 2                                              | MAP7D2     |
| P62312    | U6 snRNA-associatesm Sm-like protein LSM6                                     | LSM6       |
| Q9UK45    | U6 snRNA-associatesm Sm-like protein LSM7                                     | LSM7       |
| Q14814    | Myocyte-specific enhancer factor 2D                                           | MEF2D      |
| P50579    | Methionine aminopeptidase 2                                                   | METAP2     |
| Q8N3Y3    | LARGE xylosyl- and glucuronyltransferase 2                                    | LARGE2     |
| Q6ZN16    | Mitogen-activated protein kinase kinase kinase 15                             | MAP3K15    |
| Accession | Description |
|-----------|-------------|
| Q16644    | MAP kinase-activated protein kinase 3 | MAPKAPK3 |
| Q14D04    | Ventricular zone-expressed PH domain-containing protein homolog 1 | VEPH1 |
| Q1X8D7    | Leucine-rich repeat-containing protein 36 | LRRC36 |
| O15021    | Microtubule-associated serine/threonine-protein kinase 4 | MAST4 |
| P35410    | Mas-related G-protein coupled receptor MRG | MAS1L |
| Q9NXL9    | DNA helicase MCM9 | MCM9 |
| Q14703    | Membrane-bound transcription factor site-1 protease | MBTPS1 |
| Q13021    | MAL-like protein | MALL |
| P09238    | Stromelysin-2 | MMP10 |
| Q9BYG3    | MKI67 FHA domain-interacting nucleolar phosphoprotein | NIFK |
| P20585    | DNA mismatch repair protein Msh3 | MSH3 |
| Q29980    | MHC class I polypeptide-related sequence B | MICB |
| Q13421    | Mesothelin | MSLN |
| O60906    | Sphingomyelin phosphodiesterase 2 | SMPD2 |
| Q8NGC5    | Olfactory receptor 6J1 | OR6J1 |
| Q8IZS5    | Orofaccial deft 1 candidate gene 1 protein | OFCC1 |
| Q8TDS5    | Oxoeicosanoid receptor 1 | OXER1 |
| Q9Y5N6    | Origin recognition complex subunit 6 | ORC6 |
| Q8NH69    | Olfactory receptor 5W2 | OR5W2 |
| Q9HB0     | Gamma-parvin | PARVG |
| Q5VY43    | Platelet endothelial aggregation receptor 1 | PEAR1 |
| Q8TF01    | Arginine-serine-rich protein PNISR | PNISR |
| O14495    | Phospholipid phosphatase 3 | PLPP3 |
| Q96N28    | PRELI domain containing protein 3A | PRELID3A |
| Q9HBV1    | Popeye domain-containing protein 3 | POPDC3 |
| Q9NUX5    | Protection of telomeres protein 1 | POT1 |
| Q15162    | Phospholipid scramblase 1 | PLSCR1 |
| Q9ULU4    | Protein kinase C-binding protein 1 | ZMYND8 |
| Q9NUQ2    | 1-acyl-sn-glycerol-3-phosphate acyltransferase epsilon | AGPAT5 |
| Q92620    | Pre-mRNA-splicing factor ATP-dependent RNA helicase PRP16 | DHX38 |
| Q96KF2    | Small nuclear protein PRAC1 | PRAC1 |
| Q8TAP8    | Protein phosphatase 1 regulatory subunit 35 | PP1R35 |
| Q9QNQV    | Histone-lysine N-methyltransferase PRDM9 | PRDM9 |
| Q8TCU6    | Phosphatidylinositol 3,4,5-trisphosphate Rac exchanger 1 protein | PREX1 |
| Q9Y6C5    | Protein patched homolog 2 | PTCH2 |
| O43242    | 26S proteasome non-ATPase regulatory subunit 3 | PSMD3 |
| P18031    | Tyrosine-protein phosphatase non-receptor type 1 | PTPN1 |
| P29350    | Tyrosine-protein phosphatase non-receptor type 6 | PTPN6 |
| P38571    | Lysosomal acid lipase/cholesteryl ester hydrolase | LIPA |
| Q49AS3    | Putative protein LRRC37A5P | LRRC37A5P |
| Q75145    | Liprin-alpha-3 | PPIA3 |
| P00338    | L-lactate dehydrogenase A chain | LDHA |
| Accession | Description                                                                 | Symbol   |
|-----------|------------------------------------------------------------------------------|----------|
| Q01650    | Large neutral amino acids transporter small subunit 1                        | SLC7A5   |
| Q95461    | LARGE xylosyl- and glucuronyltransferase 1                                   | LARGE1   |
| Q17898    | LON peptidase N-terminal domain and RING finger protein 1                    | LONRF1   |
| Q15345    | Leucine-rich repeat-containing protein 41                                    | LRRFC41  |
| Q14693    | Phosphatidate phosphatase LPIN1                                              | LPIN1    |
| Q96506    | Lipase maturation factor 1                                                   | LMF1     |
| P07948    | Tyrosine-protein kinase Lyn                                                   | LYN      |
| O43324    | Eukaryotic translation elongation factor 1 epsilon-1                          | EEF1E1   |
| Q9H9H5    | MAP6 domain-containing protein 1                                             | MAP6D1   |
| Q9JK3N    | Microtubule-actin cross-linking factor 1, isoforms 1/2/3/5                   | MACF1    |
| Q99687    | Homeobox protein Meis3                                                       | MEIS3    |
| Q14767    | Mediator of DNA damage checkpoint protein 1                                  | MDC1     |
| P49736    | DNA replication licensing factor MCM2                                         | MCM2     |
| Q81D91    | Melanoma-associated antigen C3                                                | MAGEC3   |
| P39992    | DNA replication licensing factor MCM5                                         | MCM5     |
| Q60T32    | Melanoma-associated antigen C1                                                | MAGEC1   |
| Q9J9U0    | Muscleblind-like protein 3                                                   | MBNL3    |
| Q50G3     | Putative malate dehydrogenase                                                | MDH1B    |
| P39993    | DNA replication licensing factor MCM7                                         | MCM7     |
| A6NE82    | Putative methyl-CpG-binding domain protein 3-like 3                          | MBD3L3   |
| Q05195    | Max dimerization protein 1                                                   | MXD1     |
| Q98Q60    | Myb-binding protein 1A                                                        | MYBBP1A  |
| Q5TF39    | Sodium-dependent glucose transporter 1                                       | MFSD4B   |
| Q60N75    | Molybdate-anion transporter                                                   | MFSD5    |
| Q8NAN2    | Mitoguardin 1                                                                | MIGA1    |
| Q13T219   | Pappalysin-1                                                                 | PAPPA    |
| Q96S19    | Methyltransferase-like 26                                                     | METTL26  |
| O15438    | ATP-binding cassette sub-family C member 3                                   | ABCC3    |
| P00387    | NADH–cytochrome b5 reductase 3                                               | CYB5R3   |
| Q7Z5D8    | NANO G neighbor homeobox                                                     | NANOGB   |
| A6NP61    | Protein myomaker                                                             | MYMK     |
| Q9UBC5    | Unconventional myosin-la                                                     | MYO1A    |
| Q96K9     | NF-kappa-B essential modulator                                               | IKBK     |
| P48552    | Nuclear receptor-interacting protein 1                                       | NRIP1    |
| Q90U40    | Nuclear fragile X mental retardation-interacting protein 1                   | NUFIP1   |
| A1L443    | NUT family member 2F                                                         | NUTM2F   |
| Q7LS85    | OTU domain-containing protein 6A                                              | OTUD6A   |
| Q9WZ592   | Olfactory receptor 5P2                                                        | OR5P2    |
| P03897    | NADH-ubiquinone oxidoreductase chain 3                                       | MT-ND3   |
| Q8NGD3    | Olfactory receptor 4K5                                                       | OR4K5    |
| Q86W56    | Poly                                                                        | PARG     |
| Q92521    | GPI mannosyltransferase 3                                                     | PIGB     |
| P34995    | Prostaglandin E2 receptor EP1 subtype                                         | PTGER1   |
| Q8TEM1    | Nuclear pore membrane glycoprotein 210                                       | NUP210   |
| Q9Y6A1    | Protein O-mannosyl-transferase 1                                             | POMT1    |
| Q9Y570    | Protein phosphatase methylesterase 1                                         | PPME1    |
| Accession   | Description                                                                 | Abbr  |
|-------------|-----------------------------------------------------------------------------|-------|
| Q6S545      | POTE ankyrin domain family member H                                         | POTEH |
| Q9H939      | Proline-serine-threonine phosphatase-interacting protein 2                  | PSTPIP2 |
| B7ZBB8      | Protein phosphatase 1 regulatory subunit 3G                                  | PPP1R3G |
| Q7Z2D5      | 2-lysophosphatidate phosphatase PLPPR4                                       | PLPPR4 |
| O00329      | Phosphatidylinositol 4,5-bisphosphate 3-kinase catalytic subunit delta isoform | PIK3CD |
| O94827      | Pleckstrin homology domain-containing family G member 5                      | PSTPIP2 |
| Q6NU01      | RAD50-interacting protein 1                                                 | RINT1 |
| Q9H7P9      | Pleckstrin homology domain-containing family G member 2                      | PSTPIP2 |
| Q6NYC1      | Bifunctional arginine demethylase and lysyl-hydroxylase JMJD6               | JMJD6 |
| Q7Z3Y9      | Keratin, type I cytoskeletal 26                                              | KRT26 |
| Q13797      | Integrin alpha-9                                                            | ITGA9 |
| Q0VD86      | Protein INCA1                                                               | INCA1 |
| P35568      | Insulin receptor substrate 1                                                | IRS1 |
| Q9NR6X      | Protein kish-B                                                              | TMEM167B |
| Q92908      | Interferon regulatory factor 7                                               | IRF7 |
| Q01101      | Insulinoma-associated protein 1                                             | INSM1 |
| O9S279      | Potassium channel subfamily K member 5                                       | KCNK5 |
| P57682      | Krueppel-like factor 3                                                      | KLF3 |
| P17252      | Protein kinase C alpha type                                                  | PRKCA |
| Q95513      | Protein kinase C zeta type                                                   | PRKCG |
| A8MTY7      | Keratin-associated protein 9-7                                               | KRTAP9 |
| P05162      | Galectin-2                                                                  | LGALS2 |
| Q8WX39      | Epididymal-specific lipocalin-9                                              | LCN9 |
| Q7Z4F1      | Low-density lipoprotein receptor-related protein 10                         | LRP10 |
| Q6VA06      | Kinase suppressor of Ras 2                                                  | KSR2 |
| Q8TF66      | Leucine-rich repeat-containing protein 15                                    | LRRC15 |
| A6NM36      | Leucine-rich repeat-containing protein 30                                    | LRRC30 |
| Q6NSJ5      | Volume-regulated anion channel subunit LRRC8E                               | LRRC8E |
| P09917      | Polyunsaturated fatty acid 5-lipoxygenase                                   | ALOX5 |
| Q6UWE0      | E3 ubiquitin-protein ligase LRSAM1                                           | LRSAM1 |
| P14151      | L-selectin                                                                  | SELL |
| Q93052      | Lipoma-preferred partner                                                    | LPP |
| Q9VY9Y9     | U6 snRNA-associated Sm-like protein LSM5                                     | LSM5 |
| Q6ZN17      | Protein lin-28 homolog B                                                     | LIN28B |
| Q5U623      | Activating transcription factor 7-interacting protein 2                    | ATF7IP2 |
| Q15232      | Matrin-3                                                                    | MATN3 |
| A0A0758666  | Immunoglobulin lambda variable 3-22                                         | IGLV3-22 |
| Q7IF56      | Mediator of RNA polymerase II transcription subunit 13-like                 | MED13L |
| Q15648      | Mediator of RNA polymerase II transcription subunit 1                       | MED1 |
| Q8N635      | Meiois-specific with OB domain-containing protein                           | MEIOB |
| Q20382      | Pro-MCH                                                                     | PMCH |
| Q16626      | Male-enhanced antigen 1                                                     | MEA1 |
| Q9F316      | Protein MEMO1                                                               | MEMO1 |
| Q9NZL9      | Methionine adenosyltransferase 2 subunit beta                               | MAT2B |
| O95402      | Mediator of RNA polymerase II transcription subunit 26                      | MED26 |
| Accession | Description                                                                 | Protein Name   |
|-----------|-----------------------------------------------------------------------------|----------------|
| Q00987    | E3 ubiquitin-protein ligase Mdm2                                           | MDM2           |
| A6NU08    | Putative methyl-CpG-binding domain protein 3-like 5                         | MBD3L5         |
| Q5VYJ5    | MAM and LDL-receptor class A domain-containing protein 1                    | MALRD1         |
| Q6P0Q8    | Microtubule-associated serine/threonine-protein kinase 2                    | MAST2          |
| Q8N8X9    | Protein mab-21-like 3                                                       | MAB21L3        |
| P53985    | Monocarboxylic transporter 1                                                | SLC16A1        |
| Q86TA1    | MOB kinase activator 3B                                                     | MOB3B          |
| Q96RD1    | Olfactory receptor 6C1                                                      | OR6C1          |
| Q16656    | Nuclear respiratory factor 1                                                | NRF1           |
| Q8NH40    | Olfactory receptor 6S1                                                      | OR6S1          |
| Q60683    | Peroxisome biogenesis factor 10                                             | PEX10          |
| Q99755    | Phosphatidylinositol 4-phosphate 5-kinase type-1 alpha                      | PIP5K1A        |
| Q8TCT1    | Phosphoethanolamine/phosphocholine phosphatase                              | PHOSPHO1       |
| Q14737    | Programmed cell death protein 5                                             | PDCD5          |
| P49023    | Paxillin                                                                   | PXN            |
| P43088    | Prostaglandin F2-alpha receptor                                             | PTGFR          |
| Q8N8T0    | POC1 centriolar protein homolog A                                           | POC1A          |
| Q13951    | Core-binding factor subunit beta                                            | CBFB           |
| Q9H5P4    | PDZ domain-containing protein 7                                             | PDZD7          |
| Q969W9    | Protein TMEPAI                                                              | PMEPA1         |
| Q6TAP5    | Phospholipid phosphatase-related protein type 3                             | PLPPR3         |
| Q15195    | Piasminogen-like protein A                                                  | PLGLA          |
| Q9UKL6    | Phosphatidylinosine transfer protein                                        | PCTP           |
| Q969H6    | Ribonuclease P/MRP protein subunit POP5                                     | POP5           |
| Q00G26    | Perilipin-5                                                                | PLIN5          |
| Q9UF11    | Pleckstrin homology domain-containing family B member 1                     | PLEKH81        |
| Q9UBT6    | DNA polymerase kappa                                                       | POLK           |
| P48651    | Phosphatidylerine synthase 1                                                | PTDSS1         |
| Q96BW5    | Phosphotriesterase-related protein                                          | PTER           |
| P61289    | Proteasome activator complex subunit 3                                     | PSME3          |
| Q12923    | Tyrosine-protein phosphatase non-receptor type 13                           | PTPN13         |
| P17706    | Tyrosine-protein phosphatase non-receptor type 2                            | PTPN2          |
| P23470    | Receptor-type tyrosine-protein phosphatase gamma                            | PTPRG          |
| P53708    | Integrin alpha-8                                                           | ITGA8          |
| P35527    | Keratin, type I cytoskeletal 9                                              | KRT9           |
| Q9UFP2    | IQ motif and SEC7 domain-containing protein 3                               | IQSEC3         |
| P20701    | Integrin alpha-L                                                           | ITGAL          |
| Q86VZ6    | Juxtaposed with another zinc finger protein 1                               | JAZF1          |
| Q96M32    | Adenylate kinase 7                                                          | AK7            |
| Q14641    | Early placenta insulin-like peptide                                         | INSL4          |
| P15260    | Interferon gamma receptor 1                                                | IFNGR1         |
| Q9U796    | Kelch-like protein 3                                                        | KLHL3          |
| Q9UU96    | Potassium voltage-gated channel subfamily G member 2                        | KCNG2          |
| Q9Y573    | Actin-binding protein IPP                                                   | IPP            |
| Q9UQ07    | MAPK/MAK/MRK overlapping kinase                                             | MOK            |
| O75352    | Mannose-P-dolichol utilization defect 1 protein                             | MPDU1          |
| P19823    | Inter-alpha-trypsin inhibitor heavy chain H2                                | ITIH2          |
| Q8X03     | Protein KIBRA                                                              | WWC1           |
| Gene ID | Name                                                                 | Description                                                                                           |
|--------|----------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| P57789 | Potassium channel subfamily K member 10                            | KCNK10                                                                                                  |
| Q8UB9  | Keratin-associated protein 19-1                                     | KRTAP19-1                                                                                                |
| Q04760 | Lactoylglutathione lyase                                             | GLO1                                                                                                    |
| P22612 | cAMP-dependent protein kinase catalytic subunit gamma                | PRKACG                                                                                                  |
| A0A0A0MRZ7 |                 | Immunoglobulin kappa variable 2D-26                                                                         |
| Q5TA76 | Late cornified envelope protein 3A                                  | LCE3A                                                                                                   |
| Q13094 | Lymphocyte cytosolic protein 2                                      | LCP2                                                                                                    |
| Q9BV99 | Leucine-rich repeat-containing protein 61                           | LRRC61                                                                                                  |
| Q6P9F7 | Volume-regulated anion channel subunit LRRCCB                        | LRRC88                                                                                                  |
| O00453 | Leukocyte-specific transcript 1 protein                             | LST1                                                                                                    |
| Q75325 | Leucine-rich repeat neuronal protein 2                              | LRRN2                                                                                                   |
| A1AT4E5 |                | Leukemia NUP98 fusion partner 1                                                                                  |
| Q969L4 | U7 snRNA-associated Sm-like protein LSm10                            | LSM10                                                                                                   |
| Q75023 | Leukocyte immunoglobulin-like receptor subfamily B member 5         | LIILRB5                                                                                                 |
| PODP58 | Ly-6/neurotoxin-like protein 1                                      | LYNX1                                                                                                   |
| Q9PO86 | Mediator of RNA polymerase II transcription subunit 11              | MED11                                                                                                   |
| O00754 | Lysosomal alpha-mannosidase                                          | MAN2B1                                                                                                  |
| P01717 | Immunglobulin lambda variable 3-25                                   | IGLV3-25                                                                                                |
| Q3KQU3 | MAP7 domain-containing protein 1                                     | MAP7D1                                                                                                  |
| Q9Y6D9 | Mitotic spindle assembly checkpoint protein MAD1                    | MAD1L1                                                                                                  |
| Q15O13 | MAD2L1-binding protein                                               | MAD2L1BP                                                                                                 |
| Q16O48 | Putative pro-MCH-like protein 1                                      | PMCHL1                                                                                                  |
| O00255 | Menin                                                               | MEN1                                                                                                    |
| Q9H992 | E3 ubiquitin-protein ligase                                          | MARCHF7                                                                                                 |
| Q68CR7 | Leucine-rich repeat-containing protein 66                            | LRR66                                                                                                   |
| Q9NX0 | Membrane-spanning 4-domains subfamily A member 12                   | MS4A12                                                                                                  |
| C9JLW8 | Mapk-regulated corepressor-interacting protein 1                    | MCRIP1                                                                                                  |
| P21439 | Phosphatidylcholine translocator ABCB4                               | ABCB4                                                                                                   |
| Q4JN3  | Membralin                                                           | TMEM259                                                                                                 |
| O43513 | Mediator of RNA polymerase II transcription subunit 7               | MED7                                                                                                    |
| Q75553 | MAM domain-containing glycosylphosphatidylinositol anchor protein 2  | MDGA2                                                                                                   |
| Q8N4S9 | MARVEL domain-containing protein 2                                   | MARVELD2                                                                                                 |
| Q8T6B1 | Protein MB21D2                                                      | MB21D2                                                                                                  |
| P56270 | Myc-associated zinc finger                                          | MAZ                                                                                                     |
| Q9A9H0 | Methyltransferase-like protein 17, mitochondrial                     | METTL17                                                                                                 |
| P30304 | M-phase inducer phosphatase 1                                       | CDC25A                                                                                                  |
| Q9NX2D | Myotubularin-related protein 10                                      | MTMR10                                                                                                  |
| Q9Y48S | Metal-response element-binding transcription factor 2               | MTF2                                                                                                    |
| Q13126 | S-methyl-5'-thioadenosine phosphorlyase                             | MTAP                                                                                                    |
| Q68CY4 | NADH-cytochrome b5 reductase 2                                      | CYB5R2                                                                                                  |
| Q86W28 | NACHT, LRR and PYD domains-containing protein 8                      | NLRP8                                                                                                   |
| Q6Z3N1 | Neurobeachin-like protein 2                                         | NBEA12                                                                                                  |
| Protein ID | Description                                           | Protein ID | Description                                           |
|-----------|-------------------------------------------------------|-----------|-------------------------------------------------------|
| Q9GZM8    | Nuclear distribution protein nudE-like 1              | P43490    | Nicotinamide phosphoribosyltransferase                |
| Q8TBZ2    | MYCBP-associated protein                              | Q96MN2    | NACHT, LRR and PYD domains-containing protein 4       |
| P43490    | Nicotinamide phosphoribosyltransferase                | Q9HD67    | Unconventional myosin-X                               |
| P56597    | Nucleoside diphosphate kinase homolog 5               | O75592    | E3 ubiquitin-protein ligase MYCBP2                    |
| O5VZE5    | N-alpha-acetyltransferase 35, NatC auxiliary subunit  | P05974    | N-alpha-acetyltransferase 20                          |
| P15999    | N-alpha-acetyltransferase 20                          | Q8WV74    | Nucleoside diphosphate-linked moiety X motif 8        |
| Q08J23    | RNA cytosine C                                        | Q5VSF7    | Obscurin                                              |
| Q8NH44    | Olfactory receptor 2AE1                                | P09954    | Olfactory receptor 10J1                               |
| Q8NHF0    | Putative olfactory receptor 10D3                      | Q60403    | Olfactory receptor 10H2                               |
| P58181    | Olfactory receptor 10A3                               | Q8NH53    | Olfactory receptor 52N1                               |
| Q8NH08    | Olfactory receptor 10AC1                              | Q8N9G7    | Olfactory receptor 10V1                               |
| Q96NG3    | Outer dynein arm-docking complex subunit 4            | Q13438    | Protein OS-9                                         |
| Q9NTK5    | Oab-like ATPase 1                                      | O94913    | Pre-mRNA cleavage complex 2 protein Pcf11             |
| Q9ULE6    | Paladin                                               | Q9NVE7    | 4'-phosphopantetheine phosphatase                     |
| P0C7N5    | Olfactory receptor 8U9                                | Q8NH7S    | RNA polymerase II-associated factor 1 homolog         |
| Q76074    | cGMP-specific 3',5'-cyclic phosphodiesterase          | Q15S46    | Monocyte to macrophage differentiation factor          |
| Q96DU9    | Polyadenylate-binding protein 5                       | Q9NQ20    | Group 3 secretory phospholipase A2                    |
| Q9P2E7    | Protocadherin-10                                      | Q9S5H9    | Protocadherin alpha-2                                 |
| Q96FE7    | Phosphoinositide-3-kinase-interacting protein 1       | Q96MG8    | Protein-L-isooaspartate O-methyltransferase domain-containing protein 1 |
| Q86U86    | Protein polybromo-1                                   | Q8TCG2    | Phosphatidylinositol 4-kinase type 2-beta             |
| P14210    | Hepatocyte growth factor                              | Q9BQ57    | Hephaestin                                            |
| Q9NYD6    | Homeobox protein Hox-C10                              | O43422    | 52 kDa repressor of the inhibitor of the protein kinase |
| Q04792    | Heat shock protein beta-1                             | Q01814    | Immunoglobulin heavy variable 2-70                   |
| Q12988    | Heat shock protein beta-3                             | Q86UW8    | Hyaluronan and proteoglycan link protein 4            |
| C9JCN9    | Heat shock factor-binding protein 1-like protein 1    |
| P00333 | Keratin, type I cytoskeletal 14 | KRT14 |
| P97504 | Protein jagged-1 | JAG1 |
| P13349 | Integrin alpha-D | ITGD |
| P77571 | Keratin, type II cytoskeletal 74 | KRT74 |
| P00333 | Keratin, type I cytoskeletal 14 | KRT14 |
| Q15023 | Kinesin-like protein KIF19 | KIF19 |
| Q72369 | Keratin-associated protein 10-3 | KRTAP10-3 |
| Q15095 | Keratinocyte differentiation-associated protein | KRTDAP |
| Q612X7 | Kazrin | KAZN |
| Q66188 | Leukocyte-associated immunoglobulin-like receptor 1 | LAIR1 |
| P25391 | Laminin subunit alpha-1 | LAMA1 |
| P01709 | Immunoglobulin lambda variable 2-8 | IGLV2-8 |
| P86U10 | 60 kDa lysophospholipase | ASPG |
| Accession | Description | PDB ID |
|-----------|-------------|--------|
| Q8NE86    | Calcium uniporter protein, mitochondrial |        |
| A0A0G2S50 6 | Immunoglobulin lambda variable 5-39 |        |
| Q75095    | Multiple epidermal growth factor-like domains protein 6 |        |
| Q9Y2X0    | Mediator of RNA polymerase II transcription subunit 16 |        |
| Q3C1V0    | Membrane-spanning 4-domains subfamily A member 18 |        |
| Q6P1A2    | Lysocephospholipid acyltransferase |        |
| Q567V2    | Mpv17-like protein 2 |        |
| P51512    | Matrix metalloproteinase-16 |        |
| Q96NR2    | Putative MIR1-1HG-AS1 |        |
| P26572    | Alpha-1,3-mannosyl-glycoprotein 2-beta-N-acetylglucosaminyltransferase |        |
| Q29983    | MHC class I polypeptide-related sequence A |        |
| Q16612    | Neuronal regeneration-related protein |        |
| Q1L6U9    | Prostate-associated microseminoprotein |        |
| Q8NHP6    | Motile sperm domain-containing protein 2 |        |
| Q8NGY5    | Olfactory receptor 6N1 |        |
| Q86UD1    | Out at first protein homolog |        |
| Q99047    | Olfactory receptor 2A4 |        |
| P57740    | Nuclear pore complex protein Nup107 |        |
| Q8NGM9    | Olfactory receptor 8D4 |        |
| Q8NH51    | Olfactory receptor 8K3 |        |
| Q9BRQ5    | Protein oral-3 |        |
| Q8NGH9    | Olfactory receptor 52E4 |        |
| Q9H1B4    | Nuclear RNA export factor 5 |        |
| Q14654    | ATP-sensitive inward rectifier potassium channel 11 |        |
| Q8NC69    | BTB/POZ domain-containing protein KCTD6 |        |
| Q86V97    | Kelch repeat and BTB domain-containing protein 6 |        |
| P01624    | Immunoglobulin kappa variable 3-15 |        |
| Q8NX36    | Ligand-dependent nuclear receptor corepressor-like protein |        |
| P09382    | Galectin-1 |        |
| P17931    | Galectin-3 |        |
| Q9Y4K0    | Lysyl oxidase homolog 2 |        |
| P43657    | Lysophosphatidic acid receptor 6 |        |
| Q6DN14    | Multiple C2 and transmembrane domain-containing protein 1 |        |
| Q5VWZ2    | Lysocephospholipase-like protein 1 |        |
| Q8TE12    | LIM homeobox transcription factor 1-alpha |        |
| A0A0A0MR 29 | Immunoglobulin lambda variable 5-52 |        |
| Q00339    | Matrin-2 |        |
| A6NDP7    | Myeloid-associated differentiation marker-like protein 2 |        |
| Q9UI59    | Methyl-CpG-binding domain protein 1 |        |
| Q9UHC7    | E3 ubiquitin-protein ligase makorin-1 |        |
| Q8NBR6    | Ubiquitin carboxyl-terminal hydrolase MINDY-2 |        |
| P41218    | Myeloid cell nuclear differentiation antigen | MINDY2 |
| Accession | Description                                                                 | Accession | Description |
|-----------|------------------------------------------------------------------------------|-----------|-------------|
| Q9UPX6    | Major intrinsically disordered Notch2-binding receptor 1                     | MINAR1    |              |
| Q8TC71    | Mitochondria-eating protein                                                   | SPATA18   |              |
| Q8TCY5    | Melanocortin-2 receptor accessory protein                                     | MRAP      |              |
| Q53F39    | Metallophosphoesterase 1                                                     | MPPE1     |              |
| Q2M3A8    | Putative uncharacterized protein MRGPRG-AS1                                   | MRGPRG-AS1|              |
| A8MV57    | Putative mucosal pentraxin homolog                                            | MPTX1     |              |
| Q15800    | Methylsterol monooxygenase 1                                                  | MSMO1     |              |
| Q96LU7    | Myelin regulatory factor-like protein                                          | MYRFL     |              |
| Q8TE76    | MORC family CW-type zinc finger protein 4                                     | MORC4     |              |
| Q55SG8    | Mucin-21                                                                     | MUC21     |              |
| Q04900    | Sialomucin core protein 24                                                    | CD164     |              |
| Q9RV20    | Methylthioribose-1-phosphate isomerase                                         | MRI1      |              |
| P17050    | Alpha-N-acetylgalactosaminase                                                 | NAGA      |              |
| Q9NX1     | Nuclear distribution protein nudE homolog 1                                   | NDE1      |              |
| Q6IP4     | NADH-cytochrome b5 reductase-like                                             | CYB5RL    |              |
| P10242    | Transcriptional activator Myb                                                 | MYB       |              |
| P12524    | Protein L-Myc                                                                 | MYCL      |              |
| Q94832    | Unconventional myosin-Id                                                      | MYO1D     |              |
| Q9NPC6    | Myozin-2                                                                     | MYO2Z2    |              |
| Q6IAA9    | Glutamine-dependent NAD                                                       | NADSYN1   |              |
| P0DF3     | Neuroblastoma breakpoint family member 9                                      | NBP9      |              |
| Q6NSJ0    | Myogenesis-regulating glycosidase                                             | MYORG     |              |
| P15172    | Myoblast determination protein 1                                              | MYOD1     |              |
| P52952    | Homeobox protein Nkx-2.5                                                      | NKKX2-5   |              |
| Q96SB3    | Neurabin-2                                                                   | PPP1R9B   |              |
| Q99608    | Neccin                                                                       | NDN       |              |
| Q92886    | Neurogenin-1                                                                 | NEUROG1   |              |
| Q9NQR4    | Omega-amidase NIT2                                                           | NIT2      |              |
| Q14223    | NAD                                                                           | NNT       |              |
| Q9NZP6    | Nuclear pore-associated protein 1                                             | NPAP1     |              |
| P48645    | Neuromedin-U                                                                 | NMU       |              |
| Q9BS92    | Protein NipSnap homolog 3B                                                    | NIPSAP3B  |              |
| Q9YM9     | NADH dehydrogenase                                                           | NDUF9     |              |
| Q9HCQ7    | Pro-FMRFamide-related neuropeptide VF                                          | NPVF      |              |
| Q9IV9     | Nostrin                                                                      | NOSTRIN   |              |
| Q9U109    | NADH dehydrogenase                                                           | NDUFA12   |              |
| P56975    | Pro-neuregulin-3, membrane-bound isomform                                     | NRG3      |              |
| Q99591    | Nuclear receptor-interacting protein 2                                        | NRI2P     |              |
| P03923    | NADH-ubiquinone oxidoreductase chain 6                                        | MT-N6D    |              |
| Q63ZY6    | Putative methyltransferase                                                    | NSUN5P2   |              |
| Q6IEZ7    | Olfactory receptor 2T5                                                        | OR2T5     |              |
| Q9UBM4    | Opticin                                                                      | OPTC      |              |
| Q9NH00    | Olfactory receptor 2T4                                                        | OR2T4     |              |
| Q9Y536    | Peptidyl-prolyl cis-trans isomerase A-like 4A                                  | PPIAL4A   |              |
| Q9N349    | Olfactory receptor 2L13                                                       | OR2L13    |              |
| Q9UKS6    | Protein kinase C and casein kinase substrate in neurons protein 3             | PACSIN3   |              |
| Q9QZP0    | Platelet-derived growth factor D                                             | PDGFD     |              |
| Q9Y5H6    | Protocadherin alpha-8                                                         | PCDH8     |              |
| Q9VL58    | Prolyl 3-hydroxylase 2                                                        | P3H2      |              |
| Q15154    | Pericentriolar material 1 protein                                             | PCM1      |              |
| Gene ID  | Description                                                                 |
|---------|------------------------------------------------------------------------------|
| Q7Z4N8  | Prolyl 4-hydroxylase subunit alpha-3                                          |
| Q9BTU6  | Phosphatidylinositol 4-kinase type 2-alpha                                     |
| Q6ZVD8  | PH domain leucine-rich repeat-containing protein phosphatase 2                |
| P01833  | Polymeric immunoglobulin receptor                                             |
| Q76NJ1  | Kinase non-catalytic C-lobe domain-containing protein 1                       |
| Q9Y6N6  | Laminin subunit gamma-3                                                       |
| Q14739  | Delta                                                                        |
| P00709  | Alpha-lactalbumin                                                             |
| O00182  | Galectin-9                                                                    |
| POCW20  | LIM and senescent cell antigen-like-containing domain protein 4               |
| Q8N7C0  | Leucine-rich repeat-containing protein S2                                     |
| O75074  | Low-density lipoprotein receptor-related protein 3                            |
| Q5VT99  | Leucine-rich repeat-containing protein 38                                      |
| Q96KN1  | Protein LRATD2                                                                |
| Q8N9N7  | Leucine-rich repeat-containing protein 57                                      |
| Q8TD94  | Krueppel-like factor 14                                                       |
| O75197  | Low-density lipoprotein receptor-related protein 5                            |
| O00370  | LINE-1 retrotransposable element ORF2 protein                                 |
| A0A0AOMT76 | Immunoglobulin lambda joining 1                                           |
| Q8N2S1  | Latent-transforming growth factor beta-binding protein 4                      |
| Q60449  | Lymphocyte antigen 75                                                        |
| Q9Y5X9  | Endothelial lipase                                                           |
| P59901  | Leukocyte immunoglobulin-like receptor subfamily A member 4                  |
| Q6PSQ4  | Leiomodin-2                                                                   |
| Q8NA19  | Lethal                                                                       |
| Q8N8R3  | Mitochondrial basic amino acids transporter                                  |
| Q9BQO1  | Putative pro-MCH-like protein 2                                               |
| Q14244  | Ennscons                                                                     |
| P42679  | Megakaryocyte-associated tyrosine-protein kinase                              |
| Q99DE9  | Microtubule-associated protein 6                                              |
| A1Z1Q3  | ADP-ribose glycohydrolase MACROD2                                             |
| Q5VT66  | Mitochondrial amidoxime-reducing component 1                                  |
| Q9U55   | MAGE-like protein 2                                                           |
| Q9H8J5  | MANS domain-containing protein 1                                              |
| Q99698  | Lysosomal-trafficking regulator                                               |
| Q5XG99  | LysM and putative peptidoglycan-binding domain-containing protein 4           |
| P43361  | Melanoma-associated antigen 8                                                 |
| P43362  | Melanoma-associated antigen 9                                                 |
| Q9HCC0  | Methylcrotonoyl-CoA carboxylase beta chain, mitochondrial                    |
| Q66K74  | Microtubule-associated protein 1                                              |
| Q95882  | Mitogen-activated protein kinase kinase kinase 6                              |
| A8MYZ0  | Inactive ubiquitin carboxy-terminal hydrolase MINDY-4B                       |
| Q96ER9  | Mitochondrial potassium channel                                               |
| Q8NI19  | Matrix metalloproteinase-21                                                  |
| Accession | Protein Name                                                                 | Gene ID |
|-----------|------------------------------------------------------------------------------|---------|
| Q15759    | Mitogen-activated protein kinase 11                                           | MAPK11  |
| Q98QP7    | Mitochondrial genome maintenance exonuclease 1                              | MGME1   |
| Q62N04    | RNA-binding protein MX3B                                                    | MX3B    |
| Q8TF71    | Monocarboxylate transporter 10                                               | SLC16A10|
| Q6PF18    | MORN repeat-containing protein 3                                             | MORN3   |
| Q70A8     | MOB kinase activator 3C                                                      | MOB3C   |
| P52664    | Dual specificity mitogen-activated protein kinase kinase 6                   | MAP2K6  |
| Q98T17    | Mitochondrial ribosome-associated GTPase 1                                   | MTG1    |
| P21757    | Macrophage scavenger receptor types I and II                                 | MSR1    |
| Q99102    | Mucin-4                                                                      | MUC4    |
| Q60682    | Musculin                                                                     | MSC     |
| Q8N307    | Mucin-20                                                                     | MUC20   |
| PB4157    | Matrix-remodeling-associated protein 7                                       | MXRA7   |
| Q14764    | Major vault protein                                                          | MVP     |
| Q9UB66    | Neurochondrin                                                                | NCDN    |
| Q9Y2K3    | Myosin-1                                                                     | MYH15   |
| P12882    | Myosin-1                                                                     | MYH1    |
| P14598    | Neutrophil cytosol factor 1                                                  | NCF1    |
| O99544    | Natural cytotoxicity triggering receptor 2                                   | NCR2    |
| Q8N4C6    | Ninine                                                                       | NIN     |
| P08590    | Myosin light chain 3                                                         | MYL3    |
| P26717    | NKG2-C type II integral membrane protein                                     | KLRC2   |
| P56181    | NADH dehydrogenase                                                          | NDUFV3  |
| Q9NZG7    | Ninjurin-2                                                                   | NINJ2   |
| O14594    | Neurocan core protein                                                        | NCAN    |
| Q0D2K0    | Magnesium transporter NIP4A                                                  | NIP4A   |
| Q9UBU1    | NADH dehydrogenase                                                          | NDUFA3  |
| Q9P032    | NADH dehydrogenase                                                          | NDUFA4  |
| Q95169    | NADH dehydrogenase                                                           | NDUFB8  |
| O00476    | Sodium-dependent phosphate transport protein 4                               | SLC17A3 |
| P16083    | Ribosydihydronicotinamide dehydrogenase                                      | NQO2    |
| Q04721    | Neurogenic locus notch homolog protein 2                                     | NOTCH2  |
| Q13469    | Nuclear factor of activated T-cells, cytoplasmic 2                           | NFATC2  |
| Q9NZF1    | Placenta-specific gene 8 protein                                             | PLAC8   |
| A0A024R8G1| Diphosphoinositol polyphosphate phosphohydrolase NUDT4B                     | NUDT4B  |
| Q9NP15    | Nicotinamide ribose kinase 2                                                 | NMRK2   |
| O95989    | Diphosphoinositol polyphosphate phosphohydrolase 1                           | NUDT3   |
| Q9Y266    | Nuclear migration protein nudC                                               | NUDC    |
| Q6IEY1    | Olfactory receptor 4F3/4F16/4F29                                             | OR4F3   |
| O14718    | Visual pigment-like receptor peropsin                                        | RRH     |
| Q8NH87    | Olfactory receptor 5K1                                                       | OR5K1   |
| Q8NG4    | Olfactory receptor 4D11                                                      | OR4D11  |
| E2RY7F    | Protein PBMUC12                                                              | HC2G22  |
| Q8N1N4    | Keratin, type II cytoskeletal 78                                             | KRT78   |
| P78411    | Iroquois-class homeodomain protein IRX-5                                      | IRX5    |
| Q99EL1    | PAK4-inhibitor INKA1                                                        | INKA1   |
| Q96FN5    | Kinesin-like protein KIF12                                                   | KIF12   |
| Q9UEF7    | Klotho                                                                       | KL      |
| Q12840    | Kinesin heavy chain isoform 5A                                               | KIF5A   |
| P23919    | Thymidylate kinase                                                           | DTYMK   |
| A4D1S0    | Killer cell lectin-like receptor subfamily G member 2                        | KLRG2   |
| Q1ED39    | Lysine-rich nucleol protein 1                                                | KNOPL   |
| ID    | Description                                      | Gene Symbol |
|-------|--------------------------------------------------|-------------|
| Q03164| Histone-lysine N-methyltransferase 2A             | KMT2A       |
| Q9UGP4| LIM domain-containing protein 1                   | LIMD1       |
| O00214| Galectin-8                                       | LGALS8      |
| Q8N370| Large neutral amino acids transporter small subunit 4 | SLC43A2    |
| Q996X1| Protein lifeguard 3                              | TMBIM1      |
| Q2Q1W2| E3 ubiquitin-protein ligase                      | TRIM71      |
| Q8T1D35| Protein LKAAEAR1                                 | LKAAEAR1    |
| Q0VGL1| Ragulator complex protein LAMTOR4                | LAMTOR4     |
| Q99677| Lysophosphatidic acid receptor 4                 | LPAR4       |
| Q96JB6| Lysyl oxidase homolog 4                          | LOXL4       |
| P16109| P-selectin                                       | SELP        |
| Q5W064| Lipase member J                                  | LIPJ        |
| Q940V9| VIP36-like protein                               | LMAN2L      |
| O0A075B6K| Immunoglobulin lambda variable 3-16             | IGLV3-16    |
| P01718| Immunoglobulin lambda variable 3-27             | IGLV3-27    |
| O0A075B6H| Immunoglobulin lambda variable 4-69           | IGLV4-69    |
| Q13503| Mediator of RNA polymerase II transcription subunit 21 | MED21      |
| Q9UI95| Mitotic spindle assembly checkpoint protein MAD2B | MAD2L2      |
| P27816| Microtubule-associated protein 4                 | MAP4        |
| Q8N5U1| Membrane-spanning 4-domains subfamily A member 15 | MS4A15      |
| Q9HAY2| Melanoma-associated antigen F1                   | MAGEF1      |
| Q14566| DNA replication licensing factor MCM6            | MCM6        |
| Q6ZN01| MEF2-activating motif and SAP domain-containing transcriptional regulator | MAMSTR     |
| Q6ZNC8| Lysophospholipid acyltransferase                 | MBOAT1      |
| O60307| Microtubule-associated serine/threonine-protein kinase 3 | MAST3      |
| Q8N653| Leucine-zipper-like transcriptional regulator 1 | LZTR1       |
| Q8WWY6| Methyl-CpG-binding domain protein 3-like 1       | MBD3L1      |
| P45983| Mitogen-activated protein kinase 8               | MAPK8       |
| P53779| Mitogen-activated protein kinase 10              | MAPK10      |
| Q9BY79| Membrane frizzled-related                       | MFRP        |
| Q8NGV5| Olfactory receptor 13D1                         | OR13D1      |
| O14733| Dual specificity mitogen-activated protein kinase 7 | MAP2K7     |
| Q7Z6M4| Transcription termination factor 4, mitochondrial | MTERF4      |
| Q02817| Mucin-2                                          | MUC2        |
| Q8NEY1| Neuron navigator 1                               | NAV1        |
| Q8N165| Serine/threonine-protein kinase PDIK1L           | PDIK1L      |
| Q9Y2G1| Myelin regulatory factor                         | MYRF        |
| Q14896| Myosin-binding protein C, cardiac-type           | MYBPC3      |
| Q9UL68| Myelin transcription factor 1-like protein       | MYT1L       |
| Q09161| Nuclear cap-binding protein subunit 1            | NCBP1       |
| B4DH59| Neuroblastoma breakpoint family member 26        | NBPF26      |
| P55160| Nck-associated protein 1-like                    | NCKAP1L     |
| Q9Y3T9| Nucleolar complex protein 2 homolog              | NOC2L       |
| Accession | Description | Saccld | Description |
|-----------|-------------|--------|-------------|
| Q7RTR0    | NACHT, LRR and PYD domains-containing protein 9 | NLRP9  |             |
| O15226    | NF-kappa-B-repressing factor | NFKB2  |             |
| Q8NC60    | Nitric oxide-associated protein 1 | NOA1   |             |
| P61580    | Endogenous retrovirus group K member 10 Np9 protein | ERVK-10 |             |
| O60936    | Nucleolar protein 3 | NOL3   |             |
| Q96D46    | 60S ribosomal export protein NMD3 | NMD3   |             |
| E9PQ53    | NADH dehydrogenase | NDUF-C2-KCTD14 |             |
| Q00653    | Nuclear factor NF-kappa-B p100 subunit | NFKB1  |             |
| Q8N130    | Sodium-dependent phosphate transport protein 2C | SLC34A3 |             |
| P69849    | Nodal modulator 3 | NOMO3  |             |
| P13056    | Nuclear receptor subfamily 2 group C member 1 | NR2C1  |             |
| P19838    | Nuclear factor NF-kappa-B p105 subunit | NFKB1  |             |
| Q8TAT6    | Nuclear protein localization protein 4 homolog | NLOC4  |             |
| Q6P3R8    | Serine/threonine-protein kinase Nek5 | NEK5   |             |
| Q99435    | Protein kinase C-binding protein NELL2 | NELL2  |             |
| Q96RB7    | Olfactory receptor 5M11 | OR5M11 |             |
| P1DN77    | Medium-wave-sensitive opsin 2 | OPN1MW2 |             |
| P37198    | Nuclear pore glycoprotein p62 | NUP62  |             |
| A8NMS3    | Olfactory receptor 5K4 | OR5K4  |             |
| Q969Q0    | L-amino-acid oxidase | IL4I1  |             |
| Q14123    | Calcium/calmodulin-dependent 3',5'-cyclic nucleotide phosphodiesterase 1C | PDE1C  |             |
| A0A075B767 | Peptidyl-prolyl cis-trans isomerase A-like 4H | PPIA4H |             |
| Q96RD7    | Pannexin-1 | PANX1  |             |
| Q9UOM7    | Protein-arginine deaminase type-2 | PADI4  |             |
| O76083    | High affinity cGMP-specific 3',5'-cyclic phosphodiesterase 9A | PDE9A  |             |
| O00254    | Proteinase-activated receptor 3 | F2RL2  |             |
| Q8NF37    | Lysophosphatidylcholine acyltransferase 1 | LPCAT1 |             |
| Q8N4S7    | Progestin and adipoQ receptor family member 4 | PAQR4  |             |
| Q9UN67    | Protocadherin beta-10 | PCDHB10 |             |
| P01127    | Platelet-derived growth factor subunit B | PDGFB  |             |
| P48426    | Phosphatidylinositol 5-phosphate 4-kinase type-2 alpha | PIP4K2A |             |
| O60346    | PH domain leucine-rich repeat-containing protein phosphatase 1 | PHLP1  |             |
| Q3MUY2    | Phosphatidylinositol N-acetylglycosaminyltransferase subunit | PIGY   |             |
| Q5T9C9    | Phosphatidylinositol 4-phosphate 5-kinase-like protein 1 | PIP5KL1 |             |
| P50479    | PDZ and LIM domain protein 4 | PDLIM4 |             |
| A2A3N6    | Putative PIP5K1A and PSMD4-like protein | PIPS1  |             |
| P48547    | Potassium voltage-gated channel subfamily C member 1 | KCNC1  |             |
| Q86WU2    | Probable D-lactate dehydrogenase, mitochondrial | LDHD   |             |
| Q50LG9    | Leucine-rich repeat-containing protein 24 | LRRC24 |             |
| P02545    | Prelamin-A/C | LMNA   |             |
| A0A1B0GVX0 | LITAF domain-containing protein | LITAFD |             |
| Accession  | Protein Name                                      | Disease/Function                                      |
|------------|--------------------------------------------------|-------------------------------------------------------|
| A0A075B6K4| Immunoglobulin lambda variable 3-10              | IGLV3-10                                             |
| A0A0A0MS00| Probable non-functional immunoglobulin lambda variable 3-32 | IGLV3-32                                             |
| Q9BV36    | Melanophillin                                    | MLPH                                                 |
| Q6ZN28    | Metastasis-associated in colon cancer protein 1  | MACC1                                                |
| Q9NU22    | Midasin                                           | MDN1                                                 |
| P23490    | Loricrin                                          | LORICRIN                                             |
| Q9H6Y5    | PDZ domain-containing protein                     | MAGIX                                                |
| Q9BV79    | Enoyl-                                           | MECR                                                 |
| Q9UDY8    | Mucosa-associated lymphoid tissue lymphoma translocation protein 1 | MALT1                                                |
| P02586    | Myelin basic protein                             | MBP                                                  |
| Q9BW11    | Max dimerization protein 3                        | MXD3                                                 |
| Q96GV9    | Macrophage immunometabolism regulator            | MACIR                                                |
| Q12866    | Tyrosine-protein kinase Mer                       | MERTK                                                |
| Q9NP1     | McKusick-Kaufman/Bardet-Biedl syndromes putative chaperonin | MKKS                                                |
| Q96I2Z    | tRNA N                                           | METTL2A                                              |
| Q8IA7     | Homeobox protein Mohawk                          | MKX                                                  |
| P0D170    | Myoregulin                                       | MRLN                                                 |
| Q94B51    |                                                   |                                                      |
| P14174    | Macrophage migration inhibitory factor            | MIF                                                  |
| Q9H3H1    | tRNA dimethylallyltransferase                     | TRT1                                                 |
| Q9GZ8W    | Membrane-spanning 4-domains subfamily A member 7 | MS4A7                                                |
| Q2KHM9    | Protein moonraker                                 | KIAA0753                                             |
| Q9UDX5    | Mitochondrial fission process protein 1          | MTFP1                                                |
| P47224    | Guanine nucleotide exchange factor MSS4          | RABIF                                                |
| Q9NYA4    | Myotubulin-related protein 4                      | MTMR4                                                |
| Q96E22    | Dehydrodolichyl diphosphate synthase complex subunit NUS1 | NUS1                                                |
| Q8KW3C    | GATOR complex protein NPSL2                      | NPSL2                                                |
| Q8NE9     | Neuroguidin                                       | NGDN                                                 |
| P17568    | NADH dehydrogenase                               | NDUFB7                                               |
| Q95178    | NADH dehydrogenase                               | NDUFB2                                               |
| P61916    | NPC intracellular cholesterol transporter 2       | NPC2                                                 |
| Q96T66    | Nicotinamide/nicotinic acid mononucleotide adenyllytransferase 3 | NMNAT3                                              |
| Q9Y697    | Cysteine desulfurase, mitochondrial               | NFS1                                                 |
| Q96WQ0    | Nuclear receptor 2C2-associated protein           | NR2C2AP                                              |
| Q6NW34    | Nucleolus and neural progenitor                   | NEPRO                                                |
| Q5QS0     | Neurite extension and migration factor            | NEXMIF                                               |
| Q96Y6Y0   | Influenza virus NS1A-binding protein              | IVNS1ABP                                             |
| O15239    | NADH dehydrogenase                               | NDUFA1                                               |
| Q92597    | Protein NDRG1                                    | NDRG1                                                |
| P53384 | Cytosolic Fe-S cluster assembly factor NUBP1 | NUBP1 |
| Q9Y5A7 | NEDD8 ultimate buster 1 | NUB1 |
| P19338 | Nucleolin | NCL |
| P49757 | Protein numb homolog | NUMB |
| Q08NG8 | Putative olfactory receptor 4A4 | OR4A4P |
| Q95007 | Olfactory receptor 6B1 | OR6B1 |
| Q2M2E3 | Outer dense fiber protein 4 | ODF4 |
| P47881 | Olfactory receptor 3A1 | OR3A1 |
| P04629 | High affinity nerve growth factor receptor | NTRK1 |
| P54368 | Ornithine decarboxylase antizyme 1 | OAZ1 |
| Q9H488 | GDP-fucose protein O-fucosyltransferase 1 | POFT1 |
| Q6NH61 | Olfactory receptor 10G6 | OR10G6 |
| A8NCV1 | Olfactory receptor 6C74 | OR6C74 |
| Q08NGX | Olfactory receptor 2T34 | OR2T34 |
| P0C629 | Olfactory receptor 10J4 | OR10J4 |
| Q08NGN5 | Olfactory receptor 10G8 | OR10G8 |
| A6NDH6 | Olfactory receptor 5H15 | OR5H15 |
| Q9H430 | Olfactory receptor 51B6 | OR51B6 |
| Q08NG9 | Olfactory receptor 51T1 | OR51T1 |
| Q08NGC9 | Olfactory receptor 11H4 | OR11H4 |
| Q08NGC7 | Olfactory receptor 11H6 | OR11H6 |
| Q09NP0 | Oligosaccharyltransferase complex subunit OSTC | OSTC |
| Q9Y3B8 | Oligoribonuclease, mitochondrial | REXO2 |
| Q955G3 | Protocadherin gamma-B1 | PCDHG8 |
| Q955G6 | Protocadherin gamma-CB8 | PCDHG8 |
| Q08NHG9 | Olfactory receptor 4X1 | OR4X1 |
| Q08NG0 | Protocadherin gamma-B5 | PCDHG8 |
| P11940 | Polyadenylate-binding protein 1 | PABPC1 |
| Q9H4K7 | ATPase PAAT | PAAT |
| Q98TK6 | PAXIP1-associated glutamate-rich protein 1 | PAGR1 |
| Q96R04 | Protease-activated receptor 4 | F2RL3 |
| Q98R04 | Protease-activated ATPase-associated factor 1 | PAAF1 |
| Q13153 | Serine/threonine-protein kinase PAK 1 | PAK1 |
| Q9NT15 | Sister chromatid cohesion protein PDS5 homolog B | PDS5B |
| Q00398 | Putative P2Y purinoceptor 10 | P2RY10 |
| Q9Y5S3 | Protocadherin beta-6 | PCDHG6 |
| Q6VIP9 | Protocadherin-23 | DCHS2 |
| P0C8F1 | Prostate and testis expressed protein 4 | PATE4 |
| Q09NUP9 | Protein lin-7 homolog C | LIN7C |
| Q7Z7J7 | LHFPL tetraspan subfamily member 4 protein | LHFPL4 |
| A0A0A0MRZ8 | Immunoglobulin kappa variable 3D-11 | IGKV3D-11 |
| Q03261 | Leukemia-associated protein 1 | DLEU1 |
| Q5TA82 | Late cornified envelope protein | LCE2D |
| Q98T23 | LIM domain–containing protein 2 | LIMD2 |
| P56205 | Epididymal–specific lipocalin-6 | LCN6 |
| Q9S214 | Leptin receptor overlapping transcript-like 1 | LEPROT1 |
| Q5XK0P | MICOS complex subunit MIC13 | MICOS13 |
| P35240 | Merlin | NF2 |
| Q5XK02 | Methyltransferase-like protein 24 | METTL24 |
| P68493 | Matrix Glu protein | MGP |
| P55111 | Matrix metalloproteinase-15 | MMP15 |
| Q8NAOQ1 | Mitochondrial intermembrane space import and assembly protein 40 | CHCHD4 |
| Q7L4E1 | Mitoguardin 2 | MIGA2 |
| Accession | Description | Short Name |
|-----------|-------------|------------|
| Q09328 | Alpha-1,6-mannosylglycoprotein 6-beta-N-acetylgalactosaminyltransferase A | MGAT5 |
| Q86V88 | Magnesium-dependent phosphatase 1 | MDP1 |
| P22894 | Neutrophil collagenase | MMP8 |
| Q08WA4 | Mitofusin-1 | MFN1 |
| P52701 | DNA mismatch repair protein Msh6 | MSH6 |
| Q3SYC2 | 2-acetylgluceral O-acyltransferase 2 | MOGAT2 |
| Q13724 | Mannosyl-oligosaccharide glucosidase | MOGS |
| P02795 | Metallothionein-2 | MT2A |
| Q765P7 | Protein MTSS 2 | MTSS2 |
| Q8WU8Y | N-acetyltransferase 14 | NAT14 |
| P59047 | NACHT, LRR and PYD domains-containing protein 5 | NLRP5 |
| A0A180GUCA4 | Myocilin opposite strand protein | MYOCOS |
| Q09GZ2 | N-alpha-acetyltransferase 50 | NAAT50 |
| O14974 | Protein phosphatase 1 regulatory subunit 12A | PP1R12A |
| Q8TD0C | Myozenin-3 | MYOZ3 |
| P28698 | Myeloid zinc finger 1 | MZF1 |
| Q9HD90 | Neurogenic differentiation factor | NEUROD4 |
| Q9HC58 | Sodium/potassium/calcium exchanger 3 | SLC24A3 |
| Q9UCQ1 | Aminopeptidase NAALADL1 | NAALADL1 |
| Q8NF2 | Sodium/potassium/calcium exchanger 4 | SLC24A4 |
| P15173 | Myogenin | MYOG |
| P16519 | Neuroendocrine convertase 2 | PCSK2 |
| Q9UF0N | Protein NipSnap homolog 3A | NIPSNAP3A |
| F8W0I5 | Nuclear pore complex-interacting protein family member B12 | NIPPB12 |
| Q76FK4 | Nucleolar protein 8 | NOL8 |
| Q15063 | Periostin | POSTN |
| P28331 | NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial | NDUF51 |
| P01178 | Oxytocin-neurophysin 1 | OXT |
| Q9Uh84 | NADPH-dependent diflavin oxidoreductase 1 | NDOR1 |
| Q9H9O3 | NUKA family SNF1-like kinase 2 | NUK2 |
| Q9S299 | NADH dehydrogenase | NDUF510 |
| P18615 | Negative elongation factor E | NELFE |
| P62136 | Serine/threonine-protein phosphatase PP1-alpha catalytic subunit | PP1CA |
| P12273 | Prolactin-inducible protein | PIP |
| Q8TB37 | Iron-sulfur protein NUBPL | NUBPL |
| P62140 | Serine/threonine-protein phosphatase PP1-beta catalytic subunit | PP1CB |
| Q9HD00 | Phospholipase A and acyltransferase 1 | PLAAT1 |
| Q9NV35 | Nucleotide triphosphate diphosphatase NUDT15 | NUDT15 |
| Q8IVD9 | NudC domain-containing protein 3 | NUDC3D |
| Q5VT03 | NUT family member 1 | NUTM1 |
| Q8NG97 | Olfactory receptor 2Z1 | OR2Z1 |
| Q68BL8 | Olfactory receptor 2B | OR2B |
| Q96CM4 | Olfactory receptor 2A | OR2A |
| Q9NV35 | Nucleotide triphosphate diphosphatase NUDT15 | NUDT15 |
| Q9GP5B | GDP-fucose protein O-fucosyltransferase 2 | POFTU2 |
| Q9S517 | Neurexophilin-3 | NXPH3 |
| Q8NG03 | Olfactory receptor 5Z1 | OR5Z1 |
| Q8NG03 | Olfactory receptor 5Z1 | OR5Z1 |
| Accession | Description |
|-----------|-------------|
| Q9BY11    | Protein kinase C and casein kinase substrate in neurons protein 1 |
| Q9NZ42    | Gamma-secretase subunit PEN-2 |
| Q6UY27    | Prostate and testis expressed protein 2 |
| Q15102    | Platelet-activating factor acetylhydrolase IB subunit alpha1 |
| Q9P1Y6    | PHD and RING finger domain-containing protein 1 |
| O14986    | Phosphatidylinositol 4-phosphate 5-kinase type-1 beta |
| Q9HCN3    | Post-GPI attachment to proteins factor 6 |
| Q9BQS5    | Heat shock protein beta-9 |
| A0A0AUMS15| Immunoglobulin heavy variable 3-49 |
| O75690    | Keratin-associated protein 5-8 |
| A8MVJ9    | Putative histone PARylation factor 1-like |
| Q9GZV7    | Hyaluronan and proteoglycan link protein 2 |
| Q6UJD1    | Histidine-rich carboxyl terminus protein 1 |
| Q96L6     | Heat shock transcription factor, Y-linked |
| P01899    | HLA class I histocompatibility antigen, B alpha chain |
| P29218    | Inositol monophosphatase 1 |
| Q8TDY8    | Immunoglobulin superfamily DCC subclass member 4 |
| Q96G21    | U3 small nuclear ribonucleoprotein protein IMP4 |
| Q04637    | Eukaryotic translation initiation factor 4 gamma 1 |
| Q6UX52    | Protein IL-40 |
| Q659A1    | Little elongation complex subunit 2 |
| P05112    | Inteukin-4 |
| P54105    | Methylsomesubunit pICln |
| P38570    | Integrin alpha-E |
| P04264    | Keratin, type II cytoskeletal 1 |
| Q6N201    | Integrator complex subunit 1 |
| Q9Y5U9    | Immediate early response 3-interacting protein 1 |
| Q15323    | Keratin, type I cuticular Ha1 |
| Q14624    | Inter-alpha-trypsin inhibitor heavy chain H4 |
| P41238    | Protein phosphatase inhibitor 2 |
| Q8W81     | Inositol 1,4,5-trisphosphate receptor-interacting protein |
| Q6NXS1    | Protein phosphatase inhibitor 2 family member B |
| Q8I0U7    | Interferon lambda receptor 1 |
| Q96T55    | Potassium channel subfamily K member 16 |
| P11801    | Serine/threonine-protein kinase H1 |
| P0C5Y4    | Keratin-associated protein 1-4 |
| Q14533    | Keratin, type II cuticular Hb1 |
| A8MUX0    | Keratin-associated protein 16-1 |
| P07288    | Prostate-specific antigen |
| Q8NEL1    | Keratinocyte-associated protein 2 |
| Q07627    | Keratin-associated protein 1-1 |
| Q92953    | Potassium voltage-gated channel subfamily B member 2 |
| P46020    | Phosphorylase b kinase regulatory subunit alpha, skeletal muscle isoform |
| Q75690    | Keratin-associated protein 5-8 |
| Accession | Description                                                                 | Protein ID |
|-----------|------------------------------------------------------------------------------|------------|
| O94806    | Serine/threonine-protein kinase D3                                            | PRKD3      |
| Q16719    | Kynureninase                                                                  | KYNU       |
| Q9H2C1    | Lim/homeobox protein Lhx5                                                     | LHX5       |
| Q938H2    | Endoribonuclease LACTB2                                                       | LACTB2     |
| Q96FE5    | Leucine-rich repeat and immunoglobulin-like domain-containing nogo receptor-interacting protein 1 | LINGO1     |
| Q75112    | Lim domain-binding protein 3                                                  | LDB3       |
| Q496Y0    | LON peptidase N-terminal domain and RING finger protein 3                     | LONRF3     |
| Q8N543    | Leucine repeat adapter protein 25                                              | FAM89B     |
| Q9UHA4    | Regulator complex protein LAMTOR3                                              | LAMTOR3    |
| Q8IV2     | Lipoxigenase homology domain-containing protein 1                             | LOXHD1     |
| Q5VUJ6    | Leucine-rich repeat and calponin homology domain-containing protein 2         | LRCH2      |
| Q6UWN5    | Ly6/PLAUR domain-containing protein 5                                          | LYPD5      |
| Q9NTJ4    | Alpha-mannosidase 2C1                                                         | MAN2C1     |
| P01720    | Immunoglobulin lambda variable 6-57                                           | IGLV6-57   |
| O60336    | Mitogen-activated protein kinase-binding protein 1                            | MAPKBP1    |
| Q9BTE3    | Mini-chromosome maintenance complex-binding protein                           | MCMBP      |
| Q96PG1    | Putative membrane-spanning 4-domains subfamily A member 4E                   | MS4A4E     |
| Q5VS8G    | Glycoprotein endo-alpha-1,2-mannosidase-like protein                          | MANEAL     |
| Q8NHZ7    | Methyl-CpG-binding domain protein 3- like 2                                   | MBD3L2     |
| Q6P0N0    | Mis18-binding protein 1                                                       | MIS18BP1   |
| Q8N5G2    | Macolin                                                                      | MACO1      |
| P43363    | Melanoma-associated antigen 10                                                | MAGEA10    |
| P43364    | Melanoma-associated antigen 11                                                | MAGEA11    |
| A8MXT2    | Melanoma-associated antigen B1                                                | MAGEB17    |
| Q9H3LD    | Globulin trafficking protein                                                   | MMADHC     |
| Q8N3F8    | MICAL-like protein 1                                                          | MICALL1    |
| A6NG13    | Alpha-1,3-mannosyl-glycoprotein 4-beta-N-acetylglucosaminyltransferase-like protein MGAT4D | MGAT4D     |
| Q02252    | Methylmalonate-semialdehyde dehydrogenase                                    | ALDH6A1    |
| Q9NYZ2    | Mitoferrin-1                                                                 | SLC25A37   |
| Q14CX5    | Transmembrane protein 180                                                     | MFSD13A    |
| Q14168    | MAGUK p55 subfamily member 2                                                  | MPP2       |
| P10515    | Dihydrolipoiclysine-residue acetyltransferase component of pyruvate dehydrogenase complex mitochondrial | DLAT       |
| Q9NUU6    | Inactive ubiquitin thioesterase OTULINL                                       | OTULINL    |
| P29728    | 2′-5′-oligoadenylate synthase 2                                               | OAS2       |
| Q6IEV9    | Olfactory receptor 4C11                                                       | OR4C11     |
| Q9BVU2    | Nucleoporin p58/p45                                                           | NUP58      |
| Q15116    | Programmed cell death protein 1                                               | PDCD1      |
| Q14943    | Killer cell immunoglobulin-like receptor 3DS1                                | KIR3DS1    |
| A0A0B4J1Z 2 | Immunoglobulin kappa variable 1D-43                                         | IGKV1D-43  |
| Q86VI4    | Lysosomal-associated transmembrane protein 4B                                 | LAPT4MB    |
| Accession  | Gene Name                                      | Description                                      |
|------------|-----------------------------------------------|--------------------------------------------------|
| Q8N145     | Leucine-rich repeat LGI family member 3       | LGI3                                             |
| Q6JVE6     | Epididymal-specific lipocalin-10              | LCN10                                            |
| Q9HC24     | Protein lifeguard 4                           | TM8BIM4                                          |
| Q9H9A6     | Leucine-rich repeat-containing protein 40     | LRRC40                                           |
| Q96I18     | DISP complex protein LRCH3                   | LRCH3                                            |
| Q16873     | Leukotriene C4 synthase                       | LTC4S                                            |
| A6NW4      | Leucine-rich repeat-containing protein 3C     | LRRC3C                                           |
| Q94822     | E3 ubiquitin-protein ligase listerin          | LTN1                                             |
| O75022     | Leukocyte immunoglobulin-like receptor subfamily B member 3 | LILRB3                                         |
| A0A0758669 | Immunoglobulin lambda variable 2-18           | IGLV2-18                                         |
| Q96G25     | Mediator of RNA polymerase II transcription subunit 8 | MED8                                          |
| A0A0758666 | Immunoglobulin lambda variable 4-3            | IGLV4-3                                          |
| A0A0758661 | Immunoglobulin lambda variable 4-60           | IGLV4-60                                         |
| Q9P2G4     | Microtubule-associated protein                | MAP10                                            |
| Q8N8E1     | Putative uncharacterized protein encoded by MAPKAP5-AS1 | MAPKAP5-AS1                                    |
| Q8TC05     | Nuclear protein MDM1                          | MDM1                                             |
| Q9Y2U5     | Mitogen-activated protein kinase kinase 2     | MAP3K2                                           |
| Q96EZ8     | Microspherule protein 1                       | MCRS1                                            |
| O60337     | E3 ubiquitin-protein ligase                   | MARCHF6                                          |
| Q8TD90     | Melanoma-associated antigen E2                | MAGEE2                                           |
| Q9PON8     | E3 ubiquitin-protein ligase                   | MARCHF2                                          |
| P40926     | Malate dehydrogenase, mitochondrial           | MDH2                                             |
| P32245     | Melanocortin receptor 4                       | MC4R                                             |
| Q9Y250     | Leucine zipper putative tumor suppressor 1    | LZTS1                                            |
| Q723D4     | LysM and putative peptidoglycan-binding domain-containing protein 3 | LYSMD3                                         |
| P59773     | Major intrinsically disordered NOTCH2-binding receptor 1-like | MINAR2                                         |
| Q9UHC1     | DNA mismatch repair protein                   | MLH3                                             |
| Q75425     | Motile sperm domain-containing protein 3      | MOSPD3                                           |
| Q75081     | Protein CBFA2T3                               | CBFA2T3                                          |
| Q96GX9     | Methylthioribulose-1-phosphate dehydratase    | APIP                                             |
| Q06455     | Protein CBFA2T1                               | RUNX1T1                                          |
| Q93083     | Metallothionein-1L                            | MT1L                                             |
| P11137     | Microtubule-associated protein 2              | MAP2                                             |
| P58546     | Myotrophin                                    | MTPN                                             |
| Q9HC84     | Mucin-B                                       | MUC5B                                            |
| Q147X3     | N-alpha-acetyltransferase 30                  | NAA30                                            |
| Q99972     | Myocin                                        | MYOC                                             |
| P54296     | Myomesin-2                                    | MYOM2                                            |
| Q9U8F9     | Myotitin                                      | MYOT                                             |
| Q14686     | Nuclear receptor coactivator 6                | NCOA6                                            |
| Q9Y26      | Ninein-like protein                           | NINL                                             |
| P25208     | Nuclear transcription factor Y subunit beta   | NFYB                                             |
| Q8WTT2     | Nucleolar complex protein 3 subhomolog        | NOC3L                                            |
| Q9NNX2     | Notchless protein homolog 1                   | NLE1                                             |
| Q8N0W4     | Neurologin-4, X-linked                        | NLGN4X                                           |
| Q9HAN9     | Nicotinamide/nicotinic acid mononucleotide adenyltransferase 1 | NMNAT1                                         |
| Accession | Description                                                                                         | Gene Symbol |
|-----------|------------------------------------------------------------------------------------------------------|-------------|
| Q13224    | Glutamate receptor ionotropic, NMDA 2B                                                               | GRIN2B      |
| Q96NT1    | Nucleosome assembly protein 1-like 5                                                                  | NAP1L5      |
| P29475    | Nitric oxide synthase, brain                                                                       | NOS1        |
| Q9GZQ4    | Neuromedin-U receptor 2                                                                            | NMUR2       |
| A6NUJ9    | Nuclear pore complex-interacting protein family member B13                                           | NPPB13      |
| Q98ZQ8    | Protein Niban 1                                                                                    | NIBAN1      |
| Q5T2W1    | Na                                                                                                  | PDZK1       |
| Q15233    | Non-POU domain-containing octamer-binding protein                                                    | NONO        |
| Q92542    | Nicastrin                                                                                            | NCSTN       |
| Q43674    | NADH dehydrogenase                                                                                  | NDUFB5      |
| Q9Y6K5    | 2-5-oligoadenylate synthase 3                                                                       | OAS3        |
| Q8NGU4    | Putative olfactory receptor 21                                                                       | OR21P       |
| Q96AB6    | Protein N-terminal asparagine amidohydrolase                                                         | NTAN1       |
| Q9UN70    | Protocadherin gamma-C                                                                               | PCDHGC3     |
| Q9NY56    | Odorant-binding protein 2a                                                                           | OBP2A       |
| Q9Y5H3    | Protocadherin gamma-A10                                                                             | PCDHGA10    |
| Q9NX31    | Oxidative stress-responsive serine-rich protein 1                                                    | OSER1       |
| Q9Y5H1    | Protocadherin gamma-A2                                                                             | PCDHGA2     |
| Q13370    | cGMP-inhibited 3',5'-cyclic phosphodiesterase B                                                        | PDE3B       |
| P35232    | Prohibitin                                                                                           | PHB         |
| Q8WUJ8    | PHD finger protein 10                                                                                 | PHF10       |
| Q9UFP1    | Histone lysine demethylase PHF8                                                                       | PHF8        |
| Q9UK9     | POU domain, class 2, transcription factor 3                                                           | POU2F3      |
| Q9NQK1    | N-lysine methyltransferase                                                                            | KMT5A       |
| Q96M8U     | Kremen protein 1                                                                                    | KREME1      |
| Q9UJU2    | Lymphoid enhancer-binding factor 1                                                                  | LEF1        |
| A0A075659  | Probable non-functional immunoglobulin kappa variable 1-37                                           | IGKV1-37    |
| Q4G0J3    | La-related protein 7                                                                                 | LARP7       |
| P42702    | Leukemia inhibitory factor receptor                                                                  | LIFR        |
| Q7Z417    | LIM and senescent cell antigen-like-containing domain protein 2                                       | LIMS2       |
| P48059    | LIM and senescent cell antigen-like-containing domain protein 1                                       | LIMS1       |
| Q8NES3    | Beta-1,3-N-acetylgulosaminyltransferase lunatic fringe                                                | LFNG        |
| Q8MH63    | Putative L-type amino acid transporter 1-like protein MLAS                                             | SLC7A5P1    |
| Q2VP9     | Leucine-rich repeat-containing protein 75B                                                             | LRRRC75B    |
| Q9BQK8    | Phosphatidate phosphatase                                                                             | LPIN3       |
| A0A1B0GT  | Leishmanolysin-like peptidase 2                                                                       | LMLN2       |
| P10253    | Lysosomal alpha-glucosidase                                                                           | GAA         |
| P01699    | Immunoglobulin lambda variable 1-44                                                                   | IGLV1-44    |
| P08235    | Mineralocorticoid receptor                                                                           | NR3C2       |
| A8KOS8    | Putative homeobox protein Meis3-like 2                                                                | MEIS3P2     |
| Q9Y2Q5    | Regulator complex protein LAMTOR2                                                                    | LAMTOR2     |
| Q9NL72    | Mitogen-activated protein kinase kinase 20                                                             | MAP3K20     |
| Q8NA82    | Probable E3 ubiquitin-protein ligase MARCHF10                                                         | MARCHF10    |
| Q9NR56    | Muscleblind-like protein 1                                                                           | MBNL1       |
| Accession | Description |
|-----------|-------------|
| Q96QZ7    | Membrane-associated guanylate kinase, WW and PDZ domain-containing protein 1 |
| P20794    | Serine/threonine-protein kinase MAK |
| Q9UB85    | Methyl-CpG-binding domain protein 2 |
| Q96A59    | MARVEL domain-containing protein 3 |
| Q86XA0    | Methyltransferase-like protein 23 |
| P19105    | Myosin regulatory light chain 12A |
| Q502X0    | MORN repeat-containing protein 2 |
| O15091    | Mitochondrial ribonuclease P catalytic subunit |
| Q5HY17    | Metaxin-3 |
| P59045    | NACHT, LRR and PYD domains-containing protein 11 |
| Q8N8M0    | Probable N-acetyltransferase 16 |
| A0A1B0GTQ4 | Protein myomixer |
| P01106    | Myc proto-oncogene protein MYC |
| Q5TBK1    | NEDD4-binding protein 2-like 1 |
| O75414    | Nucleoside diphosphate kinase 6 |
| Q12965    | Unconventional myosin-le |
| Q9H6N6    | Putative uncharacterized protein MYH16 |
| P0DPF2    | Neuroblastoma breakpoint family member 20 |
| Q9BUA6    | Myosin regulatory light chain 10 |
| Q9UKX2    | Myosin-2 |
| Q5T1S8    | Noncompact myelin-associated protein |
| Q8IY84    | Serine/threonine-protein kinase NIM1 |
| P20929    | Nebulin |
| Q9H841    | NIPA-like protein 2 |
| P55769    | NHP2-like protein 1 |
| Q99742    | Neuronal PAS domain-containing protein 1 |
| P29474    | Nitric oxide synthase, endothelial |
| Q9NQX5    | Neural proliferation differentiation and control protein 1 |
| Q14596    | Next to BRCA1 gene 1 protein |
| Q9NPE3    | H/ACA ribonucleoprotein complex subunit 3 |
| O15130    | Pro-FMRFamide-related neuropeptide FF |
| Q8NFW8    | N-acyleuramine cytidylyltransferase |
| O00482    | Nuclear receptor subfamily 5 group A member 2 |
| Q9UQ49    | Sialidase-3 |
| O00634    | Netrin-3 |
| Q9HB63    | Netrin-4 |
| P51955    | Serine/threonine-protein kinase Nek2 |
| Q58040    | Neurexin-1-beta |
| P03901    | NADH-ubiquinone oxidoreductase chain 4L |
| Q8NNG63   | Olfactory receptor 5T3 |
| P13725    | Oncostatin-M |
| Q9UL1     | NACHT and WD repeat domain-containing protein 2 |
| P58182    | Olfactory receptor 12D2 |
| Q8NH59    | Olfactory receptor 51Q1 |
| Q9Y5G1    | Protocadherin gamma-B3 |
| Q9ULW8    | Protein-arginine deiminase type-PAD13 |
| P56589    | Peroxisomal biogenesis factor 3 |
| Accession | Protein Name                                      | EC Number |
|-----------|--------------------------------------------------|-----------|
| Q15126    | Phosphomevalonate kinase                         | PMVK      |
| Q7Z3K3    | Pogo transposable element with ZNF domain       | POGZ      |
| Q9BZG2    | Testicular acid phosphatase                      | ACP4      |
| O14730    | Serine/threonine-protein kinase RIO3             | RIOK3     |
| Q6DK1     | 60S ribosomal protein L7-like 1                  | RPL7L1    |
| Q9NWU5    | 39S ribosomal protein L22, mitochondrial         | MRPL22    |
| P24928    | DNA-directed RNA polymerase II subunit RPB1      | POLR2A    |
| O43567    | E3 ubiquitin-protein ligase RNF13                | RNF13     |
| O75818    | Ribonuclease P protein subunit p40               | RPP40     |
| P62979    | Ubiquitin-40S ribosomal protein S27a             | RPS27A    |
| Q60499    | Syntaxin-10                                      | STX10     |
| Q14247    | Src substrate cortactin                         | CTTN      |
| O15056    | Synaptojanin-2                                   | SYNJ2     |
| Q96GW9    | Methionine---tRNA ligase, mitochondrial          | MARS2     |
| Q8N5T2    | TBC1 domain family member 19                    | TBC1D19   |
| P04350    | Tubulin beta-4A chain                            | TUBB4A    |
| Q0II8M    | TBC1 domain family member 88                    | TBC1D8B   |
| Q15545    | Transcription initiation factor TFIID subunit 7  | TAF7      |
| Q51011    | KICSTOR complex protein SZT2                    | SZT2      |
| Q9UJP7    | TBC1 domain family member 28                    | TBC1D28   |
| Q9NYV7    | Taste receptor type 2 member 16                 | TAS2R16   |
| D6RBQ6    | Ubiquitin carboxyl-terminal hydrolase 17-like protein 17 | USP17L17 |
| P98155    | Very low-density lipoprotein receptor            | VLDLR     |
| Q9H347    | Ubiquitin-3                                      | UBQLN3    |
| P45880    | Voltage-dependent anion-selective channel protein 2 | VDAC2    |
| Q0P140    | Putative uncharacterized protein                 | HSD52     |
| A8MTW9    | Putative uncharacterized protein ENSP00000380674 |          |
| Q6ZVU0    | Putative uncharacterized protein FLJ42102       |          |
| Q8N5A5    | Zinc finger CCCH-type with G patch domain--containing protein | ZGPAT     |
| A8MW6P    | Uncharacterized protein ENSP00000382042         |          |
| Q9Y6Q3    | Zinc finger protein 37 homolog                  | ZFP37     |
| A8MT70    | Zinc finger B-box domain--containing protein 1   | ZBBX      |
| Q9H869    | YY1-associated protein 1                        | YY1AP1    |
| Q8N8Y5    | Zinc finger protein 41 homolog                  | ZFP41     |
| Q3KNS6    | Zinc finger protein 829                         | ZNF829    |
| Q72570    | Zinc finger protein 804A                        | ZNF804A   |
| P17024    | Zinc finger protein 20                          | ZNF20     |
| A6NL1     | Zinc finger and SCAN domain--containing protein 5B | ZSCAN5B   |
| A43257    | Zinc finger HIT domain--containing protein 1     | ZNHIT1    |
| Q96C00    | Zinc finger and BTB domain--containing protein 9 | ZBtb9     |
| Q9UG80    | Ubiquitin thioesterase ZRANB1                   | ZRANB1    |
| Q96SE7    | Zinc finger protein 347                         | ZNF347    |
| Q96IQ9    | Zinc finger protein 414                         | ZNF414    |
| Q96K83    | Zinc finger protein 521                         | ZNF521    |
| Q81D17    | Zinc finger protein 399                         | ZNF398    |
| Q9NX65    | Zinc finger and SCAN domain--containing protein 32 | ZSCAN32   |
| Q9H707    | Zinc finger protein 552                         | ZNF552    |
| Q8YX0     | Zinc finger protein 679                         | ZNF679    |
| Accession  | Protein Name                                      | Description                                      |
|------------|--------------------------------------------------|--------------------------------------------------|
| O14863     | Zinc transporter 4                               | SLC30A4                                          |
| Q96JF6     | Zinc finger protein 594                          | ZNF594                                          |
| O43670     | BUB3-interacting and GLEBS motif-containing protein ZNF207 | ZNF207                                      |
| Q6ZMS7     | Protein ZNF783                                   | ZNF783                                          |
| O9H0M5     | Zinc finger protein 700                          | ZNF700                                          |
| Q9NVG8     | TBC1 domain family member 13                     | TBC1D13                                         |
| Q9BXJ8     | Ion channel TACAN                                | TMEM120A                                        |
| Q9UHQ7     | Transcription elongation factor A protein-like 9 | TCEAL9                                          |
| Q4VX76     | Synaptotagmin-like protein 3                     | SYT3                                            |
| Q96DA6     | Mitochondrial import inner membrane translocase subunit TIM14 | DNAJC19                                      |
| Q8IUH1     | Complex I assembly factor TMEM126B, mitochondrial | TMEM126B                                       |
| Q9NNUJ3    | T-complex protein 11-like protein 1              | TCP11L1                                         |
| Q9H9Z2     | Synaptotagmin-4                                  | SYT4                                            |
| Q9BH0S2    | Synaptotagmin-15                                 | SYT15                                           |
| Q16473     | Putative tenasin-XA                              | TNXA                                            |
| P13984     | General transcription factor IIF subunit 2       | GTF2F2                                         |
| Q8TB96     | T-cell immunomodulatory protein                  | ITFG1                                           |
| Q9BRJ7     | Tudor-interacting repair regulator protein       | NUDT16L1                                        |
| Q96A09     | Terminal nucleotidytransferase 5B                | TENT5B                                          |
| Q9Y5L4     | Mitochondrial import inner membrane translocase subunit Tim13 | TIMM13                                      |
| Q8WY91     | Peroxynitrite isomerase THAP4                    | THAP4                                           |
| Q8HR07     | Telomere repeats-binding bouquet formation protein 2 | TERB2                                          |
| Q8WUY1     | Protein THEM6                                   | THEM6                                           |
| A6NFA1     | Metalloprotease Tik2                             | TRABD2B                                         |
| Q3LX3A     | Triokinase/FMN cyclase                           | TKFC                                            |
| Q9H0J9     | Transketolase-like protein 2                     | TKTL2                                           |
| O15482     | Testis-specific protein TEX28                   | TEX28                                           |
| Q8IZJ6     | Inactive L-threonine 3-dehydrogenase, mitochondrial | TDH                                           |
| Q96B21     | Transmembrane protein 45B                        | TMEM45B                                         |
| Q8J511     | Transmembrane protein 199                        | TMEM199                                         |
| Q8IC26     | Transmembrane protein 183                       | TMEM183                                         |
| O15321     | Transmembrane 9 superfamily member 1            | TM9SF1                                          |
| P08582     | Melanotransferrin                               | MELTF                                           |
| Q9JUP04    | E3 ubiquitin-protein ligase                      | TRIM35                                          |
| Q9NZR1     | Tropomodulin-2                                  | TMOD2                                           |
| Q93096     | Protein tyrosine phosphatase type IVA 1          | PTP4A1                                          |
| P28289     | Tropomodulin-1                                  | TMOD1                                           |
| Q8WR1      | Tripartite motif-containing protein 59           | TRIM59                                          |
| P0DKB5     | Trophoblast glycoprotein-like                    | TPBGL                                           |
| Q86WT1     | Tetratricopeptide repeat protein 30A             | TTC30A                                          |
| Q13114     | TNF receptor-associated factor 3                | TRAF3                                           |
| Q8NG68     | Tubulin--tyrosine ligase                         | TIL                                             |
| Q5VSY8     | Terminal uridylytransferase 7                    | TUT7                                            |
| A0A0B4J27  | T cell receptor alpha variable 21               | TRAV21                                          |
| Q86TV6     | Tetratricopeptide repeat protein 7B              | TTC7B                                           |
| Q92632     | Tetratricopeptide repeat protein 9A              | TTC9                                            |
| Q96N46     | Tetratricopeptide repeat protein 14              | TTC14                                           |
| Q9HCDF6    | Transient receptor potential cation channel subfamily M member 3 | TRPM3                                      |
| Accession  | Name                                                                 | Description                                                                 |
|------------|----------------------------------------------------------------------|------------------------------------------------------------------------------|
| A0A0K0K1G6 | T cell receptor beta variable 10-3                                  | TRBV10-3                                                                     |
| P35544     | Ubiquitin-like protein FUBI                                          | FAU                                                                          |
| Q9HAW7     | UDP-glucuronosyltransferase 1A7                                       | UGT1A7                                                                       |
| Q92995     | Ubiquitin carboxyl-terminal hydrolase 13                              | USP13                                                                        |
| Q13404     | Ubiquitin-conjugating enzyme E2 variant 1                             | UBE2V1                                                                       |
| Q9Y385     | Ubiquitin-conjugating enzyme E2 J1                                    | UBE2J1                                                                       |
| O43314     | Inositol hexakisphosphate and diphosphoinositol-pentakisphosphate kinase 2 | PPIPK2                                                                       |
| Q8NDX2     | Vesicular glutamate transporter 3                                     | SLC17A8                                                                      |
| Q96RL7     | Vacuolar protein sorting-associated protein 13A                      | VPS13A                                                                      |
| Q8TCY9     | Up-regulator of cell proliferation                                     | URGCP                                                                        |
| Q6P4I2     | WD repeat-containing protein 73                                        | WDR73                                                                        |
| A2RUG3     | Testis-specific XK-related protein, Y-linked 2                        | XKR2                                                                         |
| Q9HAW9     | UDP-glucuronosyltransferase 1A8                                       | UGT1A8                                                                       |
| Q9BQY6     | WAP four-disulfide core domain protein 6                              | WFDC6                                                                        |
| Q8IU65     | WAP four-disulfide core domain protein 13                             | WFDC13                                                                       |
| Q9H269     | Vacuolar protein sorting-associated protein 16 homolog                | VPS16                                                                        |
| A6NC14     | von Willebrand factor A domain-containing protein 3A                  | VWA3A                                                                        |
| Q8N2H2     | von Willebrand factor D and EGF domain-containing protein              | VVDE                                                                         |
| Q6Y38      | Xylosyltransferase 1                                                  | XYL1T                                                                        |
| Q6VEQ5     | WAS protein family homolog 2                                          | WASH2P                                                                       |
| Q8NA23     | WD repeat-containing protein 31                                        | WDR31                                                                        |
| Q9H9H4     | Vacuolar protein sorting-associated protein 37B                       | VPS37B                                                                       |
| Q6UXR6     | Putative uncharacterized protein UNQ6494/PRO21346                    | UNQ6494/PRO21346                                                             |
| Q9NZY7     | Zinc finger imprinted 2                                               | ZIM2                                                                         |
| Q3SY52     | Zinc finger protein interacting with ribonucleoprotein K              | ZIK1                                                                         |
| Q96QA6     | Protein yippee-like 2                                                 | YPEL2                                                                        |
| P37275     | Zinc finger E-box-binding homebox 1                                   | ZEB1                                                                         |
| Q9H8U3     | AN1-type zinc finger protein 3                                         | ZFAND3                                                                       |
| Q6PG37     | Zinc finger protein 790                                               | ZNF790                                                                       |
| P51504     | Zinc finger protein 80                                                 | ZNF80                                                                        |
| Q8NW2      | Zinc finger protein 710                                               | ZNF710                                                                       |
| Q9H5J0     | Zinc finger and BTB domain-containing protein 3                       | ZBTB3                                                                        |
| Q6BD11     | Zinc finger protein 776                                               | ZNF776                                                                       |
| Q9Q76      | PHD finger protein 12                                                  | PHF12                                                                        |
| Q8NDP43    | Probable aminopeptidase NPEPL1                                        | NPEPL1                                                                       |
| P20601     | Protein-L-isoaspartate                                                | PCMT1                                                                        |
| Q7RTV0     | PHD finger-like domain-containing protein 5A                          | PHF5A                                                                        |
| P36955     | Pigment epithelium-derived factor                                      | SERPINF1                                                                     |
| Q53FA7     | Quinone oxidoreductase PIG3                                            | TP53I                                                                        |
| P39019     | 40S ribosomal protein S19                                             | RPS19                                                                        |
| Q98WG4     | Single-stranded DNA-binding protein 4                                  | SSBD4                                                                        |
| Q9NQ55     | Suppressor of SWI4 1 homolog                                          | PPAN                                                                         |
| O95T93     | Double-stranded RNA-binding protein Stauken homolog 1                 | STAU1                                                                        |
| Q0NH10G7   | Small VCP/p97-interacting protein                                      | SVIP                                                                         |
| P0CW01     | Testis-specific Y-encoded protein 10                                   | TSPY10                                                                       |
| Protein ID   | Description                                                                 | Accession |
|------------|-----------------------------------------------------------------------------|-----------|
| Q9BRT2     | Ubiquinol-cytochrome-c reductase complex assembly factor 2                   | UQCC2     |
| P31391     | Somatostatin receptor type 4                                                | SSTR4     |
| Q9HBF5     | Suppressor of tumorigenicity 20 protein                                     | ST20      |
| Q9BX66     | Sorbin and SH3 domain-containing protein 1                                  | SORBS1    |
| O43463     | Histone-lysine N-methyltransferase SUV39H1                                   | SUV39H1   |
| Q9NX61     | Transmembrane protein 161A                                                  | TMEM161A  |
| Q6URK8     | Testis, prostate and placenta-expressed protein                            | TEPP      |
| Q9Y2C9     | Toll-like receptor 6                                                        | TLR6      |
| Q9Y6I9     | Testis-expressed protein 264                                                | TEX264    |
| Q9BJ33     | Tryptase delta                                                             | TPSD1     |
| Q16763     | Ubiquitin-conjugating enzyme E2 S                                           | UBE2S     |
| Q13564     | NEDD8-activating enzyme E1 regulatory subunit                               | NAE1      |
| Q15386     | Ubiquitin-protein ligase E3C                                                 | UBE3C     |
| P36537     | UDP-glucuronosyltransferase                                                  | UGT2B10   |
| Q8TEY7     | Ubiquitin carboxyl-terminal hydrolase 33                                    | USP33     |
| D6RA61     | Ubiquitin carboxyl-terminal hydrolase 17-like protein 22                    | USP17L22  |
| Q9Y5J1     | U3 small nucleolar RNA-associated protein 18 homolog                         | UTP18     |
| Q9NY72     | V-set and immunoglobulin domain-containing protein 4                        | VSIG4     |
| Q9BZ65     | WD repeat-containing protein 74                                              | WDR74     |
| Q93050     | V-type proton ATPase subunit d 2                                              | ATP6VOD2  |
| Q96FS5     | UHRF1-binding protein 1                                                      | UHRF1BP1  |
| Q6RFH5     | WD repeat-containing protein 42                                               | WDR42     |
| Q93050     | V-type proton ATPase 116 kDa subunit a1                                      | ATP6V0A1  |
| Q86XK7     | V-set and immunoglobulin domain-containing protein 1                         | VSIG1     |
| B1AN59     | WD repeat-containing protein 64                                              | WDR64     |
| Q8TAA9     | Vang-like protein 1                                                          | VANGL1    |
| Q9Y279     | V-set and immunoglobulin domain-containing protein 4                        | VSIG4     |
| Q9BZ65     | WD repeat-containing protein 42                                               | WDR42     |
| Q9H1B5     | Xylosyltransferase 2                                                         | XYLT2     |
| Q9Y3C0     | WASH complex subunit 3                                                       | WASHC3    |
| Q9YE65     | Wiskott-Aldrich syndrome family protein member 2                             | WASF2     |
| Q6AWC2     | Protein WW2                                                                | WWC2      |
| Q6XCG6     | Putative uncharacterized protein PP632                                      | PP632     |
| Q8N288     | Putative uncharacterized protein FLJ33534                                   | FLJ33534  |
| Q8N1Y9     | Putative uncharacterized protein FLJ37218                                   | FLJ37218  |
| Q9UL72     | Putative uncharacterized protein PRO0255                                   | PRO0255   |
| Q5VUA4     | Zinc finger protein 318                                                      | ZNF318    |
| Q9U1J3     | Zinc finger and BTB domain-containing protein 21                             | ZBTB21    |
| Q7Z3T8     | Zinc finger FYVE domain-containing protein 16                                 | ZFYVE16   |
| C9JN71     | Zinc finger protein 878                                                      | ZNF878    |
| Q9UEG4     | Zinc finger protein 629                                                      | ZNF629    |
| Q962C8     | Zinc finger protein 707                                                      | ZNF707    |
| Q8TF45     | Zinc finger protein 418                                                      | ZNF418    |
| Q2MK19     | Zinc finger protein 423                                                      | ZNF423    |
| Q8IC5      | Zinc finger protein 507                                                      | ZNF507    |
| Q8IF32     | Zinc finger protein 431                                                      | ZNF431    |
| Q9Y2H8     | Zinc finger protein 510                                                      | ZNF510    |
| Q8IVP9     | Zinc finger protein 547                                                      | ZNF547    |
| Q9UL38     | Zinc finger protein 236                                                      | ZNF236    |
| PDB ID | Description |
|--------|-------------|
| Q9BV97 | KRAB domain-containing protein ZNF747 |
| Q2M3X9 | Zinc finger protein 674 ZNF674 |
| Q92750 | Transcription initiation factor TFIID subunit 4B TAF4B |
| P21731 | Thromboxane A2 receptor TBXA2R |
| Q9NYW6 | Taste receptor type 2 member 3 TAS2R3 |
| Q7Z6L1 | Tectonin beta-propeller repeat-containing protein 1 TECPR1 |
| Q8TDW5 | Synaptotagmin-like protein 5 SYTL5 |
| Q13263 | Transcription intermediary factor 1-beta TRIM28 |
| Q98WD1 | Acetyl-CoA acetyltransferase, cytosolic ACAT2 |
| Q6ZMR5 | Transmembrane protease serine 11A Tmprss11A |
| O14925 | Mitochondrial import inner membrane translocase subunit Tim23 TIMM23 |
| P09110 | 3-ketoacyl-CoA thiolase, peroxisomal ACAA1 |
| Q81BR7 | TLC domain-containing protein TLCD3A |
| Q8N6K0 | Testis-expressed protein 29 TEX29 |
| Q9UHF0 | Tachykinin-3 TAC3 |
| Q08117 | TLE family member 5 TLE5 |
| O60522 | Tudor domain-containing protein 6 TDRD6 |
| P42680 | Tyrosine-protein kinase Tec TEC |
| Q5VB66 | Transmembrane protein 244 TMEM244 |
| A6NLX4 | Transmembrane protein 210 TMEM210 |
| Q8NC54 | Transmembrane protein 35B TMEM35B |
| Q9NSU2 | Three-prime repair exonuclease 1 Treh TREX1 |
| Q12815 | Tastin TROAP |
| O00635 | E3 ubiquitin-protein ligase TRIM38 |
| Q95361 | Tripartite motif-containing protein 16 TRIM16 |
| Q8IWZ4 | Tripartite motif-containing protein 48 TRIM48 |
| Q8WV44 | E3 ubiquitin-protein ligase TRIM41 |
| O15405 | TOX high mobility group box family member 3 TOX3 |
| A0JD36 | T cell receptor delta variable 2 TRDV2 |
| O43280 | Trehalase Treh |
| Q8NER1 | Transient receptor potential cation channel subfamily V member 1 TRPV1 |
| A0A0AMS01 | Probable non-functional T cell receptor gamma variable 10 TRGV10 |
| A0A0K0K1B3 | T cell receptor beta variable 30 TRB30 |
| Q15661 | Tryptase alpha/beta-1 TPSAB1 |
| P61960 | Ubiquitin-fold modifier 1 UFM1 |
| O94966 | Ubiquitin carboxyl-terminal hydrolase 19 USP19 |
| Q15695 | Putative U2 small nuclear ribonucleoprotein auxiliary factor 35 kDa subunit-related protein 1 ZRS2P1 |
| Q495M9 | Usher syndrome type-1G protein USH1G |
| Q9P2Y5 | UV radiation resistance-associated gene protein UVRAG |
| Q96MX6 | WD repeat-containing protein 92 WDR92 |
| P63129 | Endogenous retrovirus group K member 24 Pro protein ERVK-24 |
| Q92738 | USP6 N-terminal-like protein USP6NL |
| Q8TF30 | WASP homolog-associated protein with actin, membranes and microtubules WHAMM |
| A3KMH1 | von Willebrand factor A domain-containing protein 9 VWA8 |
| Q8TBZ3 | WD repeat-containing protein 20 WDR20 |
| Accession | Gene Name | Description |
|-----------|-----------|-------------|
| O94967 | WD repeat-containing protein 47 | WDR47 |
| Q9H0M0 | NEDD4-like E3 ubiquitin-protein ligase WWP1 | WWP1 |
| Q06250 | Putative Wilms tumor upstream neighbor 1 gene protein | WT1-AS |
| Q616CG8 | Postacrosomal sheath WW domain-binding protein | WBP2NL |
| Q95785 | Protein Wiz | WIZ |
| Q3C1V9 | Putative uncharacterized protein | |
| Q6Z5S2 | Putative uncharacterized protein | FLJ45825 |
| Q9UFV3 | Putative uncharacterized protein | DKFZp434L187 |
| P98169 | Zinc finger X-linked protein ZXDB | ZXDB |
| Q6UXR8 | Putative uncharacterized protein | UNQ6493/PRO21345 |
| Q6P2D0 | Zinc finger protein 1 homolog | ZFP1 |
| Q9CDAA | Zinc finger homeobox protein 2 | ZFHX2 |
| P17026 | Zinc finger protein 22 | ZNF22 |
| Q6NAP3 | Zinc finger and BTB domain-containing protein 38 | ZBTB38 |
| Q9Y2P0 | Zinc finger protein 835 | ZNF835 |
| Q86YH2 | Zinc finger protein 280B | ZNF280B |
| Q9BQ24 | Zinc finger FYVE domain-containing protein 21 | ZFYVE21 |
| Q6N043 | Zinc finger protein 280D | ZNF280D |
| Q96PQ6 | Zinc finger protein 317 | ZNF317 |
| P52740 | Zinc finger protein 332 | ZNF332 |
| Q517WO | Zinc finger protein 618 | ZNF618 |
| Q969S3 | Zinc finger protein 622 | ZNF622 |
| O15062 | Zinc finger and BTB domain-containing protein 5 | ZBTB5 |
| Q6N9K5 | Zinc finger protein 565 | ZNF565 |
| Q5D1E8 | Endoribonuclease ZC3H12A | ZC3H12A |
| Q9HAAH | Zinc finger protein 556 | ZNF556 |
| Q5EBM4 | Putative zinc finger protein 542 | ZNF542P |
| Q99ER8 | Zinc finger protein 543 | ZNF543 |
| Q9CB05 | Palmitoyltransferase ZDHHC5 | ZDHHC5 |
| Q86SH2 | Zygote arrest protein 1 | ZAR1 |
| P01210 | Proenkephalin-A | PENK |
| Q8WUSM4 | Programmed cell death 6-interacting protein | PDCD6IP |
| Q66U1 | Pleckstrin homology-like domain family B member 1 | PHLDB1 |
| Q86N4E4 | Phosducin-like protein 2 | PDCL2 |
| Q13113 | PDZK1-interacting protein 1 | PDZK1P1 |
| Q54E3 | Polyserase-2 | PRSS36 |
| P63135 | Endogenous retrovirus group K member 7 Pol protein | ERVK-7 |
| A4D1T9 | Probable inactive serine protease 37 | PRSS37 |
| Q6N8Z0 | Inactive serine protease 35 | PRSS35 |
| P01236 | Prolactin | PRL |
| P04702 | Parvalbumin alpha | PVALB |
| P49643 | DNA primase large subunit | PRIM2 |
| Q726L0 | Proline-rich transmembrane protein 2 | PRRT2 |
| P43686 | 26S proteasome regulatory subunit 6B | PSMC4 |
| Q72Z33 | Piwi-like protein 3 | PIWIL3 |
| Q8NH9 | Proflavin-4 | PFN4 |
| Q9NZ81 | Proline-rich protein 13 | PRR13 |
| Q9NZH5 | Securin-2 | PTTG2 |
| Q05066 | Sex-determining region Y protein | SRY |
| Q8Z5P1 | TBC1 domain family member 3 | TBC1D3 |
| Q96CE8 | Transmembrane 4 L6 family member 18 | TM4SF18 |
| Protein Name | Description |
|--------------|-------------|
| TAF1A        | TATA box-binding protein-associated factor RNA polymerase I subunit A |
| TBC1D3B      | TBC1 domain family member 3B |
| TAF1B        | TAF1A |
| TBC1D3B      | TBC1 domain family member 3B |
| TAF9         | Transcription initiation factor TFIID subunit 9 |
| TBC1D8       | TBC1 domain family member 8 |
| TCEA2        | Transcription elongation factor A protein 2 |
| TMEM131L     | Transmembrane protein 131-like |
| TRFPI2       | Tissue factor pathway inhibitor 2 |
| TRIM42       | Tripartite motif-containing protein 42 |
| TMED8        | Protein TMED8 |
| TTC23L       | Tetra-ricopeptide repeat protein 23-like |
| TXNDC15      | Thioredoxin domain-containing protein 15 |
| TMEM79       | Transmembrane protein 79 |
| TMEM51       | Transmembrane protein 51 |
| TRBV5-7      | Probable non-functional T cell receptor beta variable 5-7 |
| UBXN2B       | UBX domain-containing protein 28 |
| UNC5D        | Netrin receptor UNC5D |
| UBDT2        | Ubiquitin domain-containing protein 2 |
| TTF2         | Transcription termination factor 2 |
| UBQLN4       | Ubiquilin-4 |
| UCN2         | Urocortin-2 |
| ATP6V0B      | V-type proton ATPase 21 kDa proteolipid subunit |
| XIRP2        | Xin actin-binding repeat-containing protein 2 |
| YEATS4       | YEATS domain-containing protein 4 |
| FLJ45355     | Putative uncharacterized protein |
| ZNF626       | Zinc finger protein 626 |
| ZNF157       | Zinc finger protein 157 |
| ZNF285       | Zinc finger protein 285 |
| ZNF738       | Zinc finger protein |
| ZNF740       | Zinc finger protein 740 |
| SRSF2        | Serine/arginine-rich splicing factor 2 |
| STXB4        | Syntaxin-binding protein 4 |
| SRA1         | Steroid receptor RNA activator 1 |
| FARS5        | Phenylalanine--tRNA ligase beta subunit |
| SYNPR        | Synaptoporin |
| SYPL1        | Synaptophysin-like protein 1 |
| TBL1X        | F-box-like/WD repeat-containing protein TBL1X |
| TUBB         | Tubulin beta chain |
| TAFAC1       | Chemokine-like protein TAFAC1 |
| TAL2         | T-cell acute lymphocytic leukemia protein 2 |
| TARDBP       | TAR DNA-binding protein 43 |
| TBRG1        | Transforming growth factor beta regulator 1 |
| SZR01        | SUZ domain-containing protein 1 |
| TEKT5        | Tekin-5 |
| Accession | Gene Name |
|-----------|-----------|
| P59541    | Taste receptor type 2 member 30 (TAS2R30) |
| Q96U01    | THO complex subunit 3 (THOC3) |
| Q9NXF1    | Testis-expressed protein 10 (TEX10) |
| Q8WVM0    | Dimethyladenosine transferase 1, mitochondrial (TFB1M) |
| Q9UKI8    | Serine/threonine-protein kinase tousled-like 1 (TLK1) |
| Q9H061    | Transmembrane protein 126A (TMEM126A) |
| A0A087WT  | Transmembrane protein 265 (TMEM265) |
| Q8NJ7C4   | Transmembrane protein 217 (TMEM217) |
| A0A180GZV9| Transmembrane protein 269 (TMEM269) |
| B4DJY2    | Transmembrane protein 233 (TMEM233) |
| A6NFC5    | Transmembrane protein 235 (TMEM235) |
| Q99594    | Transcriptional enhancer factor TEF-S (TEAD3) |
| A0A075B6R0| T cell receptor gamma variable 2 (TRGV2) |
| P0CF51    | T cell receptor gamma constant 1 (TRGC1) |
| Q6ZTW0    | Tubulin polyglutamylase complex subunit 1 (TPGS1) |
| Q9C030    | Tripartite motif-containing protein 6 (TRIM6) |
| O14798    | Tumor necrosis factor receptor superfamily member 10C (TNFRSF10C) |
| Q14669    | E3 ubiquitin-protein ligase TRIP12 (TRIP12) |
| P04437    | T cell receptor alpha variable 29/delta variable 5 (TRAV29DV5) |
| Q95990    | Mitochondrial mRNA pseudouridine synthase TRUB2 (TRUB2) |
| Q9BWV7    | Probable tubulin polyglutamylase TTL2 (TTL2) |
| A6NJT0    | Homeobox protein unc-4 homolog (UNCX) |
| O95155    | Ubiquitin conjugation factor E4 B (UBE4B) |
| O94782    | Ubiquitin carboxyl-terminal hydrolase 1 (USP1) |
| Q9P275    | Ubiquitin carboxyl-terminal hydrolase 36 (USP36) |
| O60294    | tRNA wybutosine-synthesizing protein 4 (LCMT2) |
| O75385    | Serine/threonine-protein kinase ULK1 (ULK1) |
| O95258    | Brain mitochondrial carrier protein 1 (SLC25A14) |
| P47901    | Vasopressin V1b receptor (AVPR1B) |
| Q8TCH9    | Putative uncharacterized protein FLJ23865 |
| Q8N7Q3    | Zinc finger protein 676 (ZNF676) |
| Q8NDO6    | Zinc finger protein 540 (ZNF540) |
| Q9P255    | Zinc finger protein 492 (ZNF492) |
| Q9H3H9    | Transcription elongation factor A protein-like 2 (TCEAL2) |
| Q9H2K8    | Serine/threonine-protein kinase TAO3 (TAOK3) |
| Q96A56    | Tumor protein p53-inducible nuclear protein 1 (TP53INP1) |
| Q969E4    | Transcription elongation factor A protein-like 3 (TCEAL3) |
| H3BS89    | Transmembrane protein 178B (TMEM178B) |
| Q9Y458    | T-box transcription factor TBX22 (TBX22) |
| Q9P031    | Thyroid transcription factor 1-associated protein 26 (CCDC59) |
| Q92545    | Transmembrane protein 131 (TMEM131) |
| Q866S6    | Synaptotagmin-9 (SYT9) |
| Q96FPV9   | THO complex subunit 1 (THOC1) |
| Q96CP7    | TLC domain-containing protein 1 (TLCD1) |
| Protein Name | Gene ID | Description |
|--------------|---------|-------------|
| THAP domain-containing protein 6 | THAP6 | |
| Testis-expressed protein 45 | TEX45 | |
| Methylcytosine dioxygenase TET1 | TET1 | |
| Testin | TES | |
| Transmembrane protein 212 | TMEM212 | |
| Transmembrane protein 216 | TMEM216 | |
| Retinoic acid receptor responder protein 1 | RARRES1 | |
| Transmembrane 7 superfamily member 3 | TM7SF3 | |
| T cell receptor gamma variable 3 | TRGV3 | |
| Trophinin | TRO | |
| Tumor necrosis factor receptor superfamily member 4 | TNFRSF4 | |
| Transmembrane and ubiquitin-like domain-containing protein 2 | TMUB2 | |
| Tripartite motif-containing protein 45 | TRIM45 | |
| Transmembrane protease serine 6 | TMPRSS6 | |
| mRNA decay activator protein | ZFP36 | |
| Transient receptor potential cation channel subfamily M member 7 | TRPM7 | |
| Trypsin-3 | PRSS3 | |
| T cell receptor beta variable 6-9 | TRBV6-9 | |
| Putative tripartite motif-containing protein 49B | TRIM49B | |
| Ubiquitin-associated and SH3 domain-containing protein 8 | UBAsh3B | |
| UDP-glucuronosyltransferase 3A2 | UGT3A2 | |
| Ubiquitin carboxyl-terminal hydrolase 30 | USP30 | |
| Putative UPF0633 protein | ENSP00000303136 | |
| Ubiquitin carboxyl-terminal hydrolase 49 | USP49 | |
| Ubiquitin carboxyl-terminal hydrolase 42 | USP42 | |
| Ubiquitin carboxyl-terminal hydrolase 17-like protein 3 | USP17L3 | |
| V-type immunoglobulin domain-containing suppressor of T-cell activation | VSIR | |
| Vacuolar protein sorting-associated protein 26C | VPS26C | |
| Vimentin | VIM | |
| Vasopressin V2 receptor | AVPR2 | |
| Urea transporter 2 | SLC14A2 | |
| XK-related protein 2 | XKRX | |
| Van16/Vps39-like protein | VPS39 | |
| Vacuolar protein sorting-associated protein 18 homolog | VPS18 | |
| Xyloside xylosyltransferase 1 | XXYLTI | |
| WW domain-containing adapter protein with coiled-coil | WAC | |
| WD repeat and FYVE domain-containing protein 2 | WDFY2 | |
| WAS/WASL-interacting protein family member 3 | WIPF3 | |
| Uncharacterized protein FLJ43738 | | |
| Putative transmembrane protein | ENSP00000320207 | |
| Transcription factor HIVEP2 | HIVEP2 | |
| AN1-type zinc finger protein 5 | ZFAND5 | |
| Protein zer-1 homolog | ZER1 | |
| Palmitoyltransferase ZDHHC4 | ZDHHC4 | |
| Zinc finger protein 615 | ZNF615 | |
| Zinc finger protein 554 | ZNF554 | |
| Protein Name                                      | Accession  |
|--------------------------------------------------|------------|
| Zinc finger protein 281                          | ZNF281     |
| Zinc finger protein 182                          | ZNF182     |
| Quinone oxidoreductase-like protein 1             | CRYZL1     |
| Sushi, von Willebrand factor type A, EGF and pentraxin domain-containing protein 1 | SVEP1     |
| TBC1 domain family member 4                      | TBC1D4     |
| Transmembrane protein 183A                        | TMEM183A   |
| T-cell activation inhibitor, mitochondrial        | TCAIM      |
| Transcription factor E3                           | TFE3       |
| TBC1 domain family member 10A                     | TBC1D10A   |
| T-complex protein 11-like protein 2               | TCP11L2    |
| Thimet oligopeptidase                            | THOP1      |
| Trefol factor 3                                   | TFF3       |
| Probable tRNA pseudouridine synthase 1            | TRUB1      |
| Protein TSSC4                                     | TSSC4      |
| Thiosulfate sulfotransferase/rhodanese-like domain-containing protein 2 | TSTD2     |
| Tumor suppressor candidate 2                      | TUSC2      |
| Thioredoxin reductase 2, mitochondrial             | TXNRD2     |
| Transient receptor potential cation channel subfamily M member 5 | TRPM5     |
| Transient receptor potential cation channel subfamily M member 8 | TRPM8     |
| Ubiquitin carboxyl-terminal hydrolase 17-like protein 12 | USP17L12  |
| Uncharacterized protein UMODL1-AS1                | UMODL1-AS1 |
| T cell receptor beta variable 6-3                 | TRBV6-3    |
| T cell receptor beta variable 5-5                 | TRBV5-5    |
| Tripartite motif-containing protein 49C           | TRIM49C    |
| Tripartite motif-containing protein 49D           | TRIM49D1   |
| T cell receptor beta variable 6-5                 | TRBV6-5    |
| Tonsoku-like protein                              | TONSLS     |
| Putative 2-oxo-4-hydroxy-4-carboxy-5-ureidoimidazoline decarboxylase | URAD     |
| T cell receptor alpha chain constant              | TRAC       |
| Transmembrane inner ear expressed protein         | TMIE       |
| Netrin receptor UNC5B                             | UNC5B      |
| Netrin receptor UNC5A                             | UNC5A      |
| Ubiquitin-associated protein 1-                   | UBAP1L     |
| Ubiquilin-1                                       | UBQLN1     |
| Villin-1                                          | VIL1I      |
| Usherin                                          | USH2A      |
| Uronyl 2-sulfotransferase                         | UST        |
| von Hippel–Lindau disease tumor suppressor        | VHL        |
| V-type proton ATPase subunit e 2                  | ATP6VUE2   |
| V-type proton ATPase subunit E 2                  | ATP6VIE2   |
| WD repeat-containing protein 87                   | WDR87      |
| WAP four-disulfi de core domain protein 3         | WFDC3      |
| DNA repair protein complementing XP-C cells       | XPC        |
| Vacuolar protein sorting-associated protein 4B    | VPS4B      |
| DNA repair protein XRCC4                          | XRCC4      |
| Accession | UniProt ID | Description |
|-----------|------------|-------------|
| Q96QU8    | Exportin-6 | XPO6        |
| Q5VIR6    | Vacuolar protein sorting-associated protein 53 homolog | VPSS3 |
| Q9H0D6    | 5'-3' exoribonuclease 2 | XRN2 |
| Q502W6    | von Willebrand factor A domain-containing protein 3B | VWA3B |
| Q9C0J8    | pre-mRNA 3' end processing protein WDR33 | WDR33 |
| P61964    | WD repeat-containing protein 5 | WDR5 |
| Q9NP79    | Vacuolar protein sorting-associated protein VTA1 homolog | VTA1 |
| Q6ZQT0    | Putative uncharacterized protein FLJ45035 | |
| Q8NB4F    | Putative uncharacterized protein FLJ33307 | |
| Q9UI25    | Putative uncharacterized protein PRO0461 | |
| Q3KQV3    | Zinc finger protein 792 | ZNF792 |
| P17010    | Zinc finger X-chromosomal protein | ZFX |
| P16415    | Zinc finger protein 823 | ZNF823 |
| Q8NEG5    | E3 ubiquitin-protein ligase ZSWIM2 | ZSWIM2 |
| Q0D2J5    | Zinc finger protein 763 | ZNF763 |
| Q8IUH5    | Palmitoyltransferase ZDHHC17 | ZDHHC17 |
| Q6ZNG1    | Zinc finger protein 600 | ZNF600 |
| Q15697    | Zinc finger protein 174 | ZNF174 |
| Q2M218    | Zinc finger protein 630 | ZNF630 |
| Q9UNV5    | Zinc finger protein 232 | ZNF232 |
| Q5IVG2    | Zinc finger protein 484 | ZNF484 |
| A8MYT0    | Zinc finger protein 724 | ZNF724 |
| Q8NS39    | Zinc finger protein 664 | ZNF664 |
| Q499Z4    | Zinc finger protein 672 | ZNF672 |
| Q9HA16    | TLR adapter interacting with SLC15A4 on the lysosome | TASL |
| Q81C07    | TBC1 domain family member 15 | TBC1D15 |
| A0PK00    | Transmembrane protein 120B | TMEM120B |
| O00445    | Synaptotagmin-5 | SYT5 |
| Q3SY00    | Testis-specific protein 10-interacting protein | TSGA10IP |
| Q8IYQ7    | Threonine synthase-like 1 | THNSL1 |
| Q8NH8W    | Transmembrane protein 105 | TMEM105 |
| Q15J55    | Toll-like receptor 3 | TLR3 |
| Q50707    | Testis-expressed protein 35 | TEX35 |
| Q92563    | Testican-2 | SPOCK2 |
| Q8WZ42    | Titin | TTN |
| Q92994    | Transcription factor IIIB 90 kDa subunit | BRF1 |
| Q8N616    | Putative uncharacterized protein encoded by LINC00311 | LINC00311 |
| Q99B73    | TM2 domain-containing protein 2 | TM2D2 |
| Q96A57    | Transmembrane protein 230 | TMEM230 |
| Q99XR0    | Queuein tRNA-riboyltransferase catalytic subunit 1 | QRTT1 |
| Q07283    | Thiohyalin | TCHH |
| Q86YW5    | Trem-like transcript 1 protein | TREML1 |
| Q95150    | Tumor necrosis factor ligand superfamily member 15 | TNFSF15 |
| Q98855    | tRNA | TRMT61B |
| O94811    | Tubulin polymerization-promoting protein | TPP |
| O60784    | Target of Myb protein 1 | TOM1 |
| Q7Z6W1    | Transmembrane and coiled-coil domain-containing protein 2 | TMCO2 |
| Q9NS68    | Tumor necrosis factor receptor superfamily member 19 | TNFRSF19 |
| Q86VQ3    | Thioredoxin domain-containing protein 2 | TXNDC2 |
| Accession | Name                                      | Description                                           |
|-----------|-------------------------------------------|-------------------------------------------------------|
| Q9HCX4    | Short transient receptor potential channel 7 | TRPC7                                                 |
| Q6IQ55    | Tau-tubulin kinase 2                      | TTBK2                                                 |
| A0A087WT  | T cell receptor alpha variable 27         | TRAV27                                                |
| P62079    | Tetraspanin-5                            | TSPAN5                                                |
| Q13454    | Tumor suppressor candidate 3              | TUSC3                                                 |
| P11172    | Uridine 5'-monophosphate synthase         | UMP5                                                  |
| Q96B02    | Ubiquitin-conjugating enzyme E2 W         | UBE2W                                                 |
| Q9NYU1    | UDP-glucose:glycoprotein glucosyltransferase 2 | UGGT2                                             |
| Q50701    | E3 ubiquitin-protein ligase UBR5          | UBR5                                                  |
| Q16864    | V-type proton ATPase subunit F            | ATP6V1F                                               |
| P22415    | Upstream stimulatory factor 1             | USF1                                                  |
| P21796    | Voltage-dependent anion-selective channel protein 1 | VDAC1                                           |
| P63127    | Endogenous retrovirus group K member 9 Pro protein | ERVK-9                                            |
| Q86XT2    | Vacuolar protein sorting-associated protein 37D | VPS37D                                          |
| Q9Y3S1    | Serine/threonine-protein kinase WNK2      | WNK2                                                  |
| Q5VSD8    | Putative uncharacterized protein LOC401522 | LOC401522                                             |
| Q9YS48    | Protein YIPF1                            | YIPF1                                                 |
| Q6ZSR3    | Putative uncharacterized protein FL45275, mitochondrial | FL45275, mitochondrial                              |
| Q8NW97    | Putative transmembrane protein FL36131    | FL36131                                               |
| Q8WZ26    | Putative uncharacterized protein PP6455   | PP6455                                                 |
| P0C880    | Putative uncharacterized protein FL40606  | FL40606                                               |
| Q6DD87    | Zinc finger protein 787                   | ZNF787                                                 |
| Q13105    | Zinc finger and BTB domain-containing protein 17 | ZBTB17                                            |
| Q72739    | YTH domain-containing family protein 3    | YTHDF3                                                 |
| A6NDX5    | Putative zinc finger protein 840          | ZNF840P                                               |
| Q8NW97    | Zinc finger protein 808                   | ZNF808                                                 |
| Q6Q755    | Zinc finger protein 2544A                 | ZNF2544A                                              |
| A2A288    | Probable ribonuclease ZC3H12D             | ZC3H12D                                               |
| Q9Y2K1    | Zinc finger and BTB domain-containing protein 1 | ZBTB1                                               |
| A8MUZ2    | Putative zinc finger protein 705G          | ZNF705G                                               |
| Q03936    | Zinc finger protein 92                    | ZNF92                                                  |
| Q6P1L6    | Zinc finger protein 343                   | ZNF343                                                 |
| Q6O232    | Protein ZNRD2                            | ZNRD2                                                  |
| Q8TA94    | Zinc finger protein 563                   | ZNF563                                                 |
| Q12836    | Zona pellucida sperm-binding protein 4    | ZP4                                                    |
| Q9ULS9    | Zinc finger protein 214                   | ZNF214                                                 |
| Q6NDW4    | Zinc finger protein 248                   | ZNF248                                                 |
| Q9UHR6    | Zinc finger HIT domain-containing protein 2 | ZNHIT2                                          |
| Q9YKY9    | Zinc finger protein 667                   | ZNF667                                                 |
| Q5SX1M    | Zinc finger protein 678                   | ZNF678                                                 |
| Q9HY2Y    | Zinc finger protein 106                   | ZNF106                                                 |
| Q6UX98    | Probable palmitoyltransferase ZDHHC24     | ZDHHC24                                               |
| Q6ZNC4    | Zinc finger protein 704                   | ZNF704                                                 |
| Q7LBC6    | Lysine-specific demethylase 3B            | KDM3B                                                  |
| Q9XKKX    | Krueppel-like factor 16                   | KLF16                                                  |
| A0A07586P5| Immunoglobulin kappa variable 2-28        | IGKV2-28                                               |
| O94819    | Kelch repeat and BTB domain-containing protein 11 | KBTBD11                                           |
| Accession | Gene Name                                      | Protein Name                                      |
|-----------|-----------------------------------------------|--------------------------------------------------|
| P01594    | Immunoglobulin kappa variable 1-33            | IGKV1-33                                         |
| Q6P1Q9    | tRNA N                                        | METTL2B                                          |
| Q9U6G8    | Mitochondrial peptide methionine sulfoxide reductase | MSRA                                         |
| Q9ULB1    | Neurexin-1                                     | NRXN1                                           |
| Q8NGH3    | Olfactory receptor 2D3                        | OR2D3                                           |
| Q96R84    | Putative olfactory receptor 1F2               | OR1F2P                                          |
| P08559    | Pyruvate dehydrogenase E1 component subunit alpha, somatic form, mitochondrial | PDHA1                                           |
| Q6E36     | Ovostatin homolog 2                           | OVOS2                                           |
| Q8NH03    | Olfactory receptor 213                        | OR213                                           |
| Q9H8S7    | 5'-nucleotidase domain-containing protein 2    | NT5DC2                                          |
| Q93Y64    | PEX5-related protein                          | PE5L                                            |
| Q8CN5     | Pyruvate dehydrogenase phosphatase regulatory subunit, mitochondrial | PDPR                                           |
| Q16342    | Programmed cell death protein 2               | PDCD2                                           |
| P36871    | Phosphoglucomutase-1                          | PGM1                                            |
| Q8S6Q0    | Pleckstrin homology-like domain family B member 2 | PHLDB2                                        |
| P56645    | Period circadian protein homolog 3            | PER3                                            |
| Q96J3S    | PiggyBac transposable element-derived protein 1 | PGBD1                                          |
| Q04941    | Proteolipid protein 2                         | PLP2                                            |
| Q08752    | Peptidyl-prolyl cis-trans isomerase D          | PPIID                                           |
| P01213    | Proenkephalin-B                               | PDYN                                            |
| Q9GZU2    | Paternally-expressed gene 3 protein           | PEG3                                            |
| A6N3E1    | Pleckstrin homology domain-containing family D member 1 | PLEKHD1                                      |
| P53350    | Serine/threonine-protein kinase PLK1           | PLK1                                            |
| Q6UQ28    | Placenta-expressed transcript 1 protein       | PLET1                                           |
| Q9UI4G    | Psoriasis susceptibility 1 candidate gene 2 protein | PSORS1C2                                    |
| A6N0B7    | Proline-rich protein 19                       | PRR19                                           |
| Q9U7Q1    | Protein phosphatase 1 regulatory subunit 3C    | PPP1R3C                                         |
| Q5VYH4    | PRAME family member 6                         | PRAMEF6                                         |
| Q7Z5V6    | Protein phosphatase 1 regulatory subunit 32    | PPP1R32                                         |
| Q13029    | PR domain zinc finger protein 2               | PRDM2                                           |
| Q9U7Q2    | Pregnancy-specific beta-1-glycoprotein 11     | PSG11                                           |
| Q99969    | Retinoic acid receptor responder protein 2     | RARRES2                                         |
| P55042    | GTP-binding protein RAD                        | RRAD                                            |
| P54727    | UV excision repair protein RAD23 homolog B     | RAD23B                                          |
| P52756    | RNA-binding protein 5                         | RBM5                                            |
| Q8IX51    | RNA-binding protein 12B                        | RBM12B                                          |
| Q12829    | Ras-related protein Rab-40B                   | RAB40B                                          |
| O75771    | DNA repair protein RAD51 homolog 4            | RAD51D                                          |
| P63000    | Ras-related C3 botulinum toxin substrate 1    | RAC1                                            |
| Q95980    | Reversion-inducing cysteine-rich protein with Kazal motifs | RECK                                           |
| Q9ULW5    | Ras-related protein Rab-26                    | RAB26                                           |
| Q9U4J1    | Rab5 GDP/GTP exchange factor                   | RABGEF1                                         |
| Q9H0N0    | Ras-related protein Rab-6C                    | RAB6C                                           |
| PDBID  | Description                                                                 | Gene Symbol |
|--------|------------------------------------------------------------------------------|-------------|
| Q6ZWK4 | Regulator of hemoglobinization and erythroid cell expansion protein         | RHEX        |
| Q15493 | Regucalcin                                                                  | RGN         |
| A6NK89 | Ras association domain-containing protein 10                                 | RASSF10     |
| Q9Y644 | Beta-1,3-N-acetylglucosaminyltransferase radical fringe                       | RFNG        |
| P84095 | Rho-related GTP-binding protein RhoG                                         | RHOG        |
| Q8TCX5 | Rhophilin-1                                                                  | RHPN1       |
| Q15258 | Protein RER1                                                                 | RER1        |
| Q75787 | Renin receptor                                                               | ATP6AP2     |
| P40938 | Replication factor C subunit 3                                               | RFC3        |
| P13489 | Ribonuclease inhibitor                                                        | RHN1        |
| P18077 | 60S ribosomal protein L35a                                                   | RPL35A      |
| Q9NQ50 | 39S ribosomal protein L40, mitochondrial                                     | MRPL40      |
| Q8IZ83 | Aldehyde dehydrogenase family 16 member A1                                  | ALDH16A1    |
| Q94823 | Phospholipid-transporting ATPase VB                                           | ATP10B      |
| Q8XIM2 | Chromatin complexes subunit BAP18                                             | BAP18       |
| Q6UWJ8 | CD164 salomucin-like 2 protein                                               | CD164L2     |
| P27824 | Calnexin                                                                     | CANX        |
| Q9NY47 | Voltage-dependent calcium channel subunit alpha-2/delta-2                    | CACNA2D2    |
| P07711 | Procathepsin J                                                               | CTSL        |
| Q6ZRK6 | Coiled-coil domain-containing protein 7                                       | CCDC73      |
| Q13166 | CATR tumorigenic conversion 1 protein                                         | CATR1       |
| Q8WTZ4 | Putative inactive carbonic anhydrase 5B-like protein                         | CA5BP1      |
| A0A1B0GTC6 | Uncharacterized protein C3orf85                                           | C3orf85     |
| P01258 | Calcitonin                                                                   | CALCA       |
| Q98XT2 | Voltage-dependent calcium channel gamma-6 subunit                            | CACNG6      |
| Q96M83 | Coiled-coil domain-containing protein 7                                       | CCDC7       |
| Q99616 | C-C motif chemokine 13                                                       | CCL13       |
| P53634 | Dipeptidyl peptidase 1                                                       | CTSC        |
| Q95503 | Chromobox protein homolog 6                                                  | CBX6        |
| Q9NZZ3 | Charged multivesicular body protein 5                                         | CHMP5       |
| Q14011 | Cold-inducible RNA-binding protein                                            | CIRBP       |
| A6NNL5 | Uncharacterized protein C1orf61                                              | C1orf61     |
| Q96MX0 | Cbf1-like MARVEL transmembrane domain-containing protein 3                   | CMTM3       |
| P09543 | 2',3'-cyclic-nucleotide 3' - phosphodiesterase                               | CNP         |
| Q8IN1NO | C-type lectin domain family 4 member F                                      | CLEC4F      |
| Q92478 | C-type lectin domain family 2 member B                                      | CLEC2B      |
| POCOL4 | Complement C4-A                                                             | C4A         |
| O75153 | Clustered mitochondria protein homolog                                       | CLUH        |
| Q17RY0 | Cytoplasmic polyadenylation element-binding protein 4                        | CPEB4       |
| Q96H96 | 4-hydroxybenzoate polyprenyltransferase, mitochondrial                      | COQ2        |
| Accession | Description                                                                 | Symbol  |
|-----------|------------------------------------------------------------------------------|---------|
| Q8N123    | CPX chromosomal region candidate gene 1 protein                             | CPXCR1  |
| Q13324    | Corticotropin-releasing factor receptor 2                                     | CRHR2   |
| P11844    | Gamma-crystallin A                                                           | CRYGA   |
| Q96FQ7    | Putative uncharacterized protein encoded by LINC00526                         | LINC00526 |
| Q8N8Q8    | Cytochrome c oxidase assembly protein COX18, mitochondrial                   | COX18   |
| A6NLW8    | Double homeobox protein A                                                     | DUXA    |
| P17813    | Endoglin                                                                     | ENG     |
| Q9GZR5    | Elongation of very long chain fatty acids protein 4                          | ELOVL4  |
| Q32P44    | Echinoderm microtubule-associated protein-like 3                              | EML3    |
| Q95834    | Echinoderm microtubule-associated protein-like 2                              | EML2    |
| Q17RC7    | Exocyst complex component 3-like protein 4                                   | EXOC3L4 |
| Q5UX1     | F-box/WD repeat-containing protein 9                                          | FBXW9   |
| Q9H6D8    | Fibronectin type III domain-containing protein 4                             | FNDC4   |
| Q96AC1    | Fermitin family homolog 2                                                    | FERMT2  |
| P49356    | Protein farnesyltransferase subunit beta                                      | FNTB    |
| Q6DN72    | Fc receptor-like protein 6                                                    | FCRL6   |
| Q9HAH7    | Probable fibroin-1                                                           | FBR5    |
| Q9NZU0    | Leucine-rich repeat transmembrane protein FLRT3                              | FLRT3   |
| Q9Y297    | F-box/WD repeat-containing protein 1A                                         | BTRC    |
| Q9UH90    | F-box only protein 40                                                         | FBXO40  |
| Q9Y311    | F-box only protein 7                                                          | FBXO7   |
| Q8N878    | FERM domain-containing protein 1                                              | FRMD1   |
| Q5CZ0     | Fibrous sheath-interacting protein 2                                          | FSIP2   |
| Q5JV73    | FERM and PDZ domain-containing protein 3                                      | FRMPD3  |
| Q96PS6    | Putative uncharacterized protein GAFA-1                                      | GAF1    |
| Q99958    | Forkhead box protein C2                                                       | FOXC2   |
| Q43524    | Forkhead box protein O3                                                       | FOXO3   |
| Q7Z7M9    | Polypeptide N-acetylgalactosaminyltransferase 5                              | GALNT5  |
| P15328    | Folate receptor alpha                                                         | FOLR1   |
| Q86XP6    | Gastrokine-2                                                                 | GKN2    |
| Q8N7Z2    | Golgin subfamily A member 6-like protein 1                                   | GOLGA6L1 |
| P28476    | Gamma-aminobutyric acid receptor subunit rho-2                               | GABRR2  |
| Q9UB6     | Guanine nucleotide-binding protein G                                          | GNG12   |
| P52951    | Homeobox protein GBX-2                                                       | GBX2    |
| P28472    | Gamma-aminobutyric acid receptor subunit beta-3                              | GABRB3  |
| P30968    | Gonadotropin-releasing hormone receptor                                        | GNRHR   |
| P49863    | Granzyme K                                                                   | GZMK    |
| A6NK44    | Glyoxalase domain-containing protein 5                                         | GLOD5   |
| Q9BXV9    | EKC/KEOPS complex subunit GON7                                                | GON7    |
| Q9HC38    | Glyoxalase domain-containing protein 4                                         | GLOD4   |
| A8MQT2    | Golgin subfamily A member 8B                                                  | GOLGA8B |
| Q9UJ42    | Probable G-protein coupled receptor 160                                        | GPR160  |
| Accession | Protein Name                                                                 | Uniprot ID |
|-----------|------------------------------------------------------------------------------|------------|
| Q6P9A2    | Glycine receptor subunit alpha-2                                              | GLRA2      |
| P23416    | Solute carrier family 2, facilitated glucose transporter member 14            | SLC2A14    |
| Q9Y2T6    | G-protein coupled receptor 75                                                | GPR55      |
| O95800    | Probable G-protein coupled receptor 75                                       | GPR75      |
| P11168    | Solute carrier family 2, facilitated glucose transporter member 2             | SLC2A2     |
| Q535T9    | HCLS1-binding protein 3                                                      | HS1BP3     |
| Q9BIM1    | Histone H2AJ                                                                  | H2AJ       |
| O14756    | 17-beta-hydroxysteroid dehydrogenase type 6                                  | HSD17B6    |
| Q6DN03    | Putative histone H2B type 2-C                                                 | H2BC20P    |
| P07686    | Beta-hexosaminidase subunit beta                                              | HEXB       |
| A2RTY3    | Protein HEATR9                                                                | HEATR9     |
| Q6A08     | HEAT repeat-containing protein 6                                              | HEATR6     |
| P31271    | Homeobox protein Hox-A13                                                      | HOXA13     |
| P42357    | Histidine ammonia-lyase                                                       | HAL        |
| P3105     | Serine protease HTRA4                                                         | HTRA4      |
| Q9P2P5    | E3 ubiquitin-protein ligase                                                   | HECW2      |
| Q726Z7    | E3 ubiquitin-protein ligase                                                   | HUWE1      |
| O60556    | Heterogeneous nuclear ribonucleoprotein Q                                    | SYNCRIP     |
| P01782    | Immunoglobulin heavy variable 3-9                                             | IGHV3-9    |
| P09429    | High mobility group protein B1                                               | HMG8B      |
| S4R35Y    | Humanin-like 11                                                               | MTRNR2L1_1 |
| Q13099    | Intraflagellar transport protein 88 homolog                                  | IFT88      |
| Q99665    | Interleukin-12 receptor subunit beta-2                                        | IL12RB2    |
| O95976    | Immunoglobulin superfamily member 6                                          | IGSF6      |
| Q9NX62    | Golgi-resident adenosine 3',5'-bisphosphate 3'-phosphatase                    | BPNT2      |
| Q6Z2QW0   | Indoleamine 2,3-dioxygenase 2                                                 | IDO2       |
| A6NMX2    | Eukaryotic translation initiation factor 4E type 1B                           | EIF4E1B    |
| Q8WX77    | Insulin-like growth factor-binding protein-like 1                             | IGFBP1L    |
| Q4G0P3    | Hydrocephalus-inducing protein homolog                                        | HYDIN      |
| Q9H1K1    | Iron-sulfur cluster assembly enzyme ISCU, mitochondrial                      | ISCNU      |
| Q5V4V3    | Dyslexia-associated protein KIAA0319                                         | KIAA0319   |
| P27987    | Inositol-trisphosphate 3-kinase B                                            | ITPKB      |
| Q9UH9H    | Inositol hexakisposphate kinase 2                                             | IP6K2      |
| P27144    | Adenylate kinase 4, mitochondrial                                            | AK4        |
| Q12912    | Inositol 1,4,5-trisphosphate receptor associated 2                            | IRAQ2      |
| P05787    | Keratin, type II cytoskeletal 8                                              | KRT8       |
| P05568    | Adenylate kinase isoenzyme 1                                                 | AK1        |
| Q8N8D9    | Uncharacterized protein IRF1-AS1                                              | IRF1-AS1   |
| P05154    | Plasma serine protease inhibitor                                              | SERPIN5    |
| Q96J6     | Junctophilin-4                                                               | JPH4       |
| Q14654    | Insulin receptor substrate 4                                                 | IRS4       |
| Q9Y496    | Kinesin-like protein KIF3A                                                    | KIF3A      |
| Q12918    | Killer cell lectin-like receptor subfamily B member 1                        | KLRB1      |
| O75582    | Ribosomal protein S6 kinase alpha-5                                           | RPS6KA5    |
| Q8IYT4    | Katanin p60 ATPase-containing subunit A-like 2                               | KATNAL2    |
| Q16566    | Calcium/calmodulin-dependent protein kinase type IV                           | CAMK4      |
| Gene ID   | Protein Name                                                                 |
|----------|------------------------------------------------------------------------------|
| P01614   | Immunoglobulin kappa variable 2D-40                                          |
| Q13064   | Probable E3 ubiquitin–protein ligase makorin-3                               |
| A0A0C5BS6 | Mitochondrial-derived peptide MOTS-c                                          |
| Q8NCE2   | Myotubularin–related protein 14                                               |
| P13995   | Bifunctional methylenetricarboxylase, cyclohydrolase, mitochondrial           |
| O14777   | Kinetochoore protein NDC80 homolog                                            |
| Q96M43   | Neuroblastoma breakpoint family member 4                                      |
| E9PAV3   | Nascent polypeptide–associated complex subunit alpha, muscle-specific form   |
| Q7Z4O1   | C-myc promoter–binding protein                                                |
| Q6P582   | Mitotic-spindle organizing protein 2A                                           |
| Q6T113   | N-acyltransferase 25, NatB auxiliary subunit                                  |
| Q930I5   | N-acyltransferase 80                                                         |
| A6PV13   | Nuclear cap–binding protein subunit 2-like                                     |
| Q76O36   | Natural cytotoxicity triggering receptor 1                                    |
| P62166   | Neuronal calcium sensor 1                                                     |
| P29371   | Neuromedin-K receptor                                                        |
| P26715   | NKG2-A/NKG2-B type II integral membrane protein                               |
| Q9CO01   | NACH, LRR and PYD domains-containing protein 1                                |
| Q98V14   | Nucleolar complex protein 4 homolog                                           |
| Q9NPHX5  | NADPH oxidase 4                                                               |
| Q9HA3    | Neurogenin–2                                                                  |
| P52329   | Nucleosome assembly protein 1–like 1                                           |
| P15559   | NAD                                                                           |
| Q8IU5K   | Plexin domain–containing protein 1                                            |
| Q6P4R8   | Nuclear factor related to kappa–B-binding protein                             |
| P49116   | Nuclear receptor subfamily 2 group C member 2                                 |
| Q96R1    | Bile acid receptor                                                            |
| Q6P9R8   | Palmitoleoyl–protein carboxylesterase NOTUM                                    |
| P6748    | Nucleophosmin                                                                 |
| O94916   | Nuclear factor of activated T-cells 5                                         |
| Q9631    | Netrin-1                                                                      |
| Q16621   | Transcription factor NF-E2 45 kDa subunit                                     |
| Q9HNP2   | Negative elongation factor A                                                  |
| Q81XM6   | Nurim                                                                         |
| Q6ZVK8   | 8-oxo-dGDP phosphatase NUDT18                                                 |
| Q14973   | Sodium/bile acid cotransporter SLC10A1                                         |
| Q9NZ9J   | Diphosphoinositol polyphosphate phosphohydrolase 2                            |
| Q99W91   | ADP-ribose pyrophosphatase, mitochondrial                                    |
| Q96R69   | Olfactory receptor 4F4                                                        |
| P00973   | 2–5′-oligoadenylate synthase 1                                                |
| P58170   | Olfactory receptor 1DS                                                       |
| Accession | Protein Name                                                                 | Description                                      |
|-----------|------------------------------------------------------------------------------|--------------------------------------------------|
| P37287    | Phosphatidylinositol N-acetylglucosaminyltransferase subunit A              | PIGA                                             |
| P27986    | Phosphatidylinositol 3-kinase regulatory subunit alpha                       | PIK3R1                                           |
| P32322    | Pyrroline-5-carboxylate reductase 1, mitochondrial                          | PYCR1                                            |
| Q72442    | Polycystic kidney disease protein 1-like 2                                   | PKD1L2                                           |
| P25786    | Proteasome subunit alpha type-1                                              | PSMA1                                            |
| O00562    | Membrane-associated phosphatidylinositol transfer protein 1                 | PITPMN1                                          |
| Q723Z4    | Pwi-like protein 4                                                           | PIWIL4                                           |
| Q14684    | Prostaglandin E synthase                                                     | PTGES                                            |
| Q96P20    | Pseudouridylate synthase 7 homolog                                          | PUS7                                             |
| P35241    | Radixin                                                                      | RDX                                              |
| Q00765    | Receptor expression-enhancing protein 5                                      | REEP5                                            |
| Q94762    | ATP-dependent DNA helicase Q5                                                 | RECOL5                                           |
| O60895    | Receptor activity-modifying protein 2                                        | RAMP2                                            |
| Q15311    | RaIA-binding protein 1                                                       | RALBP1                                           |
| P35243    | Recoverin                                                                    | RCVRN                                            |
| Q15276    | Rab GTPase-binding effector protein 1                                        | RABEP1                                           |
| P51153    | Ras-related protein Rab-13                                                   | RAB13                                            |
| P77735    | Ras-related protein Rab-25                                                   | RAB25                                            |
| P20338    | Ras-related protein Rab-4A                                                   | RAB4A                                            |
| Q14C88    | Rho GTPase-activating protein 19                                              | ARHGAP19                                         |
| Q5T8P6    | RNA-binding protein 26                                                       | RBM26                                            |
| Q6UXK2    | Immunoglobulin superfamily containing leucine-rich repeat protein 2         | ISLR2                                            |
| P61925    | cAMP-dependent protein kinase inhibitor alpha                                 | PKIA                                             |
| Q969R8    | KICSTOR complex protein ITFG2                                                 | ITFG2                                            |
| Q98UE6    | Iron-sulfur cluster assembly 1 homolog, mitochondrial                       | ISCA1                                            |
| Q9Y6Z4    | Putative uncharacterized protein KIF25-AS1                                    | KIF25-AS1                                        |
| Q3L76     | Keratin-associated protein 15-1                                               | KRTAP15-1                                        |
| Q6L8G4    | Keratin-associated protein 5-11                                               | KRTAP5-11                                        |
| Q8TDN2    | Potassium voltage-gated channel subfamily V member 2                         | KCNV2                                            |
| P17658    | Potassium voltage-gated channel subfamily A member 6                         | KCNA6                                            |
| O43896    | Kinesin-like protein KIF1C                                                    | KIF1C                                            |
| Q3LH1N    | Keratin-associated protein 21-3                                               | KRTAP21-3                                        |
| Q9BY9P7   | Keratin-associated protein 9-9                                                | KRTAP9-9                                         |
| P079R42   | Laminin subunit beta-1                                                       | LAMB1                                            |
| A0A0C4DH72| Immunoglobulin kappa variable 1-6                                             | IGKV1-6                                          |
| O00292    | Left-right determination factor 2                                             | LEFTY2                                           |
| A6NM62    | Leucine-rich repeat-containing protein 53                                     | LLRC53                                           |
| Q8N386    | Leucine-rich repeat-containing protein 25                                     | LLRC25                                           |
| Q96NW7    | Leucine-rich repeat-containing protein 7                                      | LLRC7                                            |
| Q9P244    | Leucine-rich repeat and fibronectin type III domain-containing protein 1     | LRFN1                                            |
| Q13449    | Limbic system-associated membrane protein                                    | LSAMP                                            |
| Q9BX40    | Protein LSM14 homolog B                                                       | LSM14B                                           |
| O75342    | Arachidonate 12-lipoxygenase, 12R-type                                       | ALOX12B                                          |
| Accession | Description                                                                 | Name                          |
|-----------|------------------------------------------------------------------------------|-------------------------------|
| Q9H089    | Large subunit GTPase 1 homolog                                                | LSG1                          |
| Q3MHD2    | Protein LSM12 homolog                                                         | LSM12                         |
| Q6VMQ6    | Activating transcription factor 7-interacting protein 1                       | ATF7IP                        |
| Q86V48    | Leucine zipper protein 1                                                      | LUZP1                         |
| A0A087W5X0| Immunoglobulin lambda variable 5-45                                            | IGLV5-45                      |
| A0A075B6G7| Probable non-functional immunoglobulin lambda variable 5-48                   | IGLV5-48                      |
| Q86YW9    | Mediator of RNA polymerase II transcription subunit 12-like protein            | MED12L                        |
| Q13257    | Mitotic spindle assembly checkpoint protein MAD2A                             | MAD2L1                        |
| O43318    | Mitogen-activated protein kinase kinase kinase 7                              | MAP3K7                        |
| Q9Y4F3    | Meiosis regulator and mRNA stability factor 1                                 | MARF1                         |
| Q86UL8    | Membrane-associated guanylate kinase, WW and PDZ domain-containing protein 2  | MAGI2                         |
| P25205    | DNA replication licensing factor MCM3                                          | MCM3                          |
| A6NN69    | E3 ubiquitin-protein ligase MARCHF11                                           | MARCHF11                      |
| Q9UNP1    | Melanoma-associated antigen D2                                                 | MAGED2                        |
| Q9H7P6    | Multivesicular body subunit 12B                                               | MVB12B                        |
| Q9NPA3    | Mid1-interacting protein 1                                                    | MID1IP1                       |
| Q75444    | Transcription factor Maf                                                      | MAF                           |
| Q15406    | Nuclear receptor subfamily 6 group A member 1                                 | NR6A1                         |
| Q9HL10    | Uncharacterized protein MIR1-1HG                                               | MIR1-1HG                      |
| Q9GZQ8    | Microtubule-associated proteins 1A/1B light chain 3B                          | MAP1LC3B                      |
| P21741    | Midkine                                                                      | MDK                           |
| Q8TD08    | Mitogen-activated protein kinase 15                                            | MAPK15                        |
| Q08431    | Lactadherin                                                                  | MFGE8                         |
| Q14728    | Major facilitator superfamily domain-containing protein 10                   | MFSD10                        |
| Q9NZW5    | MAGUK p55 subfamily member 6                                                  | MPP6                          |
| Q96LB2    | Mas-related G-protein coupled receptor member X1                              | MRGPRX1                       |
| Q96KJ4    | Mesothelin-like protein                                                       | MSLNL                         |
| O14511    | Pro-neuregulin-2, membrane-bound isomran                                      | NRG2                          |
| Q8NGL4    | Olfactory receptor 5D13                                                       | OR5D13                        |
| Q43749    | Olfactory receptor 1F1                                                        | OR1F1                         |
| Q8NGD2    | Olfactory receptor 4K2                                                        | OR4K2                         |
| A3KFT3    | Olfactory receptor 2M5                                                        | OR2M5                         |
| Q7RTZ1    | Ovochymase-2                                                                 | OVCCH2                        |
| P41586    | Pituitary adenylate cyclase-activating polypeptide type I receptor             | ADCYAP1R1                     |
| Q9Y5F9    | Protocadherin gamma-B6                                                        | PCDHGB6                       |
| P42785    | Lysosomal Pro-X carboxypeptidase                                               | PRCP                          |
| Q8IW50    | PHD finger protein 6                                                           | PHF6                          |
| P0DD9D    | PepS A-5                                                                     | PSGA5                         |
| Q72412    | Peroxisome assembly protein 26                                                | PEX26                         |
| P61995    | 26S proteasome regulatory subunit 8                                            | PSMC5                         |
| Q96PJ8    | Protein quaking                                                              | QKI                           |
| Q13610    | Periodic tryptophan protein 1 homolog                                         | PWP1                          |
| Q92878    | DNA repair protein RAD50                                                      | RAD50                         |
| Ensembl ID | Description                                                                 | Symbol  |
|------------|-----------------------------------------------------------------------------|---------|
| Q8NHQ8     | Ras association domain-containing protein 8                                 | RASSF8  |
| Q5R372     | Rab GTPase-activating protein 1- like                                        | RABGAP1L|
| Q98UV8     | Respirosome Complex Assembly Factor 1                                        | RABSF1  |
| P43487     | Ran-specific GTPase-activating protein                                       | RANBP1  |
| Q81YV9     | Izumo sperm-egg fusion protein 1                                             | IZUMO1  |
| Q6E8N5     | Uncharacterized protein KIAA0895-like                                       | KIAA0895L|
| Q9NSK0     | Kinesin light chain 4                                                        | KLC4    |
| O43448     | Voltage-gated potassium channel subunit beta-3                              | KCNAB3  |
| Q12809     | Potassium voltage-gated channel subfamily H member 2                         | KCNH2   |
| Q92764     | Keratin, type I cuticular Ha5                                                | KRT35   |
| Q3SY46     | Keratin-associated protein 13-3                                              | KRTAP13-3|
| P46019     | Phosphorylase b kinase regulatory subunit alpha, liver isofrom               | PHKA2   |
| A0A0C4DH69| Immunoglobulin kappa variable 1-9                                            | IGKV1-9 |
| Q8NGD4     | Olfactory receptor 4K1                                                       | OR4K1   |
| Q9UHY1     | Nuclear receptor-binding protein                                             | NRBP1   |
| Q96R27     | Olfactory receptor 2M4                                                       | OR2M4   |
| P47888     | Olfactory receptor 3A3                                                       | OR3A3   |
| Q9BXW2     | Oligonucleolar and spindle-associated protein 1                              | NUSAP1  |
| Q9NGK9     | Olfactory receptor 5D16                                                      | OR5D16  |
| A8NH00     | Olfactory receptor 218                                                      | OR218   |
| P46459     | Vesicle-fusing ATPase                                                        | NSF     |
| Q8NGN7     | Putative olfactory receptor 10D4                                             | OR10D4  |
| Q8NG77     | Olfactory receptor 2T12                                                      | OR2T12  |
| B2RN74     | Olfactory receptor 11H12                                                     | OR11H12 |
| Q8WW28     | Oncoprotein-induced transcript 3 protein                                    | OIT3    |
| Q9UGF7     | Olfactory receptor 12D3                                                      | OR12D3  |
| P12694     | 2-oxoisovalerate dehydrogenase subunit alpha, mitochondrial                 | BCKDHA  |
| Q98XX6     | Oxysterol-binding protein-related protein 1                                  | OSBP1L1A|
| Q96RD6     | Pannexin-2                                                                  | PANX2   |
| P39877     | Phospholipase A2 group V                                                     | PLA2G5  |
| Q9NV79     | Protein-L-isosaprtate O-methyltransferase domain-containing protein 2        | PCMTD2  |
| P30101     | Protein disulfide-isomerase A3                                               | PDIA3   |
| Q43933     | Peroxisome biogenesis factor 1                                               | PEX1    |
| Q9H326     | Phosphatidylinositol-glycan biosynthesis class F protein                      | PIGF    |
| Q9H300     | Presenilins-associated rhomboid-like protein, mitochondrial                 | PARL    |
| Q8NE65     | Phospholipid phosphatase 5                                                   | PLPP5   |
| Q81Y17     | Patatin-like phospholipase domain-containing protein 6                       | PNPLA6  |
| A0A0J9YYXQ4| Paraneoplastic antigen Ma6E                                                  | PNMA6E  |
| O75051     | Plexin-A2                                                                   | PLXNA2  |
| Q5H9R7     | Serine/threonine-protein phosphatase 6 regulatory subunit 3                 | PPP6R3  |
| Q9NP85     | Podocin                                                                     | NPHS2   |
| Q9NNZ26    | Protamine-3                                                                 | PRM3    |
| Q9UKN5     | PR domain zinc finger protein 4                                              | PRDM4   |
| Q98Q17     | PH and SEC7 domain-containing protein 2                                      | PSD2    |
| P18433     | Receptor-type tyrosine-protein phosphatase alpha                             | PTPRA   |
| Accession | Description                                                                 |
|-----------|-----------------------------------------------------------------------------|
| Q9UL46    | Proteasome activator complex subunit 2                                       |
| Q4JDL3    | Tyrosine-protein phosphatase non-receptor type 20                            |
| Q8N2H3    | Pyridine nucleotide-disulfide oxidoreductase domain-containing protein 2      |
| O00391    | Sulfhydryl oxidase 1                                                         |
| Q8N028    | tRNA pseudouridine synthase-like 1                                           |
| Q9Y3P9    | Rab GTPase-activating protein 1                                              |
| P20936    | Ras GTPase-activating protein 1                                              |
| Q8WXF3    | Relaxin-3                                                                   |
| Q9PQ7     | Ankycorbin                                                                  |
| P11234    | Ras-related protein Rac-B                                                    |
| Q9H6H4    | Receptor expression-enhancing protein 4                                     |
| P61026    | Ras-related protein Rab-10                                                  |
| Q09028    | Histone-binding protein RBBP4                                                |
| Q92804    | TATA-binding protein-associated factor 2N                                    |
| Q9NS39    | Double-stranded RNA-specific editase B2                                     |
| Q14498    | RNA-binding protein 39                                                       |
| P20336    | Ras-related protein Rac-3A                                                  |
| O60671    | Cell cycle checkpoint protein                                                |
| Q86U06    | Probable RNA-binding protein 23                                              |
| P57052    | Splicing regulator Rbm11                                                    |
| O43665    | Regulator of G-protein signaling 10                                          |
| Q9Y3P4    | Rhomboid domain-containing protein 3                                         |
| Q8TB9     | Rhomboid-related protein 4                                                  |
| Q15669    | Rho-related GTP-binding protein RhoH                                         |
| Q9NPQ8    | Synembryn-A                                                                 |
| Q12756    | Kinesin-like protein KIF1A                                                   |
| Q5UK3     | Potassium channel subfamily T member 1                                      |
| P05129    | Protein kinase C gamma type                                                  |
| Q6Z4B     | Kielin/chordin-like protein                                                  |
| Q15773    | Myeloid leukemia factor 2                                                    |
| Q86U97    | Neurophilin-2                                                                |
| Q9RZ68    | Molybdenum cofactor biosynthesis protein 1                                   |
| Q96C03    | Mitochondrial dynamics protein MID49                                         |
| P43246    | DNA mismatch repair protein Msh2                                             |
| Q75439    | Mitochondrial-processing peptidase subunit beta                              |
| Q9ULH7    | Myocardin-related transcription factor B                                     |
| Q9HCI7    | E3 ubiquitin-protein ligase MSL2                                             |
| Q13875    | Myelin-associated oligodendrocyte basic protein                             |
| P49959    | Double-strand break repair protein MRE11                                     |
| Q9Y5S2    | Serine/threonine-protein kinase MRCK beta                                     |
| P36021    | Monocarboxylate transporter 8                                                |
| Q8WZ82    | Esterase OVCA2                                                               |
| Q8N6M0    | Deubiquitinase OTUD6B                                                        |
| Q6VD9     | GPI mannosyltransferase 4                                                    |
| P60510    | Serine/threonine-protein phosphatase 4 catalytic subunit                     |
| O14830    | Serine/threonine-protein phosphatase with EF-hands 2                        |
| O75688    | Protein phosphatase 1B                                                       |
| Q99575       | Ribonucleases P/MRP protein subunit POP1 | POP1 |
|------------|----------------------------------------|------|
| Q9UJP8      | Zinc finger protein PLAGL2              | PLAGL2 |
| Q9H4M7      | Pleckstrin homology domain-containing family A member 4 | PLEKHA4 |
| P53816      | Phospholipase A and acyltransferase 3   | PLAAT3 |
| Q9HAU0      | Pleckstrin homology domain-containing family A member 5 | PLEKHA5 |
| Q9Y2H5      | Pleckstrin homology domain-containing family A member 6 | PLEKHA6 |
| Q9UL19      | Phospholipase A and acyltransferase 4   | PLAAT4 |
| Q96KN8      | Phospholipase A and acyltransferase 5   | PLAAT5 |
| O75364      | Pituitary homeobox 3                    | PITX3 |
| P51178      | 1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase delta-1 | PLCD1 |
| Q14997      | Proteasome activator complex subunit 4  | PSME4 |
| Q00217      | Dihydroorotate dehydrogenase            | DHODH |
| Q7RTV5      | Peroxiredoxin-like 2C                   | PRXL2C |
| Q9BZE2      | tRNA pseudouridine                      | PUS3 |
| P0DJ4       | RNA-binding motif protein, Y chromosome, family 1 member C | RBMY1C |
| Q98TL3      | RNA guanine-N7 methyltransferase activating subunit | RAMAC |
| Q95072      | Meiotic recombination protein REC8 homolog | REC8 |
| Q8WXXH6     | Ras-related protein Rab-40A             | RAB40A |
| Q8NC74      | RBBP8 N-terminal-like protein           | RBBP8NL |
| Q8IDY2      | RB1-inducible coiled-coil protein       | RB1CC1 |
| Q9H902      | Receptor expression-enhancing protein 1 | REEP1 |
| Q6NUJK4     | Receptor expression-enhancing protein 3 | REEP3 |
| Q96A8H      | Ras-related protein Rab-7b              | RAB7B |
| Q6ZSC3      | RNA-binding protein 43                  | RBM43 |
| Q9BR9R      | Rho GTPase-activating protein 9          | ARHGAP9 |
| P11148      | Ras-related protein Rab-5C              | RAB5C |
| Q6WKZ4      | Rab11 family-interacting protein 1      | RAB11FIP1 |
| A6NKT7      | RanBP2-like and GRIP domain-containing protein 3 | RGPD3 |
| Q7Z3J3      | RanBP2-like and GRIP domain-containing protein 4 | RGPD4 |
| Q96MK2      | RIPOR family member 3                   | RIPOR3 |
| Q14699      | Rafflin                                | RFTN1 |
| P09455      | Retinol-binding protein 1               | RBP1 |
| Q8IU8F      | Ribosomal oxygenase 2                   | RIOX2 |
| Q53G59      | Kelch-like protein 12                   | KLHL12 |
| P48730      | Casein kinase 1 isoform delta           | CSNK1D |
| Q14500      | ATP-sensitive inward rectifier potassium channel 12 | KCNJ12 |
| Q3LHN2      | Keratin-associated protein 19-2         | KRTAP19-2 |
| P22460      | Potassium voltage-gated channel subfamily A member 5 | KCNA5 |
| Q8NSZ5      | BTB/POZ domain-containing protein KCTD17 | KCTD17 |
| Q96EK9      | Protein KTI12 homolog                   | KTI12 |
| A6PVL3      | Kinocilin                              | KCNC |
| Q5JUW0      | KRAB domain-containing protein 4        | KRBOX4 |
| P01599      | Immunoglobulin kappa variable 1-17      | IGKV1-17 |
| P10620      | Microsomal glutathione S-transferase 1  | MGST1 |
| Q14950      | Myosin regulatory light chain 12B       | MYL12B |
| P00037 | Major facilitator superfamily domain-containing protein 9 | MFSD9 |
|--------|----------------------------------------------------------|-------|
| O43347 | RNA-binding protein Musashi homolog 1 | MSI1 |
| Q01726 | Melanocyte-stimulating hormone receptor | MC1R |
| Q6Q8B3 | Cell surface glycoprotein CD200 receptor 2 | CD200R1L |
| Q9NXE4 | Sphingomyelin phosphodiesterase 4 | SMPD4 |
| Q99748 | Neurturin | NRTN |
| Q95478 | Ribosome biogenesis protein NSA2 homolog | NSA2 |
| Q58KU9 | Oxidoreductase-like domain-containing protein 1 | OXLD1 |
| Q6IF00 | Olfactory receptor 2T2 | OR2T2 |
| Q12769 | Nuclear pore complex protein Nup160 | NUP160 |
| Q96RD0 | Olfactory receptor 8B2 | OR8B2 |
| P41217 | OX-2 membrane glycoprotein | CD200 |
| Q5TZ20 | Olfactory receptor 2G6 | OR2G6 |
| Q6O431 | Olfactory receptor 1I1 | OR1I1 |
| P08100 | Rhodopsin | RHO |
| Q5TC84 | Opioid growth factor receptor-like protein 1 | OGFR1L |
| Q8NGT7 | Olfactory receptor 2A12 | OR2A12 |
| Q8NHS4 | Olfactory receptor 56A3 | OR56A3 |
| Q9B2R6 | Osteoclast stimulatory transmembrane protein | OCSTAMP |
| Q96RD3 | Olfactory receptor 52E6 | OR52E6 |
| Q8NGH8 | Olfactory receptor 56A4 | OR56A4 |
| P0C617 | Olfactory receptor 5A1 | OR5A1 |
| Q5VF3 | Olfactory domain-containing protein 2 | OCLD2 |
| A8GC34 | Nuclear envelope pore membrane protein POM 121C | POM121C |
| A0A0B4J2A2 | Peptidyl-prolyl cis-trans isomerase A-like 4C | PPIAL4C |
| Q9H813 | Proton-activated chloride channel | PACC1 |
| Q6LQ7 | 2',5'-phosphodiesterase 12 | PDE12 |
| Q16625 | Occludin | OCLN |
| P40425 | Pre-B-cell leukemia transcription factor 2 | PBX2 |
| Q9NX6 | Membrane progestin receptor gamma | PAQR5 |
| Q6O829 | P antigen family member 4 | PAGE4 |
| Q460N3 | Protein mono-ADP-ribosyltransferase PARP15 | PARP15 |
| Q9NP56 | cAMP-specific 3',5'-cyclic phosphodiesterase 7B | PDE7B |
| Q98YG5 | Partitioning defective 6 homolog beta | PARD6B |
| Q95S7E | Protocadherin beta-2 | PCDH2 |
| P05120 | Plasminogen activator inhibitor 2 | SERPINB2 |
| P41231 | P2Y purinoceptor 2 | P2RY2 |
| Q95S3 | Protocadherin alpha-1 | PCDHA1 |
| A5PL7 | Plasmalyselathionamine desaturase | PED51 |
| Q96G91 | P2Y purinoceptor 11 | P2RY11 |
| Q96NT5 | Proton-coupled folate transporter | SLC46A1 |
| A6NGD6 | Glycerol-3-phosphate phosphatase | PGP |
| P53609 | Geranylgeranyl transferase type-1 subunit beta | PGGT1B |
| Q94880 | PHD finger protein 14 | PHF14 |
| P07585 | Decorin | DCN |
| Q96HS1 | Serine/threonine-protein phosphatase PGAM5, mitochondrial | PGAM5 |
| Q9NRX1 | RNA-binding protein PNO1 | PNO1 |
| Q99640 | Membrane-associated tyrosine- and threonine-specific cdc2-inhibitory kinase | PKMYT1 |
|--------|-------------------------------------------------------------------------|--------|
| P40306 | Proteasome subunit beta type-10                                         | PSMB10 |
| Q9GZP4 | PTH domain-containing protein 1                                          | PITD1 |
| A5LHX3 | Proteasome subunit beta type-11                                          | PSMB11 |
| Q6PSZ2 | Serine/threonine-protein kinase N3                                       | PKN3  |
| P86479 | Proline-rich protein 20C                                                 | PRR20C |
| Q9BWN1 | Proline-rich protein 14                                                  | PRR14 |
| Q9NQX0 | Putative histone-lysine N-methyltransferase PRDM6                        | PRDM6 |
| A0A0G2JM | PRAME family member 33                                                | PRAMEF33 |
| P02812 | Basic salivary proline-rich protein                                      | PRB2  |
| Q9NQV5 | PR domain-containing protein 11                                          | PRDM11 |
| Q14691 | DNA replication complex GINS protein PSF1                               | GINS1 |
| Q15238 | Pregnancy-specific beta-1-glycoprotein 5                                | PSG5  |
| Q96QH2 | PML-RARA-regulated adapter molecule 1                                   | PRAM1 |
| O60809 | PRAME family member 10                                                  | PRAMEF10 |
| Q9HK6  | Pseudouridylate synthase 7 homolog-like protein                          | PUS7L |
| Q9HBH5 | Retinol dehydrogenase 14                                                | RDH14 |
| Q94761 | ATP-dependent DNA helicase Q4                                            | RECQL4 |
| Q8LUW5 | RELT-like protein 1                                                     | REL1  |
| P11233 | Ras-related protein Ral-A                                                | RALA  |
| O60894 | Receptor activity-modifying protein 1                                   | RAMP1 |
| Q96S21 | Ras-related protein Rab-40C                                              | RAB40C |
| Q5HYB  | Rab-like protein 3                                                       | RABL3 |
| Q96H35 | Probable RNA-binding protein 18                                          | RBM18 |
| Q5JS13 | Ras-specific guanine nucleotide-releasing factor RalGPS1                 | RALGPS1 |
| Q9H910 | Jupiter microtubule associated homolog 2                                | JPT2  |
| Q76095 | Protein JTB                                                             | JTB   |
| P23458 | Tyrosine-protein kinase JAK1                                             | JAK1  |
| Q8WYK2 | Jun dimerization protein 2                                               | JDP2  |
| P55073 | Thyroxine 5-deiodinase                                                   | DIO3  |
| Q15181 | Inorganic pyrophosphatase                                                | PPA1  |
| Q9UK17 | Potassium voltage-gated channel subfamily D member 3                    | KCND3 |
| P49862 | Kalikrein-7                                                             | KLK7  |
| Q9N513 | Potassium channel regulatory protein                                     | KCNRG |
| Q8NEE0 | Putative uncharacterized protein                                        | KLHL30-AS1 |
| Q9UG16 | Small conductance calcium-activated potassium channel protein 3         | KCNN3 |
| Q3L8I | Keratin-associated protein 27-1                                          | KRTAP27-1 |
| P60410 | Keratin-associated protein 10-3                                          | KRTAP10-8 |
| Q3L86  | Keratin-associated protein 6-2                                           | KRTAP6-2 |
| Q719H9 | BTB/POZ domain-containing protein KCTD1                                  | KCTD1 |
| Q9UPM6 | LIM/homeobox protein Lhx6                                                | LHX6  |
| P32004 | Neural cell adhesion molecule L1                                         | L1CAM |
| A0A0C4DH | Immunoglobulin kappa variable 6-21                                       | IGKV6-21 |
| Q5TA81 | Late cornified envelope protein 2C                                       | LCE2C |
| Q96BZ8 | Leukocyte receptor cluster member 1                                      | LENG1 |
| Q96B70 | Leukocyte receptor cluster member 9                                      | LENG9 |
| P50281 | Matrix metalloproteinase-14                                              | MMP14 |
| Q9H306 | Matrix metalloproteinase-27                                              | MMP27 |
| ID     | Description                                                                 |
|--------|-----------------------------------------------------------------------------|
| O60291 | E3 ubiquitin-protein ligase MGRN1                                            |
| Q9H3V2 | Membrane-spanning 4-domains subfamily A member 5 MS4A5                      |
| Q00750 | Dual specificity mitogen-activated protein kinase 1 MAP2K1                  |
| Q08NG23| Olfactory receptor 13G1 OR13G1                                              |
| Q96007 | Molybdopterin synthase catalytic subunit MOCS2                              |
| P34130 | Neurotrophin-4 NTF4                                                        |
| Q726K4 | Notch-regulated ankyrin repeat-containing protein NRARP                     |
| Q9NSY0 | Nuclear receptor-binding protein 2 NRBP2                                   |
| Q99RN5 | Olfactomedin-like protein 3 OLFML3                                          |
| Q5VVQ6 | Ubiquitin thioesterase OTU1 YOD1                                            |
| Q8NGY0 | Olfactory receptor 10X1 OR10X1                                             |
| Q8NGB8 | Olfactory receptor 4F15 OR4F15                                             |
| Q56VL3 | OCIA domain-containing protein OCIAD2                                       |
| Q86VP3 | Phosphatidyl-prolyl cis-trans isomerase A-like 4D PPIAL4D                   |
| O14813 | Paired mesoderm homeobox protein 2A PHOX2A                                  |
| Q99570 | Phosphoinositide 3-kinase regulatory subunit 4 PIK3R4                        |
| Q8N2W9 | E3 SUMO-protein ligase Pias4 Pias4                                          |
| Q6PCE3 | Glucose 1,6-bisphosphate synthase PGM2L1                                    |
| O15212 | Prefoldin subunit 6 PFDN6                                                   |
| Q96FA3 | E3 ubiquitin-protein ligase pellino homolog 1 PEL1                          |
| Q9HCM2 | Plexin-A4 PLXNA4                                                           |
| Q8WVV4 | Protein POF1B POF1B                                                         |
| P09619 | Platelet-derived growth factor receptor beta PDGFRB                         |
| P49763 | Placenta growth factor PGF                                                  |
| Q8NFJ6 | Prokineticin receptor 2 PROKR2                                               |
| Q00722 | 1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase beta-2 PLCB2      |
| Q0ZLH3 | Peyvakin PJVK                                                              |
| A6NEY8 | Putative prolyl-tRNA synthetase associated domain-containing protein 1 PRORS1P |
| P49721 | Proteasome subunit beta type-2 PSMB2                                       |
| Q8WUY3 | Protein prune homolog 2 PRUNE2                                               |
| P35080 | Profilin-2 PFN2                                                            |
| Q96MT3 | Prickle-like protein 1 PRICKLE1                                             |
| Q86SH4 | Putative testis-specific prion protein PRNT                                 |
| Q9B0J68| Proline-rich protein 15-like PRRI5L                                        |
| Q6U63N | Reticulon-4 receptor-like 2 RTN4RL2                                         |
| Q9UIH5 | Large neutral amino acids transporter small subunit 2 SLC7A8                |
| Q9NNQ76| Matrix extracellular phosphoglycoprotein MEPE                               |
| Q9H2D1 | Mitochondrial folate transporter/carrier SLC25A32                           |
| Q96A46 | Mitoferrin-2 SLC25A28                                                       |
| P40692 | DNA mismatch repair protein MLH1                                             |
| Q49T6 | Membrane metallo-endopeptidase-like 1 MMEL1                                |
| Q9HD23 | Magnesium transporter MRS2 homolog, mitochondrial MRS2                     |
| Q8TD46 | Cell surface glycoprotein CD200 receptor 1 CD200R1                         |
| Q5VT25 | Serine/threonine-protein kinase MRCK alpha CDC42BPA                         |
| Accession  | Description                                                                 |
|------------|-----------------------------------------------------------------------------|
| Q6UXH9     | Inactive serine protease PAMR1                                              |
| Q9Y2Z2     | Protein MTO1 homolog, mitochondrial                                         |
| Q8IVN3     | Musculoskeletal embryonic nuclear protein 1                                 |
| P42345     | Serine/threonine-protein kinase mTOR                                          |
| P80297     | Metallothionein-1X                                                           |
| Q4G0N4     | NAD kinase 2, mitochondrial                                                  |
| Q98ZK3     | Putative nascent polypeptide-associated complex subunit alpha-like protein   |
| Q002083    | N-acylethanolamine-hydrolyzing acid amidase                                  |
| P41227     | N-α-acetyltransferase 10                                                     |
| Q9Y4I1     | Unconventional myosin-Va                                                     |
| A6N172     | Putative neutrophil cytosol factor 18                                        |
| P0C2Y1     | Putative neuroblastoma breakpoint family member 7                            |
| Q6PU2      | Neutral cholesterol ester hydrolase                                          |
| Q5VU43     | Myomegalin                                                                  |
| P40205     | N-cym protein                                                                |
| Q8NA29     | Sodium-dependent lysophosphatidylcholine symporter 1                         |
| Q9UKX3     | Myosin-13                                                                   |
| Q07444     | NKG2-E type II integral membrane protein                                     |
| Q8NFA2     | NADPH oxidase organizer 1                                                    |
| Q75323     | Protein NipSnap homolog 2                                                    |
| Q98ZQ4     | Nicotinamide/nicotinic acid mononucleotide adenyllyltransferase 2             |
| Q15818     | Neuronal pentraxin-1                                                         |
| O15399     | Glutamate receptor ionotrophic, NMDA 2D                                      |
| P61582     | Endogenous retrovirus group K member 7 Np9 protein                           |
| Q95YE7     | NHS-like protein 1                                                           |
| Q14745     | Na                                                                          |
| Q9Y314     | Nitric oxide synthase-interacting protein                                    |
| Q75489     | NADH dehydrogenase                                                          |
| Q75607     | Nucleoplasmins-3                                                            |
| A8MQ27     | E3 ubiquitin-protein ligase NEURL1B                                          |
| Q95182     | NADH dehydrogenase                                                          |
| O43613     | Orexin receptor type 1                                                        |
| Q8NH41     | Olfactory receptor 4K15                                                      |
| Q8NHW6     | Otospiralin                                                                 |
| Q98W27     | Nuclear pore complex protein Nup85                                           |
| Q6TD5     | 5                                                                           |
| Q8NH42     | Olfactory receptor 4K13                                                      |
| Q8NGD0     | Olfactory receptor 4M1                                                       |
| Q96HC4     | PDZ and LIM domain protein 5                                                  |
| Q7Z3E1     | Protein mono-ADP-ribosyltransferase TIPARP                                   |
| O60733     | 85/88 kDa calcium-independent phospholipase A2                              |
| A0A1B0GJU8 | Paraneoplastic antigen-like protein 8C                                        |
| P23284     | Peptidyl-prolyl cis-trans isomerase B                                        |
| O60260     | E3 ubiquitin-protein ligase parkin                                           |
| Q14603     | PTPN13-like protein, Y-linked                                                |
| Q43474     | Krueppel-like factor 4                                                       |
| Accession | Gene Name                  | Description                                    |
|-----------|----------------------------|------------------------------------------------|
| Q6ZMT4    | Lysine-specific demethylase 7A | KDM7A                                          |
| Q6ZVT0    | LanC-like protein 3          | LANC1L                                         |
| P48729    | Casein kinase I isoform alpha | CSNK1A1                                        |
| P52954    | Transcription factor LBX1    | LBX1                                           |
| Q98XB1    | Leucine-rich repeat-containing G-protein coupled receptor 4 | LGR4 |
| P10916    | Myosin regulatory light chain 2, ventricular/cardiac muscle isoform | MYL2 |
| Q7RTY0    | Monocarboxylate transporter 13 | SLC16A13                                       |
| Q2QL34    | Mpv17-like protein           | MPV17L                                         |
| Q2TV78    | Putative macrophage stimulating 1-like protein | MST1L |
| Q98UK6    | Protein misato homolog 1     | MSTO1                                          |
| P28360    | Homeobox protein MSX-1       | MSX1                                           |
| Q6WX17    | Mucin-16                     | MUC16                                          |
| Q98TC8    | Metastasis-associated protein MTA3 | MTA3 |
| Q86W24    | NACHT, LRR and PYD domains-containing protein 14 | NLRP14 |
| Q93070    | Ecto-ADP-ribosyltransferase 4 | ART4                                           |
| P15531    | Nucleoside diphosphate kinase A | NME1                                       |
| P35579    | Myosin-9                     | MYH9                                           |
| Q9H1R3    | Myosin light chain kinase 2, skeletal/cardiac muscle | MYLK2 |
| Q9HCD5    | Nuclear receptor coactivator 5 | NCOA5                                         |
| Q8N8D7    | Sodium/potassium-transporting ATPase subunit beta-1-interacting protein 3 | NKAIN3 |
| Q14919    | Dr1-associated corepressor | DRAP1                                          |
| Q9NPG2    | Neuroglobin                  | NGB                                            |
| P43699    | Homeobox protein Nkx-2.1     | NKK2-1                                         |
| Q60393    | Homeobox protein NOBOX       | NOBOX                                          |
| P78367    | Homeobox protein Nkx-3.2     | NKK3-2                                         |
| Q96NY8    | Nectin-4                     | NECTIN4                                        |
| Q8TCU5    | Glutamate receptor ionotropic, NMDA 3A | GRIN3A |
| Q96MY1    | Nucleolar protein 4-like     | NOL4L                                          |
| O43676    | NADH dehydrogenase           | NDUBF3                                         |
| Q15999    | Na                           | SLC9A3R2                                       |
| P1DDQ5    | Neuropeptide Y receptor type 4-2 | NPY4R2 |
| Q9NZM5    | Ribosome biogenesis protein NOP53 | NOP53                                    |
| Q99784    | Noelin                       | OLFM1                                          |
| Q95644    | Nuclear factor of activated T-cells, cytoplastic 1 | NFATC1 |
| Q7RTW8    | Otoancorin                   | OTOA                                           |
| O60422    | One cut domain family member 3 | ONECUT3                                      |
| Q96L73    | Histone-lysine N-methyltransferase, H3 lysine-36 specific | NSD1 |
| Q8NG9    | Olfactory receptor 4F6       | OR4F6                                          |
| Q96MF7    | E3 SUMO-protein ligase NSE2  | NSMCE2                                         |
| Q6DKJ4    | Nucleoredoxin                | NNX                                            |
| A6NL06    | Olfactory receptor 6C75      | OR6C75                                         |
| O15243    | Leptin receptor gene-related protein | LEPROT                               |
| Q8NHC4    | Olfactory receptor 10J5      | OR10J5                                         |
| P0C7T3    | Olfactory receptor 56A5      | OR56A5                                         |
| Q8NGF0    | Olfactory receptor 52B6      | OR52B6                                         |
| Q8NH74    | Olfactory receptor 10A6      | OR10A6                                         |
| Q8NGY7    | Putative olfactory receptor 10JR | OR10JR6P                               |
| Q9UBL9    | P2X purinoceptor 2           | P2RX2                                          |
| Q9H4L5    | Oxysterol-binding protein-related protein 3 | OSBPL3 |
| Q96KW2    | POM121-like protein 2        | POM121L2                                       |
| Q9BZF3    | Oxysterol-binding protein-related protein 6 | OSBPL6 |
| Q76002    | Olfactory receptor 212       | OR212                                          |
| P0C623    | Olfactory receptor 4Q2       | OR4Q2                                          |
| Accession  | Gene Name                                      | Description                                      |
|------------|-----------------------------------------------|--------------------------------------------------|
| Q6UW60     | Proprotein convertase subtilisin/kexin type 4 | PCSK4                                            |
| P22079     | Lactoperoxidase                               | LPO                                              |
| Q72309     | PABIR family member 2                        | PABIR2                                           |
| Q81CW9     | Prokineticin receptor 1                      | PROKR1                                           |
| Q8NAT1     | Protein O-linked-mannose beta-1,4-N-acetylglucosaminyltransferase 2 | POMGNT2                                       |
| Q9UMS4     | Pre-mRNA-processing factor 19               | PRPF19                                           |
| Q6ZSY5     | Protein phosphatase 1 regulatory subunit 3F  | PPP1R3F                                          |
| O43490     | Prominin-1                                    | PROM1                                            |
| Q9UXH1     | Poly                                          | PUF60                                            |
| Q96D70     | R3H domain-containing protein 4              | R3HDM4                                           |
| P0C870     | Bifunctional peptidase and JmjD              | ISG15                                            |
| P05161     | Ubiquitin-like protein ISG15                 | ISG15                                            |
| Q9Y219     | Protein jagged-2                             | JAG2                                             |
| Q86VS3     | IQ domain-containing protein H               | IQCH                                             |
| P14616     | Insulin receptor-related protein              | INSRR                                            |
| Q15037     | Protein KHNYN                                | KHNYN                                            |
| Q8WA29     | Immunity-related GTPase family Q protein      | IRGQ                                             |
| Q9Y257     | Potassium channel subfamily K member 6       | KCNK6                                            |
| Q9YR8      | Keratin-associated protein 3-1               | KRTAP3-1                                         |
| Q9Y597     | BTB/POZ domain-containing protein KCTD3       | KCTD3                                            |
| Q6ZP29     | Lysosomal amino acid transporter 1 homolog   | SLC66A1                                          |
| P0DMU2     | Putative olfactory receptor 8G3 pseudogene   | OR8G3P                                           |
| Q8NGM1     | Olfactory receptor 4C15                      | OR4C15                                           |
| Q8NG98     | Olfactory receptor 7D4                       | OR7D4                                            |
| Q8NGG5     | Olfactory receptor 8K1                       | OR8K1                                            |
| Q9GZ0Y     | Nuclear RNA export factor 2                  | NFX2                                             |
| Q8NJ32     | NXPE family member 1                         | NXPE1                                            |
| Q02509     | Otoconin-90                                  | OC90                                             |
| Q8NG12     | Olfactory receptor 52N4                      | OR52N4                                           |
| Q8NH90     | Olfactory receptor 5AK2                      | OR5AK2                                           |
| Q8NH56     | Olfactory receptor 52N5                      | OR52N5                                           |
| Q76001     | Olfactory receptor 2J3                       | OR2J3                                            |
| Q86DD2     | Cytosolic phospholipase A2 zeta              | PLA2G4F                                          |
| Q9Z223     | Pantothenate kinase 2, mitochondrial          | PANK2                                            |
| P15735     | Phosphorylase b kinase gamma catalytic chain, liver/testis isoform | PHKG2                                      |
| Q9BZ1M     | Group XIIA secretory phospholipase A2         | PLA2G12A                                         |
| Q96EK2     | PHD finger protein 21B                       | PHF21B                                           |
| Q76G19     | PDZ domain-containing protein 4              | PDZD4                                            |
| P05186     | Alkaline phosphatase, tissue-nonspecific isozyme | ALPL                                         |
| P0CG39     | POTE ankyrin domain family J                 | POTEJ                                            |
| Q9HAB8     | Phosphopantothenate---cysteine ligase         | PPCS                                             |
| Q8WV17     | Protein phosphatase 1 regulatory subunit 1C   | PPP1R1C                                          |
| B2RU33     | POTE ankyrin domain family member C          | POTEC                                            |
| E7EW31     | Proline-rich basic protein 1                 | PROB1                                            |
| P07225     | Vitamin K-dependent protein S                 | PROS1                                            |
| Q16651     | Prostasin                                    | PRSS8                                            |
| P49720     | Proteasome subunit beta type-3               | PSMB3                                            |
| Q86YV5     | Inactive tyrosine-protein kinase PRAG1        | PRAG1                                            |
| Q5R3F8     | Protein phosphatase 1 regulatory subunit 29   | ELFN2                                            |
| Accession | Description                                                                 | Gene Symbol |
|-----------|------------------------------------------------------------------------------|-------------|
| Q96PX9    | Pleckstrin homology domain-containing family G member 4B                     | PLEKHG4B    |
| O00231    | 26S proteasome non-ATPase regulatory subunit 11                              | PSMD11      |
| P26045    | Tyrosine-protein phosphatase non-receptor type 3                              | PTPN3       |
| Q06203    | Amidophosphoribosyltransferase                                                | PPAT        |
| P31930    | Cytochrome b-c1 complex subunit 1, mitochondrial                             | UQCC1       |
| P15918    | V                                                                            | RAG1        |
| Q15434    | RNA-binding motif, single-stranded-interacting protein 2                     | RBMS2       |
| P26374    | Rab proteins geranylgeranyltransferase component A 2                          | CHML        |
| P61576    | Endogenous retrovirus group K member 104 Rec protein                         | HERV-K104   |
| Q9P258    | Protein RCC2                                                                 | RCC2        |
| Q8IU02    | ELKS/Rab6-interacting/CAST family member 1                                   | ERC1        |
| Q72616    | Rho GTPase-activating protein 30                                              | ARHGAP30    |
| Q62R18    | Rho GTPase-activating protein 36                                              | ARHGAP36    |
| Q92785    | Zinc finger protein ubi-d4                                                   | DPF2        |
| Q9H4E5    | Rho-related GTP-binding protein RhoJ                                         | RHOJ        |
| Q75679    | Ret finger protein-like 3                                                    | RPFL3       |
| P23921    | Ribonucleoside-diphosphate reductase large subunit                           | RRM1        |
| P00797    | Renin                                                                        | REN         |
| Q8N8K9    | Uncharacterized protein KIAA1958                                             | KIAA1958    |
| Q94829    | Importin-13                                                                  | IPO13       |
| Q9UK53    | Inhibitor of growth protein 1                                                | ING1        |
| P51812    | Ribosomal protein S6 kinase alpha-3                                           | RPS6KA3     |
| Q9BQ31    | Potassium voltage-gated channel subfamily S member 3                         | KCNS3       |
| P43626    | Killer cell immunoglobulin-like receptor 2DL1                                | KIR2DL1     |
| O43240    | Kallikrein-10                                                                | KLK10       |
| Q9BYU5    | Keratin-associated protein 2-1                                                | KRTAP2-1    |
| A6NGR9    | Maestro heat-like repeat-containing protein family member 6                  | MROH6       |
| O00180    | Potassium channel subfamily K member 1                                       | KCNKL       |
| Q3L70     | Keratin-associated protein 19-6                                               | KRTAP19-6   |
| Q16558    | Calcium-activated potassium channel subunit beta-1                           | KCNB1       |
| Q968B2    | Kazal-type serine protease inhibitor domain-containing protein 1             | KAZALD1     |
| Q96BN8    | Ubiquitin thioesterase otulin                                                 | OTULIN      |
| O00110    | Putative transcription factor ovo-like protein 3                             | OVL03       |
| Q9LG5F6   | Olfactory receptor 5V1                                                       | OR5V1       |
| Q8NGE9    | Olfactory receptor 9Q2                                                       | OR9Q2       |
| Q7RTU3    | Oligodendrocyte transcription factor 3                                        | OLG3        |
| Q8NGU1    | Putative olfactory receptor 9A1                                               | OR9A1P      |
| Q75147    | Obscurin-like protein 1                                                       | OBSL1       |
| Q9YS5P1   | Olfactory receptor 5B2                                                       | OR5B2       |
| Q8NGI0    | Olfactory receptor 52N2                                                       | OR52N2      |
| Q8NH19    | Olfactory receptor 10AG1                                                     | OR10AG1     |
| Q8NGX0    | Olfactory receptor 11L1                                                      | OR11L1      |
| Q86UW1    | Organic solute transporter subunit alpha                                      | SLC51A      |
| Q9UKG9    | Peroxisomal carnitine O-octanoyltransferase                                  | CROT        |
| Accession Number | Description                                                                 | Accession Number | Description                                                                 |
|------------------|------------------------------------------------------------------------------|------------------|------------------------------------------------------------------------------|
| Q8IXM7           | Outer dense fiber protein 3-like protein 1                                  | Q6NG92           | Olfactory receptor 13H1                                                     |
| Q66WC4           | Osteopetrosis-associated transmembrane protein 1                             | Q3SYA9           | Putative POM121-like protein 1                                               |
| Q92882           | Osteoclast-stimulating factor 1                                              | Q504Q3           | PANZ-PAN3 deadenylation complex catalytic subunit PAN2                       |
| Q13310           | Polyadenylate-binding protein 4                                              | O15496           | Group 10 secretory phospholipase A2                                          |
| P13674           | Prolyl 4-hydroxylase subunit alpha-1                                         | P16284           | Platelet endothelial cell adhesion molecule                                 |
| Q9P215           | Pogo transposable element with KRAB domain                                  | Q0A0A6YYL3       | POTE ankyrin domain family member B                                          |
| H38UK9           | POTE ankyrin domain family member B2                                         | Q5JR12           | Protein phosphatase 1J                                                       |
| Q8NE79           | Blood vessel epicardial substance                                           | A5A3E0           | POTE ankyrin domain family member F                                          |
| P08F94           | Fibrocytlin                                                                  | P85299           | Proline-rich protein 5                                                       |
| Q8TD55           | Pleckstrin homology domain-containing family O member 2                      | Q2TBC4           | Prickle-like protein 4                                                       |
| Q4KWH8           | 1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase eta-1              | Q13523           | Serine/threonine-protein kinase PRP4 homolog                                |
| Q9N2H4           | Putative pituitary tumor-transforming gene 3 protein                         | Q86UN2           | Reticulin-4 receptor-like 1                                                  |
| Q8NG50           | RAD52 motif-containing protein 1                                             | Q89999           | Retinoblastoma-like protein 2                                                |
| Q9Y6I8           | Peroxisomal membrane protein 4                                               | Q9H4I0           | Ras-related protein Rad-2a                                                   |
| Q9H102           | Double-strand-break repair protein rad21-like protein 1                      | P10114           | RAB6A-GEF complex partner protein 2                                         |
| P0DJD3           | RNA-binding motif protein, X chromosome, family 1 member A1                 | P38159           | RNA-binding motif protein, X chromosome                                       |
| Q14257           | Reticulocalbin-2                                                             | P85739           | Prp4 homolog                                                                |
| Q10488           | Ras-related protein Rab-33A                                                  | Q16576           | Histone-binding protein RBBP7                                                |
| P61575           | Endogenous retrovirus group K member 8 Rec protein                           | Q96E17           | Ras-related protein Rab-33A                                                 |
| Q992N2           | Rho GTPase-activating protein 28                                              | Q92546           | RAB6A-GEF complex partner protein 2                                         |
| O15211           | Ral guanine nucleotide dissociation stimulator-like 2                        | Q96T37           | RNA-binding protein 15                                                       |
| Q9641Z           | RNA-binding protein 41                                                       | Q92546           | RAB6A-GEF complex partner protein 2                                         |
| Q92546           | RAB6A-GEF complex partner protein 2                                         | O20340           | Ras-related protein Rab-6A                                                   |
| Q75570           | Peptide chain release factor 1, mitochondrial                               | Q9H310           | Ammonium transporter Rh type B                                               |
| Q9H310           | Ammonium transporter Rh type B                                               |
| Accession | Description | Description | Description |
|-----------|-------------|-------------|-------------|
| Q92900    | Regulator of nonsense transcripts | UPF1        |             |
| Q8N443    | RIB43A-like with coiled-coils protein | RIBC1       |             |
| Q6NT55    | Cytochrome P450 4F22 | CYP4F22     |             |
| A0A140G945 | Alpha-crystallin A2 chain | CRYAA2      |             |
| Q9H336    | Cysteine-rich secretory protein LCCL domain-containing 1 | CRISPLD1   |             |
| Q9636     | Cytochrome c oxidase assembly protein COX14 | COX14       |             |
| P10589    | Coup transcription factor 1 | NR2F1       |             |
| Q8N9M1    | Uncharacterized protein C19orf47 | C19orf47   |             |
| P0DMV0    | Cancer/testis antigen family 45 member A7 | CT45A7      |             |
| Q9H4R4    | Putative nuclear receptor corepressor 1-like protein | NCOR1P1    |             |
| A1L168    | Uncharacterized protein C20orf202 | C20orf202  |             |
| P0C250    | Cortxin-2 | CTXN2       |             |
| P0C2W7    | Cancer/testis antigen 47B | CT47B1      |             |
| Q8TCZ7    | Putative uncharacterized protein encoded by LINC00308 | LINC00308  |             |
| P59091    | Putative uncharacterized protein encoded by LINC00315 | LINC00315  |             |
| Q9NTQ9    | Gap junction beta-4 protein | GJB4        |             |
| Q13363    | C-terminal-binding protein 1 | CTBP1       |             |
| Q8WWW5    | Choline transporter-like protein 1 | SLC44A1    |             |
| Q1S255    | CAAX box protein 1 | RTL8C       |             |
| Q6O888    | Protein CutA | CUTA        |             |
| Q96P56    | Cation channel sperm-associated protein 2 | CATSPER2   |             |
| Q8IU60    | m7GpppN-mRNA hydrolase | DCP2        |             |
| Q5SW24    | Dapper homolog 2 | DACT2       |             |
| Q99259    | Glutamate decarboxylase 1 | GAD1        |             |
| Q8NHQ9    | ATP-dependent RNA helicase DDX55 | DDX55      |             |
| A6NKP2    | Putative short-chain dehydrogenase/reductase family 42E member 2 | SDR42E2    |             |
| Q5T1V6    | Probable ATP-dependent RNA helicase DDX59 | DDX59      |             |
| Q8TCX1    | Cytoplasmic dynein 2 light intermediate chain 1 | DYNC2L1    |             |
| Q9Y4B6    | DDB1- and CUL4-associated factor 1 | DCAF1      |             |
| Q8NF76    | Protein DBF4 homolog B | DBF4B       |             |
| Q9UE7     | Death domain-associated protein 6 | DAXX       |             |
| Q9NXF7    | DDB1- and CUL4-associated factor 16 | DCAF16     |             |
| P28067    | HLA class II histocompatibility antigen, DM alpha chain | HLA-DMA   |             |
| Q92796    | Disks large homolog 3 | DLG3        |             |
| Q6UY11    | Protein delta homolog 2 | DLK2        |             |
| P49619    | Diacylglycerol kinase gamma | DGKG        |             |
| Q75912    | Diacylglycerol kinase iota | DGKI        |             |
| Q9H1X3    | DnaJ homolog subfamily C member 25 | DNAJC25    |             |
| Q92838    | Ectodysplasin-A | EDA         |             |
| Q16690    | Dual specificity protein phosphatase 5 | DUSP5      |             |
| O14641    | Segment polarity protein dishevelled homolog DVL-2 | DVL2       |             |
| Q92782    | Zinc finger protein neuro-d4 | DPF1        |             |
| P06028    | Glycophorin-B | GYPB        |             |
| P63167    | Dynein light chain 1, cytoplasmic | DYNLL1     |             |
| P70074  | Double zinc ribbon and ankyrin repeat-containing protein 1 (DZANK1) |
|--------|---------------------------------------------------------------------|
| P97162 | DNA damage-regulated autophagy modulator protein 1 (DRAM1)          |
| Q5J98  | Dynel light chain Tctex-type 4 (DYNLT4)                             |
| Q9NPQ84| G-protein coupled receptor family C group 5 member C (GPRC5C)       |
| Q9NQZD1| G-protein coupled receptor family C group 5 member D (GPRC5D)       |
| P81274 | G-protein-signaling modulator 2 (GPSM2)                             |
| P78333 | Glycans-5 (GPC5)                                                    |
| Q96T91 | Glycoprotein hormone alpha-2 (GPHA2)                                |
| Q97526 | Glycans-6 (GPC6)                                                    |
| Q52T2R2| All trans-polyprenyl-diphosphate synthase PDSS1 (PDSS1)             |
| Q9U63L3| Ectonucleoside triphosphate diphosphohydrolase 2 (ENTPD2)           |
| P78454 | ETS-related transcription factor Elf-3 (ELF3)                       |
| Q9N2J8 | HERV-H.2q24.1 provirus ancestral Env polyprotein (ENOX2)            |
| P11161 | E3 SUMO-protein ligase EGR2 (EGR2)                                  |
| P12715 | Gamma-enolase (ENO2)                                                |
| P70740 | Coagulation factor IX (F9)                                          |
| P62508 | Estrogen-related receptor gamma (ESRRG)                             |
| Q5FW5  | N-acetyltransferase ESCO1 (ESCO1)                                   |
| A6N1J5 | Putative protein FAM90A20P (FAM90A20P)                              |
| A6MX1  | Putative protein FAM90A23P (FAM90A23P)                              |
| Q9TP7  | Fanconi anemia core complex-associated protein 24 (FAAP24)          |
| Q5HY64 | Putative protein FAM47C (FAM47C)                                    |
| A6NH5  | Putative protein FAM47D (FAM47DP)                                   |
| P09467 | Fructose-1,6-bisphosphatase 1 (FBP1)                                |
| Q5TM5  | Protein FAM72A (FAM72A)                                             |
| P12318 | Low affinity immunoglobulin gamma Fc region receptor II-a (FCGR2A)  |
| Q9UB06 | Exostosin-like 2 (EXTL2)                                            |
| Q14526 | F-BAR domain only protein 1 (FCHO1)                                |
| O94887 | FERM, ARHGEF and pleckstrin domain-containing protein 2 (FARPP2)   |
| Q15520 | Fibroblast growth factor 10 (FGF10)                                |
| Q14192 | Four and a half LIM domains protein 2 (FHL2)                        |
| Q9PQ2  | FERM domain-containing protein 4A (FRMD4A)                          |
| Q16595 | Frataxin, mitochondrial (FXN)                                       |
| Q15517 | FYN-binding protein 1 (FYB1)                                        |
| Q5YYV0 | Forkhead box protein B2 (FOXB2)                                     |
| O68883 | G-protein coupled receptor 37-like 1 (GPR37L1)                     |
| Q68CQ7 | Glycosyltransferase 8 domain-containing protein 1 (GLT8D1)          |
| Q68CQ7 | Glycine N-acetyltransferase (GLYAT)                                 |
| P27018 | Granzyme H (GZMH)                                                   |
| Q62VE7 | Vesicle transport protein GOLTA (GOLTA)                            |
| Q8TDV0 | G-protein coupled receptor 151 (GPR151)                             |
| Q9UNW8 | Probable G-protein coupled receptor 132 (GPR132)                    |
| P1275  | Pro-glucagon (GCG)                                                  |
| Q9NZD2 | Glycolipid transfer protein (GLTP)                                  |
| P48507 | Glutamate--cysteine ligase regulatory subunit (GCLM)                |
| Q4VC39 | Putative HIG1 domain family member 2B (HIGD2B)                      |
| Accession | Protein Name                                      | Gene Symbol |
|-----------|--------------------------------------------------|-------------|
| Q9UPZ3    | Hermansky-Pudlak syndrome 5 protein              | HPS5        |
| P34932    | Heat shock 70 kDa protein 4                      | HSPA4       |
| P17481    | Homeobox protein Hox-B8                         | HOXB8       |
| P16917    | Homeobox protein Hox-C4                         | HOXC4       |
| Q9NWW9    | Host cell factor C1 regulator 1                  | HCF1C1R1    |
| O43432    | Eukaryotic translation initiation factor 4 gamma 3| EIF4G3      |
| P84074    | Neuron-specific calcium-binding protein hippocalcin| HPCA       |
| Q2TB890   | Hexokinase HKDC1                                 | HKDC1       |
| P04439    | HLA class I histocompatibility antigen, A alpha chain | HLA-A   |
| Q14623    | Indian hedgehog protein                          | IHH         |
| Q9H7X7    | Intraflagellar transport protein 22 homolog      | IFT22       |
| A9QM74    | Importin subunit alpha-8                         | KPN1A7      |
| P20810    | Calpastatin                                      | CAST        |
| Q6UWB1    | Interleukin-27 receptor subunit alpha            | IL27RA      |
| Q13683    | Integrin alpha-7                                 | ITGA7       |
| Q9P055    | JNK1/MAPK8-associated membrane protein           | JKAMP       |
| P19827    | Inter-alpha-trypsin inhibitor heavy chain H1     | ITH1        |
| Q14990    | Protein phosphatase inhibitor 2 family member C  | PPP1R2C     |
| Q9NSA2    | Potassium voltage-gated channel subfamily D member 1 | KCND1   |
| Q21BA0    | Kelch-like protein 40                            | KHL40       |
| Q75V66    | Anoctamin-5                                      | ANO5        |
| Q8TER5    | Rho guanine nucleotide exchange factor 40        | ARHGEF40    |
| O00203    | AP-3 complex subunit beta-1                      | AP3B1       |
| Q9NW86    | Arginine and glutamate-rich protein 1            | ARGLU1      |
| Q8IXF9    | Aquaporin-12A                                    | AQP12A      |
| O43307    | Rho guanine nucleotide exchange factor 9         | ARHGEF9     |
| Q8NFD5    | AT-rich interactive domain-containing protein 1B | ARID1B      |
| Q9NQ33    | Achaete-scute homolog 3                          | ASCL3       |
| Q9NT62    | Ubiquitin-like-conjugating enzyme ATG3           | ATG3        |
| P17405    | Sphingomyelin phosphodiesterase                  | SMPD1       |
| Q8NCT1    | Arrestin domain-containing protein 4             | ARRDC4      |
| Q9H2C2    | Protein ARV1                                     | ARV1        |
| Q9GZN1    | Actin-related protein 6                          | ACR6        |
| O60423    | Phospholipid-transporting ATPase 5               | ATP8B3      |
| Q8IUZ5    | 5-phosphohydroxy-L-lysine phospho-lyase           | PHYKPL      |
| P56750    | Claudin-17                                       | CLDN17      |
| Q156A1    | Ataxin-1                                         | ATXN1       |
| P56747    | Claudin-6                                        | CLDN6       |
| Q9H7T9    | Aurora kinase A and ninein-interacting protein   | AUNIP       |
| Q75366    | Advillin                                         | AVIL        |
| Q6ZP68    | Putative protein ATP11AUN                        | ATP11AUN    |
| P30049    | ATP synthase subunit delta, mitochondrial        | ATP5F1D     |
| Q8WTO4    | Uncharacterized protein C16orf78                 | C16orf78    |
| Q9UHI8    | A disintegrin and metalloproteinase with thrombospondin motifs 1 | ADAMTS1 |
| O60477    | BMP/retinoic acid-inducible neural-specific protein 1 | BRINP1 |
| Q13515    | Phakinin                                         | BFSF2       |
| Accession | Protein Name and/or Description |
|-----------|---------------------------------|
| A2RUR9    | Coiled-coil domain-containing protein 144A |
| P22004    | Bone morphogenetic protein 6 |
| Q5H9B9    | Putative BMP-2-inducible kinase-like protein |
| Q96CA5    | Baculoviral IAP repeat-containing protein 7 |
| B2RXH4    | BTB/POZ domain-containing protein 18 |
| P11021    | Endoplasmic reticulum chaperone Bip |
| O00481    | Butyrophilin subfamily 3 member A1 |
| Q96Q07    | BTB/POZ domain-containing protein 9 |
| O00478    | Butyrophilin subfamily 3 member A3 |
| Q8TAM1    | Bardet-Biedl syndrome 10 protein |
| Q9NWK9    | Box C/D snoRNA protein 1 |
| Q9BXC9    | Bardet-Biedl syndrome 2 protein |
| Q9NZM4    | BRD4-interacting chromatin-remodeling complex-associated protein |
| P55957    | BH3-interacting domain death agonist |
| Q9Y5Z0    | Beta-secretase 2 |
| Q8TBE0    | Bromo adjacent homology domain-containing 1 protein |
| Q8YIEO    | Coiled-coil domain-containing protein 146 |
| Q9HB15    | Uncharacterized protein C3orf14 |
| Q9NXV6    | CDKN2A-interacting protein |
| Q06432    | Voltage-dependent calcium channel gamma-1 subunit |
| Q6TFL3    | Coiled-coil domain-containing protein 171 |
| Q99731    | C-C motif chemokine 19 |
| Q9P2B7    | Cilia- and flagella-associated protein 97 |
| Q8NDM7    | Cilia- and flagella-associated protein 43 |
| Q9HCU4    | Cadherin EGF LAG seven-pass G-type receptor 2 |
| Q9NRB3    | Carbohydrate sulfotransferase 12 |
| P47902    | Homeobox protein CDX-1 |
| Q9Y6F8    | Testis-specific chromodomain protein Y 1 |
| Q569G3    | Uncharacterized protein C5orf47 |
| P0DN87    | Choriongonadotropin subunit beta 7 |
| Q5T035    | Putative uncharacterized protein C9orf129 |
| Q552B4    | Uncharacterized protein C9orf50 |
| Q69YH5    | Cell division cycle-associated protein 2 |
| Q8N229    | Centromere protein S |
| Q96H22    | Centromere protein N |
| P07358    | Complement component C8 beta chain |
| Q86U02    | Putative uncharacterized protein encoded by LINC00596 |
| Q8N1V8    | Uncharacterized protein encoded by LINC01561 |
| P31146    | Coronin-1A |
| P13073    | Cytochrome c oxidase subunit 4 isoform 1, mitochondrial |
| Q14894    | Ketimine reductase mu-crystallin |
| Q9Y5P2    | Chondrosarcoma-associated gene 2/3 protein |
| Accession  | Description                                                                 |
|------------|------------------------------------------------------------------------------|
| P02489     | Alpha-crystallin A chain CRYAA                                               |
| Q43169     | Cytochrome b5 type B CYBSB                                                   |
| P29033     | Gap junction beta-2 protein GJB2                                              |
| O15194     | CTD small phosphatase-like protein CTDSPL                                     |
| P99999     | Cytochrome c CYCS                                                            |
| O15121     | Sphingolipid delta DEGS1                                                     |
| Q9NUQ9     | CYFIP-related Rac1 interactor B CYRIB                                         |
| Q9NUL7     | Probable ATP-dependent RNA helicase DDX28 DDX28                              |
| P20711     | Aromatic-L-amino-acid decarboxylase DDC                                       |
| A6NH13     | Putative uncharacterized protein DNAJC9-AS1 DNAJC9-AS1                       |
| Q9UU66     | Drebrin-like protein DBNL                                                    |
| Q5T6F0     | DDB1- and CUL4-associated factor 12 DCAF12                                   |
| Q86SG3     | Deleted in azoospermia protein 4 DAZ4                                         |
| Q13268     | Dehydrogenase/reductase SDR family member 2, mitochondrial DHRS2             |
| P28068     | HLA class II histocompatibility antigen, DM beta chain HLA-DMB               |
| Q6ZS2Q     | Putative GED domain-containing protein DNM1P46 DNM1P46                       |
| Q9UL40     | Aspartyl aminopeptidase DNPEP                                                 |
| Q5TB30     | DEP domain-containing protein 1A DEPDC1                                      |
| Q5VUD6     | Divergent protein kinase domain 1B DIPK1B                                    |
| Q9NTK1     | Protein DEP1 DEPP1                                                           |
| Q9P1A6     | Disks large-associated protein 2 DLGAP2                                      |
| Q9UBM7     | 7-dehydrocholesterol reductase DHCR7                                         |
| Q9UF33     | Ephrin type-A receptor 6 EPHA6                                                |
| P21128     | Poly ENDOU                                                                   |
| Q15197     | Ephrin type-B receptor 6 EPHB6                                                |
| P48546     | Gastric inhibitory polypeptide receptor GIPR                                  |
| Q38712     | Glucose-fructose oxidoreductase domain-containing protein 2 GFOD2            |
| Q9UGJ1     | Gamma-tubulin complex component 4 TUBGCP4                                    |
| Q9P2W3     | Guanine nucleotide-binding protein G GNG13                                    |
| P16383     | Intron Large complex component GCFC2                                         |
| Q16445     | Gamma-aminobutyric acid receptor subunit-alpha-6 GABRA6                     |
| P51124     | Granzyme M GZMM                                                              |
| Q8TDV5     | Glucose-dependent insulinotropic receptor GPR119                              |
| Q5VW38     | Protein GPR107                                                               |
| Q95838     | Glucagon-like peptide 2 receptor GLP2R                                        |
| A6NDN3     | Golgin subfamily A member 6B GOLGA6B                                          |
| I6L899     | Golgin subfamily A member 8R GOLGA8R                                          |
| A6MXD5     | Glutaredoxin domain-containing cysteine-rich protein 1 GRXCR1                |
| Q9BY21     | G-protein coupled receptor 87 GPR87                                           |
| Q15499     | Homeobox protein goosecoid-2 GSC2                                            |
| P58876     | Histone H2B type 1-D H2BC5                                                    |
| Q96DB2     | Histone deacetylase 11 HDAC11                                                 |
| Q724H3     | 5'-deoxynucleotidase HHD2 HHD2                                               |
| P22261     | Glutamate receptor 1 GRIA2                                                    |
| Q96004     | Heart- and neural crest derivatives-expressed protein 1 HAND1                |
| P0C55      | Histone H2A.Z H2AZ                                                            |
| P22492     | Histone H1t H1-6                                                              |
| Q51A89     | Transcription factor HES-5 HES5                                               |
| Q9QZ20     | Homeobox protein Hox-D1 HOXD1                                                 |
| Accession | Description                                                                 | ID     |
|-----------|-------------------------------------------------------------------------------|--------|
| P0DP02    | Immunoglobulin heavy variable 3-30-3                                         | IGHV3-30-3 |
| Q00839    | Heterogeneous nuclear ribonucleoprotein U                                   | HNRNPU |
| P61978    | Heterogeneous nuclear ribonucleoprotein K                                   | HNRNPK |
| Q7LG3A    | Heparan sulfate 2-O-sulfotransferase 1                                       | HS2ST1 |
| P52926    | High mobility group protein HMGI-C                                            | HMGA2  |
| Q8IX15    | Homeobox and leucine zipper protein Homez                                      | HOMEZ  |
| O14561    | Acyl carrier protein, mitochondrial                                           | NDUFA81 |
| Q15018    | BRISC complex subunit Abraxas 2                                               | ABRAXAS2 |
| P78363    | Retinal-specific phospholipid-transporting ATPase ABCA4                       | ABCA4  |
| P01023    | Alpha-2-macroglobulin                                                         | A2M    |
| Q9P2A4    | ABI gene family member 3                                                     | ABI3   |
| Q9P1F3    | Costas family protein ABRACL                                                   | ABRACL |
| Q5XXA6    | Anoctamin-1                                                                  | ANO1   |
| Q86SG2    | Ankyrin repeat domain-containing protein 23                                   | ANKRD23|
| P35414    | Apelin receptor                                                               | APLNR  |
| Q8N8A2    | Serine/threonine-protein phosphatase 6 regulatory ankyrin repeat subunit B   | ANKRD44|
| O75077    | Disintegrin and metalloproteinase domain-containing protein 23               | ADAM23 |
| Q4KMQ2    | Anoctamin-6                                                                  | ANO6   |
| P40617    | ADP-ribosylation factor-like protein 4A                                       | ARL4A  |
| P78S40    | Arginase-2, mitochondrial                                                     | ARG2   |
| O15085    | Rho guanine nucleotide exchange factor 11                                     | ARHGEF11|
| O76027    | Annexin A9                                                                   | ANXA9  |
| Q8NEN0    | Armadillo repeat-containing protein 2                                          | ARMC2  |
| A6NM10    | Aquaporin-12B                                                                | AQP12B |
| Q92747    | Actin-related protein 2/3 complex subunit 1A                                 | ARPC1A |
| O15123    | Angiopoietin-2                                                               | ANGPT2 |
| Q9WNQ6    | Anillin                                                                      | ANLN   |
| Q96BM1    | Ankyrin repeat domain-containing protein 9                                    | ANKRD9 |
| Q13625    | Apoptosis-stimulating of p53 protein 2                                        | TP53BP2|
| Q5T2N8    | ATPase family AAA domain-containing protein 3C                                | ATAD3C |
| P12645    | Bone morphogenetic protein 3                                                 | BMP3   |
| Q99622    | Protein C10                                                                  | C12orf57|
| Q07522    | Binder of sperm protein homolog 1                                             | BSPH1  |
| Q9UIR0    | Butyrophilin-like protein 2                                                  | BTNL2  |
| Q96K1     | Bioreientation of chromosomes in cell division protein 1                     | BOD1   |
| Q9Y6W3    | Calpain-7                                                                    | CAPN7  |
| Q9NYF8    | Bcl-2-associated transcription factor 1                                       | BCLAF1 |
| Q5Y4W1    | Complement C1q-like protein 3                                                 | C1QL3  |
| P11586    | C-1-tetrahydrofolate synthase, cytoplasmal                                   | MTHFD1 |
| P09871    | Complement C1s subcomponent                                                  | C1S    |
| Q96PB1    | N-acetylneuraminic acid 9-O-acetyltransferase                                 | CASD1  |
| Q0VFZ6    | Coiled-coil domain-containing protein 173                                     | CCDC173|
| Q8N4J0    | Carnosine N-methyltransferase                                                 | CARNMT1|
| Q6ZP82    | Coiled-coil domain-containing protein 141                                     | CCDC141|
| Q8WTX7 | Cytosolic arginine sensor for mTORC1 subunit 1 | CASTOR1 |
| Q53HC0 | Coiled-coil domain-containing protein 92 | CCDC92 |
| Q17RM4 | Coiled-coil domain-containing protein 142 | CCDC142 |
| Q00175 | C-C motif chemokine 24 | CCL24 |
| Q9NRJ3 | C-C motif chemokine 28 | CCL28 |
| Q8NUO6 | Putative uncharacterized protein encoded by LIN00518 | LIN00518 |
| Q9UKJ5 | Cysteine-rich hydrophobic domain-containing protein 2 | CHIC2 |
| P56186 | C-C chemokine receptor type 9 | CCR9 |
| Q6PX6 | UPF0598 protein C8orf82 | C8orf82 |
| Q9UHD1 | Cysteine and histidine-rich domain-containing protein 1 | CHORDC1 |
| Q86XO2 | Cerebellar degeneration-related protein 2-like | CDR2L |
| Q6ZT9 | Uncharacterized protein C7orf65 | C7orf65 |
| C9J39 | Putative uncharacterized protein C5orf58 | C5orf58 |
| Q9NS84 | Carbohydrate sulfotransferase 7 | CHST7 |
| Q9HR5 | Centromere protein H | CENPH |
| Q8IUZ2 | Chondroitin sulfate synthase 2 | CHPF |
| Q96FF9 | Sororin | CDDC5 |
| O14735 | CDP-diacylglycerol--inositol 3-phosphatidylintransferase | CDIPT |
| Q52MS8 | Putative uncharacterized protein C14orf177 | C14orf177 |
| Q8NSU0 | Uncharacterized protein C11orf42 | C11orf42 |
| P12111 | Collagen alpha-3 | COL6A3 |
| P54108 | Cysteine-rich secretory protein 3 | CRISP3 |
| Q16630 | Cleavage and polyadenylation specificity factor subunit 6 | CPSF6 |
| Q9NSK7 | Protein C19orf12 | C19orf12 |
| Q9ED3 | Calcium release-activated calcium channel protein 1 | ORAI1 |
| P0DPH9 | Uncharacterized protein CXorf51B | CXorf51B |
| Q51T8 | CSC1-like protein 2 | TMEM63B |
| P26232 | Catenin alpha-2 | CTNNA2 |
| Q9U47 | Catenin alpha-3 | CTNNA3 |
| PZ5024 | C-X-C chemokine receptor type 1 | CXCR1 |
| Q6NXN4 | Putative C-mannosyltransferase | DPY19L2P1 |
| Q14529 | Homeobox protein cut-like 2 | CUX2 |
| Q98QT9 | Calsyntenin-3 | CLSTN3 |
| Q96C57 | Protein CUSTOS | CUSTOS |
| Q9J44 | Uncharacterized protein C22orf46 | C22orf46 |
| Q9IUW0 | Dynactin subunit 4 | DCTN4 |
| Q8NEP3 | Dynein assembly factor 1, axonemal | DNAAF1 |
| Q9H8H2 | Probable ATP-dependent RNA helicase DDX31 | DDX31 |
| Q5QP8 | DDB1- and CUL4-associated factor 10 | DCAF10 |
| P11926 | Ornithine decarboxylase | ODC1 |
| Q14565 | Meiotic recombination protein DMC1/LIM15 homolog | DMC1 |
| Q30KQ6 | Beta-defensin 114 | DEFB114 |
| Q9542 | Dexamethasone-induced protein | DEXI |
| Q8WZ79 | Deoxyribonuclease-2-beta | DNASEB |
| Q9NZQ0 | DnaJ homolog subfamily C member 27 | DNAJC27 |
| Q6Y2X3 | DnaJ homolog subfamily C member 14 | DNAJC14 |
| Q9NJ7 | Delta-like protein 3 | DLL3 |
| P0367 | Glutamate dehydrogenase 1, mitochondrial | GLUD1 |
| Gene ID   | Protein Name                                                                 | Abbreviation |
|----------|-------------------------------------------------------------------------------|--------------|
| O94777   | Dolichol phosphate-mannose biosynthesis regulatory protein                    | DPM2         |
| P56555   | Down syndrome critical region protein 4                                      | DSCR4        |
| O95147   | Dual specificity protein phosphatase 14                                       | DUSP14       |
| A6NDY0   | Embryonic polyadenylate-binding protein 2                                     | PABPN1L      |
| P28324   | ETS domain-containing protein Elk-4                                           | EK4          |
| P21709   | Ephrin type-A receptor 1                                                      | EPHA1        |
| P52803   | Ephrin-A5                                                                     | EFNA5        |
| Q8WXT5   | Forkhead box protein D4-like 4                                                | FOXD4L4      |
| Q8NA03   | Fibrous sheath-interacting protein 1                                          | FSIP1        |
| Q5SYB0   | FERM and PDZ domain-containing protein 1                                      | FRMDP1       |
| Q9NS71   | Gastrokine-1                                                                  | GKN1         |
| Q92847   | Growth hormone secretagogue receptor type 1                                    | GHSR         |
| Q9NY64   | Solute carrier family 2, facilitated glucose transporter member 8              | SLC2A8       |
| Q96QA5   | Gasdermin-A                                                                   | GSDMA        |
| P0CS5Y9  | Histone H2A-Bbd type 1                                                        | H2AB1        |
| Q9NQ87   | Hair enhancer mosaic protein 1                                                | HEYL         |
| Q8WWV3   | Hexosaminidase D                                                              | HEXD         |
| P05981   | Serine protease hepsin                                                        | HPN          |
| O14964   | Receptor tyrosine kinase-regulated tyrosine kinase                             | HGS          |
| P42694   | Probable helicase with zinc finger domain                                     | HELZ         |
| A0A0C4DH34 | Immunoglobulin heavy variable 4-28                                            | IGHV4-28     |
| A0A0B4J2H0 | Immunoglobulin heavy variable 1-69D                                           | IGHV1-69D    |
| P0DP03   | Immunoglobulin heavy variable 3-30-5                                          | IGHV3-30-5   |
| Q86X24   | HORMA domain-containing protein 1                                             | HORMAD1      |
| Q9P0W0   | Interferon kappa                                                              | IFNK         |
| Q15653   | NF-kappa-B inhibitor beta                                                      | NFKBIB       |
| Q5VHV5   | Interleukin-1 receptor-associated kinase 1-binding protein 1                  | IRAK1BP1     |
| Q13422   | DNA-binding protein Ikaros                                                     | IKZF1        |
| P0DOX3   | Immunoglobulin delta heavy chain                                              |              |
| P01589   | Interleukin-2 receptor subunit alpha                                           | IL2RA        |
| Q09ZH6   | Interleukin-37                                                                 | IL37         |
| P01859   | Immunoglobulin heavy constant gamma 2                                          | IGHG2        |
| Q9C086   | INO80 complex subunit B                                                       | INO80B       |
| Q93033   | Immunoglobulin superfamily member 2                                           | CD101        |
| Q9NFV4   | Protein ABHD11                                                                 | ABHD11       |
| Q8WTS1   | 1-aclylglycerol-3-phosphate O-acyltransferase ABHD5                            | ABHD5        |
| P49418   | Amphiphysin                                                                   | AMPH         |
| O15013   | Rho guanine nucleotide exchange factor 10                                      | ARHGEF10     |
| Q6N5I1   | Putative ankyrin repeat domain-containing protein 26-like protein              | ANKRD26P1    |
| P50553   | Achaete-scute homolog 1                                                        | ASCL1        |
| Q9BVC5   | Ashwin                                                                        | C2orf49      |
| Q96CP6   | Protein Aster-A                                                                | GRAMD1A      |
| Q14613   | Cdc42 effector protein 2                                                       | CDC42EP2     |
| P36894   | Bone morphogenetic protein receptor type-1A                                    | BMPR1A       |
| Accession | Description                                                                 | Protein  |
|-----------|------------------------------------------------------------------------------|----------|
| Q9NP55    | BPI fold-containing family A member 1                                       | BPIFA1   |
| P0C671    | Protein BNIP5                                                                | BNIP5    |
| Q14032    | Bile acid-CoA:amino acid N-acyltransferase                                   | BAAT     |
| Q13829    | BTB/POZ domain-containing adapter for CUL3-mediated RhoA degradation protein 2 | TNFAIP1  |
| Q98YV9    | Transcription regulator protein BACH2                                         | BACH2    |
| A8MXE2    | Beta-1,3-galactosyltransferase 9                                              | B3GALT9  |
| Q9C0K0    | B-cell lymphoma/leukemia 11B                                                 | BCL11B   |
| Q8WY22    | BR13-binding protein                                                         | BR3BP    |
| Q9C0J9    | Class E basic helix-loop-helix protein 41                                    | BHLHE41  |
| Q16790    | Carbonic anhydrase 9                                                         | CA9      |
| P46379    | Large proline–rich protein BAG6                                              | BAG6     |
| Q9EL14    | Cep170-like protein                                                          | CEPI70P1 |
| P09668    | Pro-cathepsin H                                                              | CTSH     |
| Q8N4L8    | Coiled-coil domain-containing protein 24                                      | CCDC24   |
| Q96HQ2    | CDKN2AIP N-terminal-like protein                                              | CDKN2AIP NL |
| A2RUB6    | Coiled-coil domain-containing protein 66                                      | CCDC66   |
| Q8TTF4    | C2 calcium-dependent domain-containing protein 4C                             | C2CD4C   |
| P55210    | Caspase-7                                                                    | CASP7    |
| Q9H0I3    | Coiled-coil domain-containing protein 113                                    | CCDC113  |
| Q6ZUT6    | Coiled-coil domain-containing protein 9B                                      | CCDC9B   |
| Q5JT5Y    | COBW domain-containing protein 3                                              | CBWD3    |
| Q7LBR1    | Charged multivesicular body protein 1b                                        | CHMP1B   |
| Q8TBY9    | Cilia- and flagella-associated protein 251                                    | CFAP251  |
| P01732    | T-cell surface glycoprotein CD8 alpha chain                                  | CD8A     |
| A6NFT4    | Cilia- and flagella-associated protein 73                                     | CFAP73   |
| P0C854    | Putative cat eye syndrome critical region protein 9                           | CECR9    |
| Q8N4T0    | Carboxypeptidase A6                                                           | CPA6     |
| Q8X05     | CD302 antigen                                                                | CD302    |
| Q2M2E5    | Uncharacterized protein C5orf64                                              | C5orf64  |
| Q92772    | Cyclin-dependent kinase-like 2                                               | CDKL2    |
| Q98PPX7   | UPF0415 protein C7orf25                                                       | C7orf25  |
| P48509    | CD151 antigen                                                                | CD151    |
| Q99967    | Cbp/p300-interacting transactivator 2                                         | CITED2   |
| Q9NQ89    | Protein C12orf4                                                               | C12orf4  |
| Q9Y6N3    | Calcium–activated chloride channel regulator family member 3                 | CLCA3P   |
| Q92600    | CCR4–NOT transcription complex subunit 9                                      | CNOT9    |
| O95476    | CTD nuclear envelope phosphatase 1                                            | CTDNEP1  |
| P49761    | Dual specificity protein kinase                                               | CLK3     |
| A0P0X0    | Calcium and integrin-binding family member 4                                  | CIB4     |
| F2Z3M2    | Uncharacterized protein encoded by LINCO2876                                 | LINCO2876|
| Q6UWE3    | Collipase-like protein 2                                                      | CLPLSL2  |
| P67870    | Casein kinase II subunit beta                                                 | CSNK2B   |
| Q6VOL0    | Cytochrome P450 26C1                                                          | CYP26C1  |
| Gene ID  | Protein Name                                      | Description                                                                 |
|---------|---------------------------------------------------|-----------------------------------------------------------------------------|
| Q9H1R2  | Dual specificity protein phosphatase 15           | DUSP15                                                                      |
| Q9UHN1  | DNA polymerase subunit gamma-2, mitochondrial     | POLG2                                                                       |
| Q95620  | tRNA-dihydrouridine                               | DUS4L                                                                       |
| Q0P2K8  | eIF-2-alpha kinase GCN2                           | EIF2AK4                                                                     |
| Q8I2Z6  | Dynein light chain Tctex-type protein 2           | DYNL2                                                                       |
| P13639  | Elongation factor 2                               | EEF2                                                                        |
| Q52LR7  | Enhancer of polycomb homolog 2                    | EP3C2                                                                       |
| P54756  | Ephrin type-A receptor 5                          | EPHA5                                                                       |
| A1L3X0  | Elongation of very long chain fatty acids protein 7 | ELOVL7                                                                      |
| P41214  | Eukaryotic translation initiation factor 2D       | EHH1D2                                                                      |
| Q01469  | Fatty acid-binding protein 5                      | FABP5                                                                       |
| P31994  | Low affinity immunoglobulin gamma Fc region receptor II-b | FCGR2B                                                                     |
| O75015  | Low affinity immunoglobulin gamma Fc region receptor III-b | FCGR3B                                                                     |
| Q9BVV2  | Fibronectin type III domain-containing protein 11 | FNDC11                                                                      |
| Q9N2U1  | Leucine-rich repeat transmembrane protein FLRT1   | FLRT1                                                                       |
| Q8N531  | F-box/LRR-repeat protein 6                         | FBXL6                                                                       |
| P02675  | Fibrinogen beta chain                             | FGB                                                                         |
| Q8WUP2  | Fhaxin-binding LIM protein 1                      | FBLIM1                                                                      |
| P06744  | Glucose-6-phosphate isomerase                     | GPI                                                                         |
| Q96IV6  | Fatty acid hydroxylase domain-containing protein 2 | FAXDC2                                                                      |
| P51993  | 4-galactosyl-N-acetylgalcosaminide 3-alpha-L-fucosyltransferase FUT6 | FUT6                                                                       |
| P21217  | 3-galactosyl-N-acetylgalcosaminide 4-alpha-L-fucosyltransferase FUT3 | FUT3                                                                       |
| P23771  | Trans-acting T-cell-specific transcription factor GATA-3 | GATA3                                                                      |
| P06241  | Tyrosine-protein kinase Fyn                       | FYN                                                                         |
| Q14332  | Frizzled-2                                        | FZD2                                                                        |
| Q9NY12  | H/ACA ribonucleoprotein complex subunit 1         | GAR1                                                                        |
| P32239  | Gastrin/cholecystokinin type B receptor           | CCKBR                                                                       |
| P15408  | Fos-related antigen 2                             | FOSL2                                                                       |
| O14926  | Fason-2                                           | FSCN2                                                                       |
| Q94923  | D-glucuronol C5-epimerase                         | GLCE                                                                        |
| O14908  | PDZ domain-containing protein GIPC1               | GIPC1                                                                       |
| Q989E5  | G antigen 2D                                      | GAGE2D;                                                                     |
| A6NDE8  | G antigen 12H                                     | GAGE12H                                                                     |
| P52565  | Rho GDP-dissociation inhibitor 1                  | ARHGDI A                                                                   |
| P24046  | Gamma-aminobutyric acid receptor subunit rho-1    | GABRR1                                                                      |
| A8MPY1  | Gamma-aminobutyric acid receptor subunit rho-3    | GABRR3                                                                      |
| Q99679  | Probable G-protein coupled receptor 21            | GPR21                                                                       |
| Q5T4B2  | Inactive glycosyltransferase 25 family member 3   | CERCAM                                                                      |
| Q969Y2  | tRNA modification GTPase GTPBP3, mitochondrial     | GTPBP3                                                                      |
| Q6MZ7N  | HLA class I histocompatibility antigen protein P5  | HCP5                                                                        |
| P0DPK5  | Histone H3.X                                      | H3Y2                                                                        |
| P04183  | Thymidine kinase, cytosolic                       | TK1                                                                         |
| Q6DRA6  | Putative histone H2B type 2-D                     | H2BC19P                                                                     |
| P0DOY5  | Immunoglobulin heavy diversity 1-1                | IGHD1-1                                                                     |
| Accession Code | Protein Name                                                                 | Description                                                                 |
|----------------|------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| Q8IV16         | Glycosylphosphatidylinositol-anchored high density lipoprotein-binding protein 1 | GPIHBP1                                                                     |
| Q9UBQ7         | Glyoxylate reductase/hydroxy pyruvate reductase                               | GRHPR                                                                       |
| Q8TE85         | Grainyhead-like protein 3 homolog                                            | GRHL3                                                                       |
| Q9BT25         | HAUS augmin-like complex subunit 8                                           | HAUS8                                                                       |
| O00165         | HCLS1-associated protein X-1                                                 | HAX1                                                                        |
| P62805         | Histone H4                                                                   | H4C1                                                                        |
| Q8TF76         | Serine/threonine-protein kinase haspin                                        | HASPIN                                                                      |
| Q9UM44         | HERV-H LTR-associating protein 2                                              | HHLA2                                                                       |
| Q96JB3         | Hypermethylated in cancer 2 protein                                           | HIC2                                                                        |
| P09630         | Homebox protein Hox-C6                                                       | HOXC6                                                                       |
| Q8VG9          | Humanin                                                                      | MT-RNR2                                                                     |
| P01780         | Immunoglobulin heavy variable 3-7                                             | IGHV-3-7                                                                    |
| Q14568         | Heat shock protein HSP 90-alpha A2                                            | HSP90AA2P                                                                   |
| A0A1B0GTS1     | Heat shock transcription factor, X-linked member 4                             | HSFX4                                                                       |
| A6NH75         | Homebox protein HMX3                                                         | HMX3                                                                        |
| P0DMP1         | Humanin-like 12                                                              | MTRNR2L2                                                                    |
| P40189         | Interleukin-6 receptor subunit beta                                           | IL6ST                                                                       |
| P09912         | Interferon alpha-inducible protein 6                                         | IFI6                                                                        |
| Q14774         | H2O-like homebox protein                                                     | HLX                                                                         |
| Q01638         | Interleukin-1 receptor-like 1                                                | IL1RL1                                                                      |
| P78552         | Interleukin-13 receptor subunit alpha-1                                       | IL13RA1                                                                     |
| Q8N38          | NF-kappa-B inhibitor delta                                                    | NFKBID                                                                      |
| Q96MG2         | Junctional sarcoplasmic reticulum protein 1                                  | JSRP1                                                                       |
| Q96PY0         | Putative uncharacterized protein PSMG3-AS1                                   | PSMG3-AS1                                                                  |
| P06213         | Insulin receptor                                                             | INSR                                                                        |
| Q8WWG9         | Potassium voltage-gated channel subfamily E member 4                         | KCNE4                                                                       |
| Q6TFL4         | Kelch-like protein 24                                                        | KLHL24                                                                      |
| Q9Y2U2         | Potassium channel subfamily K member 7                                       | KCNK7                                                                       |
| Q13886         | Krueppel-like factor 9                                                       | KLF9                                                                        |
| Q5VTJ3         | Kelch domain-containing protein 7A                                            | KLHDC7A                                                                     |
| Q9UKR3         | Kallikrein-13                                                                | KLK13                                                                       |
| O60516         | Eukaryotic translation initiation factor 4E-binding protein 3                | EIF4EBP3                                                                   |
| Q9Y312         | Protein AAR2 homolog                                                         | AAR2                                                                        |
| P17787         | Neuronal acetylcholine receptor subunit beta-2                               | CHRNB2                                                                      |
| P07510         | Acetylcholine receptor subunit gamma                                         | CHRNG                                                                       |
| Q2M3G0         | ATP-binding cassette sub-family B member 5                                   | ABCB5                                                                       |
| Q9UG9I         | 5'-AMP-activated protein kinase subunit gamma-3                              | PRKAG3                                                                      |
| Q6PD74         | Alpha- and gamma-adaptin-binding protein p34                                 | AAGAB                                                                       |
| O43741         | 5'-AMP-activated protein kinase subunit beta-2                               | PRKAB2                                                                      |
| Q99218         | Amelogenin, Y isoform                                                        | AMELY                                                                       |
| P31751         | RAC-beta serine/threonine-protein kinase                                     | AKT2                                                                        |
| Accession  | Description                                                                 | Colored Accession |
|------------|-------------------------------------------------------------------------------|-------------------|
| C9JUS6     | Putative adrenomedullin-5-like protein                                         | ADM5              |
| C9J202     | Putative glycosyltransferase ALG1L2                                            | ALG1L2            |
| Q96L96     | Alpha-protein kinase 3                                                         | ALPK3             |
| Q9JEY8     | Gamma-adducin                                                                 | ADD3              |
| P61163     | Alpha-centractin                                                              | ACTR1A            |
| A6NHY2     | Ankyrin repeat and death domain-containing protein 1B                         | ANKDD1B           |
| A8MUL3     | Putative uncharacterized protein ADARB2-AS1                                    | ADARB2-AS1        |
| Q95622     | Adenylate cyclase type 5                                                       | ADC5              |
| Q9Y673     | Dolichyl-phosphate beta-glucosyltransferase                                   | ALG5              |
| Q63HQ0     | AP-1 complex-associated regulatory protein                                    | AP1AR             |
| B4E2M5     | Ankyrin repeat domain-containing protein 66                                     | ANKRD66           |
| P39687     | Acidic leucine-rich nuclear phosphoprotein 32 family member A                  | ANP32A            |
| Q69YU3     | Ankyrin repeat domain-containing protein 34A                                    | ANKRD34A          |
| Q94973     | AP-2 complex subunit alpha-2                                                   | AP2A2             |
| A6NH57     | Putative ADP-ribosylation factor-like protein 5C                                | ARL5C             |
| Q8N1W1     | Rho guanine nucleotide exchange factor 28                                       | ARHGEF28          |
| P53367     | Arfaplin-1                                                                    | ARFIP1            |
| Q8N6H7     | ADP-ribosylation factor GTPase-activating protein 2                            | ARFGAP2           |
| Q99062     | Granulocyte colony-stimulating factor receptor                                 | CSF3R             |
| Q99829     | Copine-1                                                                      | CPNE1             |
| Q6UU5V     | CREB-regulated transcription coactivator 1                                     | CRTC1             |
| Q5I48      | Protein crumbs homolog 2                                                       | CRB2              |
| Q95196     | Chondroitin sulfate proteoglycan                                                | CSPG5             |
| Q16527     | Cysteine and glycine-rich protein                                               | CSRFP2            |
| Q05D32     | CTD small phosphatase-like protein 2                                            | CTDSPL2           |
| Q94985     | Calsyntenin-1                                                                  | CLSTN1            |
| Q91114     | Cystatin-like 1                                                                | CSTL1             |
| Q7Z4W1     | L-xylulose reductase                                                           | DCXR              |
| Q8IV53     | DENN domain-containing protein 1C                                               | DENND1C           |
| Q9P219     | Protein Daple                                                                  | CCDC88C           |
| Q86TM3     | Probable ATP-dependent RNA helicase DDX53                                       | DDX53             |
| Q9UK59     | Lariat debranching enzyme                                                       | DBR1              |
| Q75911     | Short-chain dehydrogenase/reductase 3                                           | DHR3S             |
| Q14126     | Desmoglein-2                                                                  | DSG2              |
| Q86JS6     | Desmoglein-4                                                                  | DSG4              |
| Q02487     | Desmocollin-2                                                                 | DSC2              |
| P0C8J6     | Double homeobox protein 4-like protein 3                                        | DUX4L3            |
| Q14236     | Early lymphoid activation gene protein                                          | DIAPH2-AS1        |
| Q94223     | EH domain-containing protein 4                                                  | EHD4              |
| P54852     | Epithelial membrane protein 3                                                  | EMP3              |
| A6NEL3     | Putative protein FAM86C2P                                                       | FAM86C2P          |
| B1AK53     | Espin                                                                         | ESPN              |
| P0C7W8     | Putative protein FAM90A13P                                                      | FAM90A13P         |
| Q92636     | Protein FAN                                                                    | NSMAF             |
| P10768     | S-formylglutathione hydrolase                                                   | ESD               |
| Q98Y88     | ERO1-like protein beta                                                         | ERO1B             |
| Q9HB96     | Fanconi anemia group E protein                                                  | FANCE             |
| Gene ID | Description |
|---------|-------------|
| Q9BZJ7  | G-protein coupled receptor 62 |
| Q8NB91  | Fanconi anemia group B protein |
| Q96RU3  | Formin-binding protein 1 |
| Q9UIM3  | FK506-binding protein-like |
| O95302  | Peptidyl-prolyl cis-trans isomerase FKBP9 |
| A8MUU1  | Putative fatty acid-binding protein 5-like protein 3 |
| Q75369  | Filamin-B |
| Q75955  | Flotillin-1 |
| Q494R0  | Putative uncharacterized protein FBXL19-AS1 |
| Q5TD97  | Four and a half LIM domains protein 5 |
| Q9HCT0  | Fibroblast growth factor 22 |
| P35555  | Fibrinogen-1 |
| O43826  | Glucose-6-phosphate exchanger SLC37A4 |
| Q9NRQ9  | Glucose-6-phosphatase 2 |
| Q96A11  | Galactose-3-O-sulfotransferase 3 |
| O95479  | Glutathione/6PGl endoplasmic bifunctional protein |
| A0A0B4J2D5 | Glutamine amidotransferase-like class 1 domain-containing protein 3B, mitochondrial |
| Q55317  | Hepatocyte nuclear factor 3-alpha |
| Q7L622  | G2/M phase-specific E3 ubiquitin-protein ligase |
| Q08050  | Forkhead box protein M1 |
| Q95SF2  | N-acetylgalactosaminyltransferase 7 |
| Q9H0R6  | Glutamyl-tRNA |
| Q68DX3  | FERM and PDZ domain-containing protein 2 |
| P98177  | Forkhead box protein O4 |
| Q9NXP7  | Gypsy retrotransposon integrase-like protein 1 |
| A6NEM1  | Golgin subfamily A member 6-like protein 9 |
| P23434  | Glycine cleavage system H protein, mitochondrial |
| P52566  | Rho GDP-dissociation inhibitor 2 |
| Q9NWZ8  | Gem-associated protein B |
| Q9NVN8  | Guanine nucleotide-binding protein-like 3-like protein |
| O15488  | Glycogenin-2 |
| P21695  | Glycerol-3-phosphate dehydrogenase |
| P15421  | Glycophorin-E |
| Q7Z3D6  | D-glutamate cyclase, mitochondrial |
| P15104  | Glutamine synthetase |
| P69891  | Hemoglobin subunit gamma-1 |
| P23527  | Histone H2B type 1-O |
| Q14832  | Metabotropic glutamate receptor 3 |
| P16104  | Histone H2AX |
| Q9NYQ3  | Hydroxyacid oxidase 2 |
| P26927  | Hepatocyte growth factor-like protein |
| Q03014  | Hematopoietically-expressed homeobox protein HHEX |
| Q6NVY1  | 3-hydroxyisobutyryl-CoA hydrolase, mitochondrial |
| Q96NU7  | Probable imidazolonepropionase |
| A0A0C4DH39 | Immunoglobulin heavy variable 1-58 |
| Q96FZ2  | Abasic site processing protein HMCES |
| Accession | Description |
|-----------|-------------|
| P0DTE2   | Probable non-functional immunoglobulin heavy variable 8-51-1 |
| P37235   | Hippocalcin-like protein 1 |
| Q9Y663   | Heparan sulfate glucosamine 3-O-sulfotransferase 3A1 |
| P35367   | Histamine H1 receptor |
| P30511   | HLA class I histocompatibility antigen, alpha chain F |
| Q096K1   | Protein ILRUN |
| Q9P2D0   | Inhibitor of Bruton tyrosine kinase |
| P0DOX5   | Immunoglobulin gamma-1 heavy chain |
| Q86VF2   | Immunoglobulin-like and fibronectin type III domain-containing protein 1 |
| P06730   | Eukaryotic translation initiation factor 4E |
| Q8NI99   | Angiopoietin-related protein 6 |
| Q07973   | 1,25-dihydroxyvitamin D binding protein 2A1 |
| P23528   | Cofilin-1 |
| Q8WXC6   | COP9 signalosome complex subunit 9 |
| I3L1E1   | Uncharacterized protein C19orf84 |
| Q9Y534   | Cold shock domain-containing protein C2 |
| Q86T23   | Putative ciliary rootlet coiled-coil protein-like 1 protein |
| P0DMU9   | Cancer/testis antigen family 45 member A10 |
| Q53ET0   | CREB-regulated transcription coactivator 2 |
| P16410   | Cytotoxic T-lymphocyte protein 4 |
| Q9NWV4   | CXXC motif containing zinc binding protein |
| Q9NXE8   | Pre-mRNA-splicing factor CWC25 homolog |
| P04080   | Cystatin-B |
| Q9NTU4   | Cation channel sperm-associated protein subunit zeta |
| P08574   | Cytochrome c1, heme protein, mitochondrial |
| Q96LI9   | Putative uncharacterized protein CXorf58 |
| A4D1U4   | DENN domain-containing protein 11 |
| Q9HBH1   | Peptide deformylase, mitochondrial |
| Q9BQY9   | Dysbindin domain-containing protein 2 |
| Q9H6R0   | ATP-dependent RNA helicase DHX33 |
| Q14183   | Double C2-like domain-containing protein alpha |
| P59910   | DnaJ homolog subfamily B member 13 |
| Q53GQ0   | Very-long-chain 3-oxoacyl-CoA reductase |
| Q9Y6W6   | Dual specificity protein phosphatase 10 |
| Q9BY84   | Dual specificity protein phosphatase 16 |
| Q9H596   | Dual specificity protein phosphatase 21 |
| O60941   | Dystrobrevin beta |
| Q8N5C7   | tRNA-uridine aminocarboxypropyltransferase 1 |
| P54792   | Putative segment polarity protein dishevelled homolog DVL1P1 |
| Gene ID | Description |
|---------|-------------|
| Q05193 | Dynamin-1 |
| P0C7U0 | Protein ELFN1 |
| P58107 | Epiplakin |
| Q13491 | Neuronal membrane glycoprotein M6-b |
| P48167 | Glycine receptor subunit beta |
| Q96RP9 | Elongation factor G, mitochondrial |
| Q5VL4 | EF-hand domain-containing protein 1 |
| P60228 | Eukaryotic translation initiation factor 3 subunit E |
| Q8N3D4 | EH domain-binding protein 1-like protein 1 |
| P60509 | Endogenous retrovirus group PABLB member 1 Env polyprotein |
| P33947 | ER lumen protein-retaining receptor 2 |
| Q96RT1 | Erbin |
| Q00519 | Fatty-acid amide hydrolase 1 |
| Q8TAM6 | Ermin |
| Q6NFZ4 | Protein FAM24A |
| Q9NYY8 | FAST kinase domain-containing protein 2, mitochondrial |
| P46093 | G-protein coupled receptor 4 |
| Q5JUQ0 | Protein FAM78A |
| Q5W0V3 | Protein FAM160B1 |
| Q15287 | Fanconi anemia group G protein |
| Q8NAU1 | Fibronectin type III domain-containing protein 5 |
| Q9UKV0 | Histone deacetylase 9 |
| Q9N5Z6 | Hit3-interacting zinc finger protein 1 |
| Q96SL8 | F-box only protein 17 |
| Q9RD0 | F-box only protein 8 |
| Q5FWF7 | F-box only protein 48 |
| B3EWG5 | Protein FAM25C |
| Q5SP0 | FYVE, RhoGEF and PH domain-containing protein 3 |
| Q81B5 | Fez family zinc finger protein 2 |
| P49327 | Fatty acid synthase |
| Q96A99 | GDP-fucose transporter 1 |
| Q64ET8 | Protein FRG2 |
| Q9QH3 | FXPD domain-containing ion transport regulator 6 |
| Q14802 | FXPD domain-containing ion transport regulator 3 |
| Q6QY3 | Acetic amino acid decarboxylase |
| Q6MZ2 | Follistatin-related protein 4 |
| Q4V321 | G antigen 13 |
| Q9UL2W | Frizzled-10 |
| Q43903 | Forkhead box protein 13 |
| Q04609 | Growth arrest-specific protein 2 |
| Q9NWU2 | Glutamate carboxypeptidase 2 |
| Q9UG22 | Glucose-induced degradation protein 8 homolog |
| Q5VSY0 | G kinase-anchoring protein 1 |
| Q5HT9 | Fibrous sheath CABYR-binding protein |
| Q96RT7 | Gamma-tubulin complex component 6 |
| Q9BY60 | Gamma-aminobutyric acid receptor-associated protein-like 3 |
| Q96PP8 | Guanylate-binding protein 5 |
| P61952 | Guanine nucleotide-binding protein G |
| Accession | Description                                                                 |
|-----------|------------------------------------------------------------------------------|
| P30679   | Guanine nucleotide-binding protein subunit alpha-15                          |
| Q8NEA9   | Germ cell-less protein-like 2                                                |
| O14653   | Goji SNAP receptor complex member 2                                           |
| Q8IXQ4   | GPALPP motifs-containing protein 1                                            |
| O00155   | Probable G-protein coupled receptor 25                                         |
| Q9HC37   | G-protein coupled receptor 35                                                 |
| O95843   | Guanylyl cyclase-activating protein 3                                          |
| P51841   | Retinal guanylyl cyclase 2                                                    |
| A8MUP6   | Germ cell-specific gene 1-like protein 2                                      |
| Q8NEC7   | Glutathione S-transferase C-terminal domain-containing protein                |
| P06899   | Histone H2B type 1-J                                                         |
| P07305   | Histone H1.0                                                                 |
| P30711   | Glutathione S-transferase theta-1                                              |
| Q99880   | Histone H2B type 1-L                                                         |
| B7U540   | Inward rectifier potassium channel 18                                         |
| Q96KK5   | Histone H2A type 1-H                                                         |
| O60269   | G protein-regulated inducer of neurite outgrowth 2                            |
| P0C520   | Histone H2A-Bbd type 2/3                                                      |
| Q96MM7   | Heparan-sulfate 6-O-sulfotransferase 2                                        |
| Q9BQA5   | Histone H4 transcription factor                                               |
| P06865   | Beta-hexosaminidase subunit alpha                                             |
| Q9Y5Z7   | Host cell factor 2                                                            |
| Q15011   | Homocysteine-responsive endoplasmic reticulum-resident ubiquitin-like domain |
| Q9NRZ9   | Lymphoid-specific helicase                                                     |
| P31268   | Homeobox protein Hox-A7                                                        |
| Q9BUP3   | Oxidoreductase HTATIP2                                                         |
| P01766   | Immunoglobulin heavy variable 3-13                                             |
| A0A0C4DH43 | Immunoglobulin heavy variable 2-70D                                           |
| A0A0D756EQ5 | Immunoglobulin heavy variable 3-64                                           |
| A0A0C4DH41 | Immunoglobulin heavy variable 4-34                                           |
| P06331   | Immunoglobulin heavy variable 4-34                                             |
| Q9H3N8   | Histamine H4 receptor                                                         |
| Q6YN16   | Hydroxysteroid dehydrogenase-like protein 2                                   |
| P04196   | Histidine-rich glycoprotein                                                    |
| Q9GZV4   | Eukaryotic translation initiation factor 5A-2                                 |
| P0C176   | Humanin-like 9                                                                |
| P0DKL9   | ARL14 effector protein-like                                                    |
| Q676U5   | Autophagy-related protein 16-1                                                |
| Q12979   | Active breakpoint cluster region-related protein                              |
| Q8N961   | Ankyrin repeat and BTB/POZ domain-containing protein 2                        |
| Q9NRW3   | DNA dC→dU-editing enzyme APOBEC-3C                                            |
| P35318   | Pro-adrenomedullin                                                            |
| Q51T1    | Putative Dol-P-GlcGlc                                                         |
| O00170   | AH receptor-interacting protein                                               |
| Accession | Description                                      | Uniprot ID |
|-----------|--------------------------------------------------|------------|
| Q95994    | Anterior gradient protein 2 homolog             | AGR2       |
| Q6NUN0    | Acyl-coenzyme A synthetase ACSM5, mitochondrial | ACSM5      |
| P51828    | Adenylate cyclase type 7                        | ADCY7      |
| P35348    | Alpha-1A adrenergic receptor                     | ADRA1A     |
| Q9UKJ8    | Disintegrin and metalloproteinase domain-containing protein 21 | ADAM21    |
| Q96IZ2    | Androgen-dependent TFPI-regulating protein      | ADTRP      |
| Q9HAR2    | Adhesion G protein-coupled receptor L3           | ADGRL3     |
| P02654    | Apolipoprotein C-I                              | APOC1      |
| Q2TA0     | Autophagy-related protein 2 homolog A            | ATG2A      |
| Q8WVV5    | Butyrophilin subfamily 2 member A2              | BTN2A2     |
| Q96K17    | Transcription factor BTF3 homolog 4             | BTF3L4     |
| Q6L9W6    | Beta-1,4-N-acetylgalactosaminyltransferase 3    | B4GALNT3   |
| Q8NDB2    | B-cell scaffold protein with ankyrin repeats    | BANK1      |
| Q07812    | Apoptosis regulator BAX                         | BAX        |
| Q8N8R5    | UPF0565 protein C2orf69                         | C2orf69    |
| Q9RV19    | Uncharacterized protein C1orf50                 | C1orf50    |
| P54284    | Voltage-dependent L-type calcium channel subunit beta-3 | CACNB3   |
| Q8WUQ7    | Cactin                                           | CACTIN     |
| Q53SS9    | Folate transporter-like protein C2orf83         | C2orf83    |
| Q9Y426    | C2 domain-containing protein 2                  | C2CD2      |
| Q8WHA6    | Coiled-coil domain-containing protein 60        | CCDC60     |
| A0A1B0G7Z2| Putative coiled-coil domain-containing protein 196 | CCDC196   |
| Q9Y4X3    | C-C motif chemokine 27                          | CCL27      |
| P0C7W6    | Coiled-coil domain-containing protein 172       | CCDC172    |
| Q13191    | E3 ubiquitin-protein ligase CBL-B               | CBLLB      |
| Q8N7E2    | E3 ubiquitin-protein ligase CBLL2               | CBLL2      |
| Q9UF02    | Voltage-dependent calcium channel gamma-5 subunit | CACNG5   |
| Q10155    | CD83 antigen                                     | CD83       |
| P33681    | T-lymphocyte activation antigen CD80            | CD80       |
| Q6ZU80    | Centrosomal protein of 128 kDa                 | CEP128     |
| Q9BSQ5    | Cerebrolysin protein 2 protein                  | CCM2       |
| Q9Y6A4    | Cilia- and flagella-associated protein 20       | CFAP20     |
| Q96M91    | Cilia- and flagella-associated protein 53       | CFAP53     |
| Q8N7Q2    | Putative uncharacterized protein CELF2-AS1      | CELF2-AS1  |
| Q9C0B2    | Cilia- and flagella-associated protein 74       | CFAP74     |
| Q96KX1    | Uncharacterized protein C4orf36                 | C4orf36    |
| Q81AP6    | Centrosomal protein of 76 kDa                  | CEP76      |
| P20273    | B-cell receptor CD22                            | CD22       |
| P51946    | Cyclin-H                                         | CCNH       |
| Q8N960    | Centrosomal protein of 120 kDa                 | CEP120     |
| Q7LG8     | Carbohydrate sulfotransferase 3                 | CHST3      |
| Q9HVS8    | CUB domain-containing protein 1                 | CDCP1      |
| Q81C0T    | Ceramide kinase                                 | CERK       |
| Q43916    | Carbohydrate sulfotransferase 1                 | CHST1      |
| Q15131    | Cyclin-dependent kinase 10                      | CDK10      |
| Q02224    | Centromere-associated protein E                 | CENPE      |
| P22674    | Cyclin-Q                                         | CCNO       |
| Gene ID    | Description                                                                 | Accession |
|-----------|-----------------------------------------------------------------------------|-----------|
| Q6UWU4    | Bombesin receptor-activated protein C6orf89                                 | C6orf89   |
| Q9H9A5    | CCR4-NOT transcription complex subunit 10                                   | CNOT10    |
| Q9P232    | Contactin-3                                                                 | CNTN3     |
| Q9GZV4    | Cytochrome c oxidase assembly factor 1 homolog                              | COA1      |
| Q6ZS10    | C-type lectin domain family 17, member A                                    | CLEC17A   |
| A5D8T8    | C-type lectin domain family 18, member A                                    | CLEC18A   |
| Q99432    | Calponin-2                                                                  | CNN2      |
| P05997    | Collagen alpha-2                                                            | COL5A2    |
| Q75390    | Citrate synthase, mitochondrial                                             | CS        |
| Q8TAZ6    | CKLF-like MARVEL transmembrane domain-containing protein 2                  | CMTM2     |
| A8MQB3    | Putative uncharacterized protein LINCO2693                                  | LINCO2693 |
| Q8WVH0    | Complexin-3                                                                 | CPLX3     |
| Q96B23    | Uncharacterized protein C18orf25                                             | C18orf25  |
| Q8N118    | Cytochrome P450 4X1                                                          | CYP4X1    |
| P78524    | DENND domain-containing protein 2B                                           | DENND2B   |
| Q8HF6     | Protein DENND6A                                                              | DENND6A   |
| Q9GZV7    | ATP-dependent RNA helicase DDX24                                             | DDX24     |
| Q96FC9    | ATP-dependent DNA helicase DDX11                                             | DDX11     |
| Q9PIJ3    | Putative uncharacterized protein DHRS4-AS1                                   | DHRS4-AS1 |
| Q9NP97    | Dynein light chain roadblock-type 1                                          | DYNLRB1   |
| Q8N4W6    | DnaJ homolog subfamily C member 22                                           | DNAJC22   |
| Q9NX36    | DnaJ homolog subfamily C member 28                                           | DNAJC28   |
| P56178    | Homeobox protein DLX-5                                                       | DLX5      |
| Q96F81    | Protein dispatched homolog 1 DDX11                                            | DISP1     |
| P0DPQ6    | DDIT3 upstream open reading frame protein                                    | DDIT3     |
| Q96PT4    | Putative double homeobox protein 3                                           | DUX3      |
| Q07864    | DNA polymerase epsilon catalytic subunit A                                   | POLE      |
| Q99607    | ETS-related transcription factor Elf-4                                       | ELF4      |
| P29320    | Ephrin type-A receptor 3                                                     | EPHA3     |
| Q6UW88    | Epigen                                                                      | EPN       |
| P54760    | Ephrin type-B receptor 4                                                     | EPHB4     |
| Q5MY95    | Ectonucleoside triphosphate diphosphohydrolase 8                             | ENTPD8    |
| Q7Z2222   | Elongation factor-like GTPase 1                                              | EFL1      |
| Q6IN97    | Putative protein FRMPD2-like                                                  | FRMPD2B   |
| P04406    | Glyceraldehyde-3-phosphate dehydrogenase                                     | GAPDH     |
| Q9ULV1    | Frizzled-4                                                                   | FZD4      |
| Q75VX8    | GRB2-associated and regulator of MAPK protein 2                              | GAREM2    |
| Q14355    | Polyphosphate N-acetylgalactosaminotransferase 3                             | GALNT3    |
| P14136    | Glial fibrillary acidic protein                                              | GFAP      |
| P27539    | Embryonic growth/differentiation factor 1                                    | GDF1      |
| Q14397    | Glucokinase regulatory protein                                               | GCKR      |
| Q8NB1     | Zinc finger protein GLIS1                                                    | GLIS1     |
| P54760    | Protein GDF5-AS1, mitochondrial                                              | GDF5-AS1  |
| Q9HAV0    | Guanine nucleotide-binding protein subunit beta-4                             | GNB4      |
| Accession | Description | Symbol |
|-----------|-------------|--------|
| P34897    | Serine hydroxymethyltransferase, mitochondrial | SHMT2  |
| P28676    | Grancalcin | GCA    |
| Q08379    | Golgin subfamily A member 2 | GOLGA2 |
| Q98023    | Golgi reassembly-stacking protein 1 | GORASP1 |
| A6NC0C    | Golgin subfamily A member 8O | GOLGA8O |
| A8MTJ3    | Guanine nucleotide-binding protein G | GNAT3  |
| Q6PRD1    | Probable G-protein coupled receptor 179 | GPR179 |
| Q9HCN4    | GPN-loop GTPase 1 | GPN1   |
| P82433    | Histone H3.3 | H3-3A  |
| Q02747    | Guanylin | GUCA2A |
| Q6L8H2    | Keratin-associated protein 5-3 | KRTAP5-3 |
| Q6XYB7    | Transcription factor LBX2 | LBX2   |
| P01772    | Immunoglobulin heavy variable 3-33 | IGHV3-33 |
| Q9Y305    | Acyl-coenzyme A thioesterase 9, mitochondrial | ACOT9  |
| P21399    | Cytoplasmic aconitase hydratase | ACO1   |
| Q99798    | Aconitase hydratase, mitochondrial | ACO2   |
| Q04844    | Acetylcholine receptor subunit epsilon | CHRNA |
| Q8N0Z2    | Actin-binding Rho-activating protein | ABRA   |
| P28335    | 5-hydroxytryptamine receptor 2C | HTR2C  |
| U3KPV4    | Alpha-1,3-galactosyltransferase 2 | A3GALT2 |
| Q96P47    | Arf-GAP with GTPase, ANK repeat and PH domain-containing protein 3 | AGAP3  |
| Q9Y2J4    | Angiomotin-like protein 2 | AMOTL2 |
| P59780    | AP-3 complex subunit sigma-2 | AP3S2  |
| Q9NF8     | Arf-GAP with dual PH domain-containing protein 2 | ADAP2 |
| Q86SQ3    | Putative adhesion G protein-coupled receptor E4P | ADGRE4P |
| Q96N21    | AP-4 complex accessory subunit Tepsin | TEP5N  |
| Q9H6U8    | Alpha-1,2-mannosyltransferase ALG9 | ALG9   |
| Q9H1A4    | Anaphase-promoting complex subunit 1 | ANAPC1 |
| Q9P0K1    | Disintegrin and metalloproteinase domain-containing protein 22 | ADAM22 |
| A6NCL7    | Ankyrin repeat domain-containing protein 33B | ANKR33B |
| A2A2Z9    | Ankyrin repeat domain-containing protein 18B | ANKR18B |
| O15033    | Apoptosis-resistant E3 ubiquitin protein ligase 1 | AREL1 |
| A1IGU5    | Rho guanine nucleotide exchange factor 37 | ARHGEF37 |
| P01160    | Natriuretic peptides A | NPPA   |
| Q7Z449    | Cytochrome P450 2U1 | CYP2U1 |
| Q994W6    | Transcription factor COE3 | EBF3   |
| P22792    | Carboxypeptidase N subunit 2 | CPN2   |
| Q9BQW3    | Transcription factor COE4 | EBF4   |
| Q8TBR5    | Putative uncharacterized protein | CIRBP-AS1 |
| Q9UBG3    | Cornulin | CRNN   |
| A6NEN9    | Uncharacterized protein CXorf65 | CXorf65 |
| P48165    | Gap junction alpha-8 protein | GJA8   |
| Q6YPE0    | Gap junction beta-7 protein | GJB7   |
| Q53GD3    | Choline transporter-like protein 4 | SLC4A4 |
| A6NGU7    | Putative uncharacterized protein encoded by LINC01546 | LINC01546 |
| Accession | Description                                                                 | Gene Name |
|-----------|------------------------------------------------------------------------------|-----------|
| Q9HCG8    | Pre-mRNA-splicing factor CWC22 homolog                                        | CWC22     |
| Q7L989    | Endonuclease/exonuclease/phosphatase family domain-containing protein 1       | EEPD1     |
| O60469    | Down syndrome cell adhesion molecule                                           | DSCAM     |
| O94919    | Endonuclease domain-containing 1 protein                                       | ENDOD1    |
| P16452    | Protein 4.2                                                                   | EPB42     |
| P0DPD7    | EEF1A lysine methyltransferase 4                                               | EEF1AKMT  |
| P52799    | Efrin-B2                                                                     | EFN2B     |
| Q96DF8    | Splicing factor ESS-2 homolog                                                 | ESS2      |
| Q15768    | Efrin-B3                                                                     | EFN3B     |
| Q9NQ30    | Endothelial cell-specific molecule                                            | ESM1      |
| D6RGX4    | Putative protein FAM90A26                                                     | FAM90A26  |
| Q9NZY2    | Putative uncharacterized protein FAM30A                                       | FAM30A    |
| O75460    | Serine/threonine-protein kinase/endoribonuclease IRE1                        | ERN1      |
| Q14289    | Protein-tyrosine kinase 2-beta                                                | PTK2B     |
| O53R41    | FAST kinase domain-containing protein 1, mitochondrial                        | FASTKD1   |
| Q62T52    | Protein FAM43B                                                                | FAM43B    |
| Q6ZN32    | ETS translocation variant 3-like protein                                      | ETV3L     |
| Q9Y5Y3    | Probable G-protein coupled receptor 45                                        | GPR45     |
| Q14CZ7    | FAST kinase domain-containing protein 3, mitochondrial                        | FASTKD3   |
| Q92817    | Envoplakin                                                                   | EVPL      |
| Q9ZT9     | Protein FAM9C                                                                 | FAM9C     |
| Q96KP1    | Exocyst complex component 2                                                   | EXOC2     |
| Q9NPI8    | Fanconi anemia group F protein                                                | FANCF     |
| O00471    | Exocyst complex component 5                                                   | EXOC5     |
| Q8NF4     | Putative protein FAM10A5                                                       | ST13P5    |
| Q9NY5     | Protein FAM114A2                                                              | FAM114A2  |
| Q9BQ9     | Protein FAM110A                                                               | FAM110A   |
| P46095    | G-protein coupled receptor 6                                                  | GPR6      |
|2750| Exosome complex component RRP4                                                | EXOSC2    |
| Q5T036    | Uncharacterized protein FAM120AOS                                             | FAM120AOS |
| A6NHQ4    | Elongin BC and Polycomb repressive complex 2-associated protein               | EPOP      |
| Q86V42    | Protein FAM124A                                                               | FAM124A   |
| Q96B26    | Exosome complex component RRP43                                                | EXOSC8    |
| Q6UXP7    | Protein FAM151B                                                               | FAM151B   |
| Q9NS12    | Protein FAM207A                                                               | FAM207A   |
| Q06265    | Exosome complex component RRP45                                                | EXOSC9    |
| P0C875    | Protein FAM228B                                                               | FAM228B   |
| Q6272     | Protein FAM166A                                                               | FAM166A   |
| Q16877    | 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 4                        | PFKFB4    |
| A0A1B0GVK7| Protein FAM240A                                                               | FAM240A   |
| Q99502    | Eyes absent homolog 1                                                         | EYA1      |
| Q9Y324    | RNA-processing protein FCF1 homolog                                           | FCF1      |
| Q01740    | Dimethylamino monooxygenase                                                   | FMO1      |
| Q7LS13    | Fc receptor-like A                                                            | FCR1A     |
| Q6PUB     | F-box only protein 38                                                          | FBX038    |
| Q91B52    | F-box only protein 30                                                          | FBX030    |
| B3EWG6    | Protein FAM25G                                                                | FAM25G    |
| Q98SK4    | Protein fem-1 homolog A                                                       | FEM1A     |
| Q9UKA1    | F-box/LRR-repeat protein 5                                                    | FBXL5     |
| Accession | Description |
|-----------|-------------|
| Q01081    | Galactoside alpha-FUT2 |
| P19526    | Galactoside alpha-FUT1 |
| Q6UWH4    | Golgi-associated kinase 1B GASK1B |
| Q96DB9    | FXYD domain-containing ion transport regulator 5 FXYD5 |
| Q43716    | Glutamyl-tRNA GATC |
| Q4V326    | G antigen 2E GAGE2E |
| P25090    | N-formyl peptide receptor 2 FPR2 |
| P30793    | GTP cyclohydrolase 1 GCH1 |
| P0DPK2    | Histone H3.Y H3Y1 |
| O60381    | HMG box-containing protein 1 HBP1 |
| Q06136    | 3-ketodihydrosphingosine reductase KDSR |
| Q14520    | Hyaluronan-binding protein 2 HABP2 |
| P51858    | Hepatoma-derived growth factor HDGF |
| P96QV6    | Histone H2A type 1-A H2AC1 |
| Q8TDQ0    | Hepatitis A virus cellular receptor HAVCR2 |
| Q68CZ6    | HAUS augmin-like complex subunit 3 HAUS3 |
| O60229    | Kalirin KALRN |
| Q9H422    | Homeodomain-interacting protein kinase 3 HIPK3 |
| Q6UWX4    | Hhip-like protein 2 HHIPL2 |
| Q96K4     | Hhip-like protein 1 HHIPL1 |
| Q9Y5R4    | MTRF1L release factor glutamine methyltransferase HEMK1 |
| Q9UIM9    | Hippocalcin-like protein 4 HPCAL4 |
| Q96662    | Heparan sulfate glucosamine 3-O-sulfotransferase 3B1 HS3ST3B1 |
| Q86WN2    | Interferon epsilon IFNE |
| P16871    | Interleukin-7 receptor subunit alpha IL7R |
| O14879    | Interferon-induced protein with tetratricopeptide repeats 3 IFIT3 |
| Q14116    | Interleukin-18 IIL18 |
| P80217    | Interferon-induced 35 kDa protein IFI35 |
| P14778    | Interleukin-1 receptor type 1 IIL1R |
| Q9NZH7    | Interleukin-36 beta IIL36B |
| Q17R60    | Interphotoreceptor matrix proteoglycan 1 IMPG1 |
| Q5VWK5    | Interleukin-23 receptor IL23R |
| P0CG04    | Immunoglobulin lambda constant 1 IGLC1 |
| Q9UBH0    | Interleukin-36 receptor antagonist protein IL36RN |
| P12268    | Inosine-5'-monophosphate dehydrogenase 2 IMPDH2 |
| Q8N6P7    | Interleukin-22 receptor subunit alpha-1 IL22RA1 |
| Q14197    | Peptidyl-tRNA hydrolase ICT1, mitochondrial MRPL58 |
| Q92536    | DNA-binding protein inhibitor ID-3 ID3 |
| P35475    | Alpha-L-iduronidase IDUA |
| P24592    | Insulin-like growth factor-binding protein 6 IGFBP6 |
| P31273    | Homeobox protein Hox-C8 HOXC8 |
| Q9HBG6    | Intraflagellar transport protein 122 homolog IFT122 |
| P50213    | Isocitrate dehydrogenase IDH3A |
| Q92551    | Inositol hexakisphosphate kinase 1 IP6K1 |
| Q96PC2    | Inositol hexakisphosphate kinase 3 IP6K3 |
| Q62US2    | Uncharacterized protein KIAA0408 KIAA0408 |
| Q8N9H5    | Junction-mediating and -regulatory protein JMY |
| Q15040    | Josephin-1 JOSD1 |
| Q15067    | Peroxosomal acyl-coenzyme A oxidase 1 ACOX1 |
| Q96019    | Actin-like protein 6A ACTL6A |
| Accession Number | Protein Name                          | Gene Symbol    |
|------------------|--------------------------------------|----------------|
| Q96SE0           | Protein ABHD1                        | ABHD1          |
| P08758           | Annexin A5                           | ANXA5          |
| Q43186           | Cone-rod homeobox protein            | CRX            |
| Q10570           | Cleavage and polyadenylation specificity factor subunit 1 | CPSF1          |
| Q09UF7           | Protein crumbs homolog 3             | CRB3           |
| P0C5K7           | Cancer/testis antigen B2             | CT62           |
| A6NIU2           | Putative uncharacterized protein encoded by LINCO1549 | LINCO1549      |
| P7310            | Cox sackievirus and adenovirus receptor | CXADR          |
| P36382           | Gap junction alpha-5 protein         | GJA5           |
| Q60931           | Cystinosin                           | CTNS           |
| Q8WY07           | Cationic amino acid transporter 3    | SLC7A3         |
| P52569           | Cationic amino acid transporter 2    | SLC7A2         |
| Q5T442           | Gap junction gamma-2 protein         | GJC2           |
| Q0N4AM1          | Choline transporter-like protein 3   | SLC44A3        |
| P21291           | Cysteine and glycine-rich protein    | CSRP1          |
| Q96S65           | Cysteine-serine-rich nuclear protein 1 | CSRNP1         |
| Q96C8G           | Collagen triple helix repeat-containing protein 1 | CTHRC1        |
| P0CZ25           | Uncharacterized protein DNAH10OS      | DNAH10OS       |
| P08174           | Complement decay-accelerating factor | CD55           |
| A0P3W8           | Death-associated protein-like 1      | DAPL1          |
| Q6PS31           | DENN domain-containing protein 1B    | DENND1B        |
| Q8TCE6           | DENN domain-containing protein 10    | DENND10        |
| Q8N8Z6           | Discoidin, CUB and LCCL domain-containing protein 1 | DCBLD1        |
| Q08345           | Epithelial discoidin domain-containing receptor 1 | DDR1          |
| Q7L2E3           | ATP-dependent RNA helicase DHX30     | DHX30          |
| Q96MA1           | Doublesex- and mab-3-related transcription factor B1 | DMRTB1        |
| Q8WXX5           | DnaJ homolog subfamily C member 9    | DNAJC9         |
| Q6O610           | Protein diaphanous homolog 1         | DIAPH1         |
| Q96BY6           | Dedicator of cytokinesis protein     | DOKC10         |
| Q9Y238           | Deleted in lung and esophageal cancer protein 1 | DLEC1         |
| Q9UNQ2           | Probable dimethyladenosine transferase | DIMT1          |
| Q6P3W2           | DnaJ homolog subfamily C member 24   | DNAJC24        |
| Q9UBU2           | Dickkopf-related protein 2           | DKK2           |
| Q96GE9           | Distal membrane-arm assembly complex protein 1 | DMAC1         |
| P0C87            | Double homeobox protein 4-like protein 4 | DUX4L4        |
| A0A1W2F8F3       | Double homeobox protein B             | DUXB           |
| P13929           | Beta-enolase                         | ENO3           |
| Q9Y5Q0           | Fatty acid desaturase 3              | FADS3          |
| Q8N9I5           | Fatty acid desaturase 6              | FADS6          |
| Q13216           | DNA excision repair protein ERCC-8   | ERCC8          |
| Q96KD3           | Protein FAM71F1                      | FAM71F1        |
| Q96RQ1           | Endoplasmic reticulum-Golgi intermediate compartment protein 2 | ERGIC2        |
| Q0N9W8           | Protein FAM71D                       | FAM71D         |
| P98173           | Protein FAM3A                        | FAM3A          |
| Q9UK22           | F-box only protein 2                 | FBXO2          |
| Accession | Description                                                                 |
|-----------|------------------------------------------------------------------------------|
| Q14512    | Fibroblast growth factor-binding protein 1                                   |
| Q9G2V9    | Fibroblast growth factor 23                                                  |
| Q9N9S1    | Fibroblast growth factor 21                                                  |
| Q9D8P2    | FGF family zinc finger protein 1                                              |
| P10767    | Fibroblast growth factor 6                                                   |
| Q98XR6    | Complement factor H-related protein 5                                         |
| Q8TAK5    | GA-binding protein subunit beta-2                                             |
| P35637    | RNA-binding protein FUS                                                      |
| Q75293    | Growth arrest and DNA damage-inducible protein GADD45 beta                   |
| Q9Y2I7    | 1-phosphatidylinositol 3-phosphate 5-kinase                                  |
| Q9H461    | Frizzled-8                                                                    |
| Q00409    | Forkhead box protein N3                                                      |
| Q94915    | Protein furry homolog-like                                                   |
| Q9BZS1    | Forkhead box protein P3                                                      |
| Q16658    | Faschin                                                                      |
| P34059    | N-acetylgalactosamine-6-sulfatase                                             |
| O60318    | Germinal-center associated nuclear protein                                   |
| Q10471    | Polypeptide N-acetylgalactosaminyltransferase 2                              |
| Q9H2C0    | Gigaaxonin                                                                   |
| Q9H3K2    | Growth hormone-inducible transmembrane protein                               |
| H0YKK7    | Putative golgin subfamily A member 6-like protein 19                         |
| P55040    | GTP-binding protein GEM                                                      |
| P63218    | Guanine nucleotide-binding protein G                                         |
| Q9HCC8    | Glycerophosphoinositol inositolphosphodiesterase GDP2                        |
| P39905    | Gliadin cell line-derived neurotrophic factor                               |
| Q9H8Y8    | Golgi reassembly-stacking protein 2                                          |
| Q14344    | Guanine nucleotide-binding protein subunit alpha-13                          |
| Q9H9Y4    | GPN-loop GTPase 2                                                           |
| Q75388    | Probable G-protein coupled receptor 32                                       |
| Q5JSQ6    | Germinal center-associated signaling and motility-like protein               |
| A4D1E9    | GTP-binding protein 10                                                       |
| P13807    | Glycogen                                                                     |
| Q5JSY0    | Intracellular hyaluronan-binding protein 4                                   |
| Q9B6X8    | Histidine triad nucleotide-binding protein 2, mitochondrial                 |
| Q9U8X0    | Homeobox expressed in ES cells 1                                             |
| Q969F9    | Hermansky-Pudlak syndrome 3 protein                                          |
| P31277    | Homeobox protein Hox-D11                                                     |
| P14653    | Homeobox protein Hox-B1                                                      |
| P31276    | Homeobox protein Hox-C13                                                     |
| A0AOJ9YX3 5 | Immunoglobulin heavy variable 3-64D                                          |
| Q14792    | Heparan sulfate glucosamine 3-O-sulfotransferase 1                           |
| Q961J2    | Hematopoietic SH2 domain-containing protein                                  |
| Q9B6Y8    | Homeo-domain-only protein                                                    |
| P04035    | 3-hydroxy-3-methylglutaryl-coenzyme A reductase                              |
| P01571    | Interferon alpha-17                                                          |
| Protein Accession | Protein Name | Protein Description |
|-------------------|--------------|---------------------|
| P01568            | Interferon alpha-21 | IFNA21 |
| Q13325            | Interferon-induced protein with tetratricopeptide repeats 5 | IFIT5 |
| Q6P198            | INO80 complex subunit C | INO80C |
| P14784            | Interleukin-2 receptor subunit beta | IL2RB |
| Q86VG3            | Intraflagellar transport-associated protein | IFTAP |
| P01591            | Immunoglobulin J chain | JCHAIN |
| P05019            | Insulin-like growth factor 1 | IGF1 |
| P52333            | Tyrosine-protein kinase JAK3 | JAK3 |
| P06756            | Integrin alpha-V | ITGAV |
| P12035            | Keratin, type II cytoskeletal 3 | KRT3 |
| Q15825            | Neuronal acetylcholine receptor subunit alpha-6 | CHRNA6 |
| P02749            | Beta-2-glycoprotein 1 | APOH |
| Q6VUC0            | Transcription factor AP-2-epsilon | TFAP2E |
| Q9P241            | Phospholipid-transporting ATPase VD | ATP10D |
| C9J37             | BTB/POZ domain-containing protein 19 | BTBD19 |
| Q7KYR7            | Butyrophilin subfamily 2 member A1 | BTN2A1 |
| A8MTZ0            | BBSoome-interacting protein 1 | BBIP1 |
| Q53S33            | BoIA-like protein 3 | BOLA3 |
| P47710            | Alpha-S1-casein | CSN1S1 |
| Q8VL8             | Carboxypeptidase O | CPA |
| Q06266            | C-C motif chemokine 22 | CCL22 |
| O43633            | Charged multivesicular body protein 2a | CHMP2A |
| Q9Y258            | C-C motif chemokine 26 | CCL26 |
| Q96FZ7            | Charged multivesicular body protein 6 | CHMP6 |
| Q8WUX2            | Glutathione-specific gamma-glutamylcysteine transferase 2 | CHAC2 |
| Q9BWV3            | Cytidine and dCMP deaminase domain-containing protein 1 | CDADC1 |
| Q96M19            | Cytosolic carboxypeptidase 4 | AGBL1 |
| Q95170            | CMT1A duplicated region transcript 1 protein | CDR1 |
| Q13231            | Chitinotriosidase-1 | CHIT1 |
| P1836             | B-lymphocyte antigen CD20 | MS4A1 |
| P60953            | Cell division control protein 42 homolog | CDC42 |
| Q9HFB7            | Uncharacterized protein C7orf69 | C7orf69 |
| Q8NI28            | Putative uncharacterized protein encoded by LINC01006 | LINC01006 |
| Q49A92            | Uncharacterized protein C8orf34 | C8orf34 |
| Q8N8U2            | Chromodomain Y-like protein 2 | CDYL2 |
| Q9NCQ2            | Uncharacterized protein CSNK1G2-AS1 | CSNK1G2-AS1 |
| Q9UMR7            | C-type lectin domain family 4 member A | CLEC4A |
| Q8N910            | Putative uncharacterized protein C1orf56 | C1orf56 |
| A8TX70            | Collagen alpha-5 | COL5A5 |
| Q8LY22            | C-Maf-inducing protein | CMIP |
| Q8IZM0            | Putative CNGA1-overlapping antisense gene protein | |
| Q99828            | Calcium and integrin-binding protein 1 | CIB1 |
| Q00610            | Clathrin heavy chain 1 | CLTC |
| Q6UXG3            | CMRF35-like molecule 9 | CD300LG |
| Q6UWR7            | Glycerophosphocholine cholinephosphodiesterase ENPP6 | ENPP6 |
| P15954            | Cytochrome c oxidase subunit 7C, mitochondrial | COX7C |
| P04798            | Cytochrome P450 1A1 | CYP1A1 |
| Accession | Gene Name | Description |
|-----------|-----------|-------------|
| Q14264    | Endogenous retrovirus group 3 member 1 Env polyprotein | ERV3-1 |
| O43768    | Alpha-endosulfine | ENSA |
| Q7L2H7    | Eukaryotic translation initiation factor 3 subunit M | EIF3M |
| P43897    | Elongation factor Ts | TSFM |
| B5ME19    | Eukaryotic translation initiation factor 3 subunit C-like protein | EIF3CL |
| P61550    | Endogenous retrovirus group S71 member 1 Env polyprotein | ERVS71-1 |
| Q9NYP7    | Elongation of very long chain fatty acids protein 5 | ELOVL5 |
| Q9H6Z9    | Prolyl hydroxylase EGLN3 | EGLN3 |
| B3EWF7    | Lamin, isoform 9 | LAMN |
| P49961    | Ectonucleoside triphosphate diphosphohydrolase 1 | ENTPD1 |
| Q5UCC4    | ER membrane protein complex subunit 10 | EMC10 |
| Q96L91    | E1A-binding protein p400 | EP40D |
| Q6ZR85    | Uncharacterized protein C17orf107 | C17orf107 |
| Q8NE35    | Cytoplasmic polyadenylation element-binding protein 3 | CPEB3 |
| A2RUQ5    | Uncharacterized protein C17orf102 | C17orf102 |
| P10632    | Cytochrome P450 2C8 | CYP2C8 |
| P15509    | Granulocyte-macrophage colony-stimulating factor receptor subunit alpha | CSF2RA |
| Q14241    | Elongin-A | ELOA |
| P54764    | Ephrin type-A receptor 4 | EPHA4 |
| Q5NDL2    | EGF domain-specific O-linked N-acetylglucosamine transferase | EGOT |
| Q96DE9    | Protein EOLA2 | EOLA2 |
| P52798    | Ephrin-A4 | EFNA4 |
| Q96PS1    | FANC2D opposite strand protein | FANC2DOS |
| P61579    | Endogenous retrovirus group K member 25 Rec protein | ERVK-25 |
| Q6PIT2    | Protein FAM71E1 | FAM71E1 |
| Q6NS3      | Protein FAM53A | FAM53A |
| Q5HY3      | Protein FAM76B | FAM76B |
| P08709     | Coagulation factor VII | F7 |
| Q94868    | F-BAR and double SH3 domains protein 2 | FCHSD2 |
| P68106    | Peptidyl-prolyl cis-trans isomerase FKBP1B | FKBP1B |
| P2042     | Hemoglobin subunit delta | HBD |
| P26885    | Peptidyl-prolyl cis-trans isomerase FKBP2 | FKBP2 |
| Q8NZ5      | F-box only protein 22 | FBXO22 |
| Q9B9R7    | Ferredoxin-fold anticodon-binding domain-containing protein 1 | FDXACB1 |
| Q60258    | Fibroblast growth factor 17 | FGF17 |
| Q92914    | Fibroblast growth factor 11 | FGF11 |
| Q96LL3    | Fertilization-influencing membrane protein | FIMP |
| Q96RP7    | Galactose-3-O-sulfotransferase 4 | GAL3ST4 |
| Q8TA8    | Growth arrest and DNA damage-inducible proteins-interacting protein 1 | GADD45GI |
| Q8WWW8    | GRB2-associated-binding protein 3 | GAB3 |
| Q96AE4    | Far upstream element-binding protein 1 | FUBP1 |
| P51116    | Fragile X mental retardation syndrome-related protein 2 | FXR2 |
| P55318    | Hepatocyte nuclear factor 3-gamma | FOXA3 |
| P43694 | Transcription factor GATA-4 | GATA4 |
| Q5577  | G-protein coupled receptor-associated sorting protein 1 | GPRASP1 |
| Q9C009 | Forkhead box protein Q1 | FOXQ1 |
| Q9H1K4 | Mitochondrial glutamate carrier 2 | SLC25A18 |
| Q14793 | Growth/differentiation factor 8 | MSTN |
| Q9C0B1 | Alpha-ketoglutarate-dependent dioxygenase FTO | FTO |
| Q9H4B0 | Gem-associated protein 7 | GEMIN7 |
| Q02108 | Guanylate cyclase soluble subunit alpha-1 | GUCY1A1 |
| O14983 | Gem-associated protein 2 | GEMIN2 |
| O00591 | Gamma-aminobutyric acid receptor subunit pi | GABRP |
| Q96PP9 | Guanylate-binding protein 4 | GBP4 |
| Q15544 | Protein GR6 | LINCO1565 |
| P47871 | Glucagon receptor | GCGR |
| Q9P1Z3 | Potassium/sodium hyperpolarization-activated cyclic nucleotide–gated channel 3 | HCN3 |
| Q6EKK0 | General transcription factor II-I repeat domain-containing protein 2B | GTF2IRD2B |
| P49915 | GMP synthase | GMPS |
| Q16772 | Glutathione S-transferase A3 | GSTA3 |
| P08263 | Glutathione S-transferase A1 | GSTA1 |
| Q99878 | Histone H2A type 1-J | H2AC14 |
| Q61712 | Very-long-chain | HACD2 |
| Q15255 | Metabotropic glutamate receptor 1 | GRM1 |
| Q13003 | Glutamate receptor ionotropic, kainate 3 | GRIK3 |
| P0CG29 | Glutathione S-transferase theta-2 | GSTT2 |
| Q16478 | Glutamate receptor ionotropic, kainate 5 | GRIK5 |
| Q99075 | Proheparin–binding EGF-like growth factor | HBEGF |
| Q94992 | Protein HEXIM1 | HEXIM1 |
| Q02577 | Helix-loop-helix protein 2 | NHLH2 |
| P28222 | Ferrochelatase, mitochondrial | FECH |
| Q6WWQ2 | Inactive heparanase-2 | HPSE2 |
| Q98UJ0 | Protein ABHD14A | ABHD14A |
| P30939 | 5-hydroxytryptamine receptor 1F | HTR1F |
| P47898 | 5-hydroxytryptamine receptor 5A | HTR5A |
| P28222 | 5-hydroxytryptamine receptor 1B | HTR1B |
| P50406 | 5-hydroxytryptamine receptor 6 | HTR6 |
| P62258 | 14-3-3 protein epsilon | YWHAE |
| Q9P0M2 | A-kinase anchor protein 7 isoform gamma | AKAP7 |
| P24298 | Alanine aminotransferase 1 | GPT |
| Q6NX11 | Ankyrin repeat domain-containing protein 54 | ANKRD54 |
| Q8WT88 | Apoptosis-enhancing nuclease | AEN |
| Q96BT7 | Alkylated DNA repair protein alkB homolog 8 | ALKBH8 |
| Q06481 | Amyloid-like protein 2 | APLP2 |
| Q75454 | AP-1 complex subunit gamma-like 2 | AP1G2 |
| Q96BI3 | Gamma-secretase subunit APH-1A | APH1A |
| Q9NVJ2 | ADP-ribosylation factor-like protein 8B | ARL8B |
| P08133 | Annexin A6 | ANXA6 |
| Q6Q788 | Apolipoprotein A-V | APOA5 |
| P34998 | Corticotropin–releasing factor receptor 1 | CRHR1 |
| Q08U40 | Chordin-like protein 1 | CHRDL1 |
| P24462 | Cytochrome P450 3A7 | CYP3A7 |
| A0A087X1C5 | Putative cytochrome P450 2D7 | CYP2D7 |
| Gene ID | Protein Name                                                                 |
|--------|-------------------------------------------------------------------------------|
| Q8NEV1 | Casein kinase II subunit alpha 3                                              |
| Q9H0B8 | Cysteine-rich secretory protein LCCL domain–containing 2                      |
| A6NCJ1 | Uncharacterized protein C19orf71                                              |
| Q8N268 | Uncharacterized protein C20orf197                                             |
| P14406 | Cytochrome c oxidase subunit 7A2, mitochondrial                               |
| Q02221 | Cytochrome c oxidase subunit 6A2, mitochondrial                               |
| Q9Y5B0 | RNA polymerase II subunit A C-terminal domain phosphatase                     |
| A6NN92 | Putative gap junction epsilon-1 protein                                        |
| Q8IXK4 | cTAGE family member 4                                                         |
| Q43927 | C-X-C motif chemokine 13                                                       |
| P32302 | C-X-C chemokine receptor type 5                                               |
| Q6ZN88 | Putative C-mannosyltransferase DPY19L2P2                                     |
| Q9NRG7 | Epimerase family protein                                                      |
| Q8N9T2 | Putative uncharacterized protein Cxorf42                                       |
| Q16696 | Cytochrome P450 2A13                                                          |
| Q8WYN3 | Cysteine/serine-rich nuclear protein 3                                         |
| Q7LS76 | Cytoplasmic FMR1-interacting protein 1                                         |
| Q9NUJ7 | Uncharacterized protein C20orf96                                               |
| Q70996 | Cystatin -F                                                                   |
| P49238 | C-X3C chemokine receptor 1                                                    |
| Q9H4E1 | Differentially expressed in FDCP 6 homolog                                   |
| Q8WXU2 | Dynein assembly factor 4, axonemal                                            |
| Q6PH85 | DCN1-like protein 2                                                           |
| Q9ID3 | DNA damage-inducible transcript 4-like protein                                 |
| Q13206 | Probable ATP-dependent RNA helicase DDX10                                     |
| Q8NES8 | Beta-defensin 124                                                             |
| Q58WW2 | DDB1- and CUL4-associated factor 6                                             |
| Q96H7Y | Probable 2-oxoglutarate dehydrogenase E1 component DHKTD1, mitochondrial      |
| Q5VZB9 | Doublesex- and mab-3-related transcription factor A1                           |
| Q8TF46 | DIS3–like exonuclease 1                                                       |
| Q06079 | Protein diaphanous homolog 2                                                  |
| Q8YB7  | DIS3–like exonuclease 2                                                       |
| Q92874 | Deoxyribonuclease-1-like 2                                                    |
| Q96QD5 | DEP domain–containing protein 7                                                |
| Q86XP1 | Dicylglycerol kinase eta                                                      |
| Q9H7Y0 | Divergent protein kinase domain 2B                                             |
| Q12959 | Disks large homolog 1                                                         |
| P05305 | Endothelin-1                                                                  |
| O14640 | Segment polarity protein dishevelled homolog DVL-1                            |
| Q9BV47 | Dual specificity protein phosphatase 26                                        |
| P28340 | DNA polymerase delta catalytic subunit                                         |
| Q05923 | Dual specificity protein phosphatase 2                                         |
| P01903 | HLA class II histocompatibility antigen, DR alpha chain                       |
| Q7RTS9 | Dymeclin                                                                      |
| Accession | Name                                                                 | Protein Name                        |
|-----------|----------------------------------------------------------------------|-------------------------------------|
| P19525    | Interferon-induced, double-stranded RNA-activated protein kinase      | EIF2AK2                             |
| P32249    | G-protein coupled receptor 183                                       | GPR183                              |
| Q9HC44    | Vaso-1-like protein 1                                                | GPRB11L                             |
| Q9UPO8    | Dolichol kinase                                                      | DOLK                                |
| P21917    | D                                                                    | DRD4                                |
| Q13474    | Dystrophin-related protein 2                                         | DRP2                                |
| P55259    | Pancreatic secretory granule membrane major glycoprotein GP2         | GP2                                 |
| P24534    | Elongation factor 1-beta                                             | EEF1B2                              |
| Q99848    | Probable rRNA-processing protein EB2                                 | EBNA1BP2                            |
| Q9N335    | Glycerol-3-phosphate dehydrogenase 1-like protein                    | GDPD1L                              |
| Q9BRRR    | G patch domain-containing protein 1                                  | GPATCH1                             |
| Q9NW75    | G patch domain-containing protein 2                                  | GPATCH2                             |
| Q9UJA9    | Ectonucleotide pyrophosphatase/phosphodiesterase family member 5     | ENPP5                               |
| Q53HC9    | EARP and GARP complex-interacting protein 1                          | EIPR1                               |
| Q9UBC2    | Epidermal growth factor receptor substrate 15-like 1                 | EPS15L1                             |
| Q9HBU6    | Ethanolamine kinase 1                                                | ETNK1                               |
| P80073    | Enteropeptidase                                                      | Tmpr55S15                           |
| Q14507    | Epididymal secretory protein E3-alpha                                 | Eddm3A                              |
| Q12926    | ELAV-like protein 2                                                  | ELAVL2                              |
| P54762    | Ephrin type-B receptor 1                                             | EphB1                               |
| Q15717    | ELAV-like protein 1                                                  | ELAVL1                              |
| Q8TE02    | Elongator complex protein 5                                          | ELP5                                |
| Q9NZN3    | EH domain-containing protein 3                                       | Ehd3                                |
| Q8N7U6    | EF-hand domain-containing family member B                            | Efhb                                |
| Q9NRD1    | F-box only protein 6                                                 | Fbxo6                               |
| P9769     | Tyrosine-protein kinase Fgr                                          | Fgr                                  |
| POC7X4    | Putative ferritin heavy polypeptide-19                               | Fth1p19                             |
| Q8TDW7    | Protocadherin Fat 3                                                 | Fat3                                |
| Q14331    | Protein FRG1                                                        | Frg1                                |
| Q95866    | Megakaryocyte and platelet inhibitory receptor G6b                   | Mig6B                               |
| Q75N90    | Fibrillin-3                                                          | Fbn3                                |
| P24522    | Growth arrest and DNA damage-inducible protein GADD45 alpha          | Gadd45a                             |
| Q96IG2    | F-box/LRR-repeat protein 20                                           | Fbxl20                              |
| Q95633    | Follistatin-related protein 3                                        | Fstl3                               |
| P19440    | Glutathione hydrolase 1 proenzyme                                    | Ggt1                                |
| Q5YK7     | Putative gametogenetin-binding protein 1                              | Ggnbp1                              |
| Q04446    | 1A-alpha-glucan-branching enzyme                                     | Gbe1                                |
| Q75223    | Gamma-glutamylcysteine transferase                                   | Ggct                                |
| O00258    | Guided entry of tail-anchored proteins factor 1                      | Get1                                |
| Q8N9F7    | Lyosphospholipase D GDPD1                                            | GpdD1                               |
| Q9UKD1    | Glucocorticoid modulatory element-binding protein 2                  | Gmeb2                               |
| Q998B4    | Guanine nucleotide-binding protein subunit beta-like protein 1       | Gnb1L                               |
| Q9Y273    | Guanine deaminase                                                    | Gda                                 |
| P11166    | Solute carrier family 2, facilitated glucose transporter member 1    | Slc2a1                              |
| Q9UJM8    | Hydroxacyl oxidase 1                                                 | Hao1                                |
| Accession | Description                                                                 | Name   |
|-----------|------------------------------------------------------------------------------|--------|
| P22303    | Acetylcholinesterase                                                          | ACHE   |
| P16219    | Short-chain specific acyl-CoA dehydrogenase, mitochondrial                   | ACADS  |
| Q9Y614    | Actin-like protein 7B                                                         | ACTL7B |
| Q84WXA8   | 5-hydroxytryptamine receptor 3C                                               | HTR3C  |
| Q9NS6Q2   | Asc-type amino acid transporter 1                                             | SLC7A10|
| Q99217    | Amelogenin, X isoform                                                        | MELELX |
| P49419    | Alpha-aminoxipic semialdehyde dehydrogenase                                   | ALDH7A1|
| Q96NN9    | Apoptosis-inducing factor 3                                                  | AIFM3  |
| Q8NCV1    | Adenosine deaminase domain-containing protein 2                              | ADAD2  |
| Q8VF2     | Protein AHNK2                                                                | AHNK2  |
| Q86TW2    | AarF domain-containing protein kinase 1                                       | ADCK1  |
| P07550    | Beta-2 adrenergic receptor                                                   | ADRB2  |
| P10109    | Adrenodoxin, mitochondrial                                                   | FDX1   |
| Q32M45    | Anoctamin-4                                                                  | ANO4   |
| Q6UB99    | Anoctamin repeat domain-containing protein 11                                | ANKRD11|
| Q9NVN4    | Protein arginine N-methyltransferase 7                                        | PRMT7  |
| Q02410    | Amyloid-beta A4 precursor protein-binding family A member 1                  | APB1A  |
| Q6FP2P2   | Protein arginine N-methyltransferase 9                                        | PRMT9  |
| Q0VD83    | Apolipoprotein B receptor                                                     | APOBR  |
| Q9HL4     | Armadillo repeat-containing protein 7                                         | ARMC7  |
| Q92974    | Rho guanine nucleotide exchange factor 2                                     | ARHGEF2|
| O43488    | Aflatoxin B1 aldehyde reductase member 2                                     | AKR7A2 |
| O43351    | Aquaporin-9                                                                  | AQP9   |
| Q8NF2D    | Ankyrin repeat and protein kinase domain-containing protein 1                | ANKK1  |
| P35626    | Beta-adrenergic receptor kinase 2                                            | GRK3   |
| Q01484    | Ankyrin-2                                                                    | ANK2   |
| Q7Z355    | LsH domain-containing protein ARMC9                                           | ARMC9  |
| Q9HH93    | Damage-control phosphatase ARMT1                                             | ARMT1  |
| Q99929    | Achaete-scute homolog 2                                                      | ASCL2  |
| Q9S352    | Ubiquitin-like modifier-activating enzyme ATG7                               | ATG7   |
| Q96SW2    | Protein cereblon                                                             | CRBN   |
| Q0VD7D    | Break repair meiotic recombinase recruitment factor 1                        | BRME1  |
| Q9C86     | BMP/retinoic acid-inducible neural-specific protein 2                        | BRINP2 |
| P13497    | Bone morphogenetic protein 1                                                 | BMP1   |
| Q9NW68    | BSD domain-containing protein 1                                              | BSDC1  |
| Q9BYV7    | Beta,beta-carotene 9',10'-oxygenase                                           | BCO2   |
| Q6A39     | BRD4-interacting chromatin-remodeling complex-associated protein-like        | BICRAL |
| Q8WWF8    | Calcyphosin-like protein                                                     | CAPSL  |
| Q8NC6     | Biorientation of chromosomes in cell division protein 1-1                   | BOD1L1 |
| Q8NFJ8    | Class E basic helix-loop-helix protein 22                                    | BHLHE22|
| Q9PE8     | Bcl-2-binding component 3, isoforms 3/4                                      | BBC3   |
| Q9NS30    | Glycoprotein-N-acetylgalactosamine 3-beta-galactosyltransferase 1             | C1GALT1|
| Accession | Description                                                                 | Accession | Description                                                                 |
|-----------|------------------------------------------------------------------------------|-----------|------------------------------------------------------------------------------|
| Q2M329    | Coiled-coil domain-containing protein 96                                      | CCDC96    |                                                                               |
| Q5T0U0    | Coiled-coil domain-containing protein 122                                     | CCDC122   |                                                                               |
| Q86YS7    | C2 domain-containing protein 5                                                | C2CD5     |                                                                               |
| P33076    | MHC class II transactivator                                                    | CIITA     |                                                                               |
| Q62RV3    | Putative uncharacterized protein encoded by LINC00696                        | LINC00696 |                                                                               |
| P10092    | Calcitonin gene-related peptide 2                                             | CALCB     |                                                                               |
| Q90682    | Caldesmon                                                                    | CALD1     |                                                                               |
| Q86X55    | Histone-arginine methyltransferase CARM1                                      | CARM1     |                                                                               |
| P53701    | Holocytochrome c-type synthase                                                | HCCS      |                                                                               |
| Q15003    | Condensin complex subunit 2                                                  | NCAPH     |                                                                               |
| Q96SN8    | CDK5 regulatory subunit-associated protein 2                                 | CDK5RAP2  |                                                                               |
| Q89WP9    | Cytoskeleton-associated protein 2                                             | CKAP2     |                                                                               |
| Q96Kp4    | Cytosolic non-specific dipeptidase                                            | CNDP2     |                                                                               |
| Q9UJ6Y    | Protein CLN8                                                                  | CLN8      |                                                                               |
| Q88Y1     | Copine-9                                                                     | CPNE9     |                                                                               |
| Q96FN4    | Copine-2                                                                     | CPNE2     |                                                                               |
| Q9HB03    | Elongation of very long chain fatty acids protein 3                           | ELOVL3    |                                                                               |
| A1XBS5    | Protein FAM92A                                                                | FAM92A    |                                                                               |
| Q9U10     | Translation initiation factor elf-2B subunit delta                            | EIF2B4    |                                                                               |
| Q43731    | ER lumen protein-retaining receptor 3                                         | KDELR3    |                                                                               |
| Q96CS3    | FAS-associated factor 2                                                       | FAF2      |                                                                               |
| Q69T9     | Protein FAM72D                                                                | FAM72D    |                                                                               |
| Q89WWV6   | High affinity immunoglobulin alpha and immunoglobulin mu Fc receptor         | FCAMR     |                                                                               |
| Q99W18    | Dimethylaniline monooxygenase                                                  | FMO2      |                                                                               |
| Q9NVF7    | F-box only protein 28                                                         | FBXO28    |                                                                               |
| Q5UX0     | F-box only protein 31                                                         | FBXO31    |                                                                               |
| Q9TF61    | F-box only protein 41                                                         | FBXO41    |                                                                               |
| Q9UJT9    | F-box/LRR-repeat protein 7                                                     | FBXL7     |                                                                               |
| POC77T7   | Putative uncharacterized protein FRMD6-AS1                                    | FRMD6-AS1 |                                                                               |
| P39748    | Flap endonuclease 1                                                           | FEN1      |                                                                               |
| Q96CD0    | F-box/LRR-repeat protein 8                                                     | FBXL8     |                                                                               |
| Q89N41    | Fibroblast growth factor receptor-like 1                                      | FGFR1     |                                                                               |
| P22087    | tRNA 2'-O-methyltransferase fibrillarin                                        | FBL       |                                                                               |
| O95177    | Uncharacterized protein GAS8-AS1                                              | GAS8-AS1  |                                                                               |
| Q86X11    | GAS2-like protein 3                                                           | GAS2L3    |                                                                               |
| Q13283    | Ras GTPase-activating protein-binding protein 1                               | G3BP1     |                                                                               |
| Q7LD9     | Endogenous retrovirus group K member 6 Gag polyprotein                        | ERVK-6    |                                                                               |
| Q14556    | Glyceraldehyde-3-phosphate dehydrogenase, testsis-specific                    | GAPDH5    |                                                                               |
| Q95073    | Fibrinogen silencer-binding protein                                           | FSBP      |                                                                               |
| Q9BT55    | Fibronectin type III and SPRY domain-containing protein 1                     | FSD1      |                                                                               |
| P57678    | Gem-associated protein 4                                                       | GEMIN4    |                                                                               |
| Q96RT8    | Gamma-tubulin complex component 5                                             | TUBGCP5   |                                                                               |
| P59768    | Guanine nucleotide-binding protein G                                           | GNG2      |                                                                               |
| Q9P109    | Beta-1,3-galactosyl-O-glycosyl-glycoprotein beta-1,6-N-acetylglucosaminyltransferase 4 | GCNT4 |                                                                               |
| P04899    | Guanine nucleotide-binding protein G                                           | GNAI2     |                                                                               |
| ID    | Description                                                                 | Accession |
|-------|------------------------------------------------------------------------------|-----------|
| Q9Y692 | Glucocorticoid modulatory element-binding protein 1                           | GMEB1     |
| Q9NYA3 | Golgin subfamily A member 6A                                                 | GOLGA6A   |
| Q13588 | GRB2-related adapter protein                                                 | GRAP      |
| P40197 | Platelet glycoprotein V                                                       | GP5       |
| Q99445 | Glucosyl-phosphatidylinositol-anchored molecule-like protein                  | GML       |
| Q04925 | Glutaminase kidney isoform, mitochondrial                                    | GLS       |
| Q9P271 | GMP reductase 2                                                              | GMPR2     |
| Q92643 | GPI-anchor transamidase                                                       | PIGK      |
| P56524 | Histone deacetylase 4                                                        | HDAC4     |
| Q97AX9 | Gasdermin-B                                                                  | GSDMB     |
| Q9H772 | Gremlin-2                                                                    | GREM2     |
| Q02593 | Histone H1,1                                                                 | H1-1      |
| Q9N215 | Grainyhead-like protein 1 homolog                                            | GRHL1     |
| P15516 | Histatin-3                                                                   | HTN3      |
| Q95336 | 6-phosphogluconolactonase                                                    | PGL5      |
| Q95342 | Bile salt export pump                                                        | ABCB11    |
| Q7L211 | Protein ABHD13                                                               | ABHD13    |
| Q9UGJ0 | 5’-AMP-activated protein kinase subunit gamma-2                               | PRKAG2    |
| Q96X3 | Cytosolic 5’-nucleotidase 1A                                                  | NT5C1A    |
| P63151 | Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B alpha isoform | PPP2R2A   |
| Q13685 | Angio-associated migratory cell protein                                       | AAMP      |
| Q96M93 | Adenosine deaminase domain-containing protein 1                              | ADAD1     |
| Q6NS38 | DNA oxidative demethylase ALKBH2                                             | ALKBH2    |
| Q79S55 | 2-aminoethanethiol dioxygenase                                               | ADO       |
| P18089 | Alpha-2B adrenergic receptor                                                  | ADRA2B    |
| Q9K0C2 | ADP/ATP translocase 4                                                        | SLC25A31  |
| A8MVX0 | Rho guanine nucleotide exchange factor 33                                    | ARHG1F33  |
| P28039 | Acyloxyacyl hydrolase                                                        | AOAH      |
| Q10567 | AP-1 complex subunit beta-1                                                  | AP1B1     |
| Q9R572 | AP-3 complex subunit sigma-1                                                 | AP3S1     |
| P53365 | Arfaptin-2                                                                   | ARFP2     |
| Q9NXL2 | Rho guanine nucleotide exchange factor 38                                    | ARHG1F38  |
| Q8WZ64 | Arf-GAP with Rho-GAP domain, ANK repeat and PH domain-containing protein 2   | ARAP2     |
| Q9UJ12 | ATPase inhibitor, mitochondrial                                              | ATP5F1    |
| Q9NSI6 | Bromodomain and WD repeat-containing protein 1                               | BRWD1     |
| P12643 | Bone morphogenetic protein 2                                                 | BMP2      |
| Q9ULD4 | Bromodomain and PHD finger-containing protein 3                              | BRPF3     |
| Q96A19 | Coiled-coil domain-containing protein 102A                                  | CCDC102A  |
| P22003 | Bone morphogenetic protein 5                                                 | BMP5      |
| Q01954 | Zinc finger protein basonuclin-1                                             | BNC1      |
| P16442 | Histo-blood group ABO system transferase                                     | ABO       |
| Q8IZY5 | BH3-like motif-containing cell death inducer                                  | BLID      |
| Q75363 | Breast carcinoma-amplified sequence 1                                        | BCAS1     |
| O60855 | Bromodomain-containing protein 4                                             | BRD4      |
| Q6UX72 | UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 9                | B3GNT9    |
| P61769 | Beta-2-microglobulin                                                         | B2M       |
| P53004 | Biliverdin reductase A                                                       | BLVRA     |
| Accession | Protein Name                                      | Gene Symbol |
|-----------|--------------------------------------------------|-------------|
| Q58F21    | Bromodomain testis-specific protein               | BRDT        |
| Q76090    | Bestrophin-1                                      | BEST1       |
| P15291    | Beta-1,4-galactosyltransferase 1                  | B4GALT1     |
| Q94812    | BAI1-associated protein 3                         | BAIAP3      |
| Q14457    | Beclin-1                                          | BECN1       |
| Q9NOY0    | Bridging integrator 3                             | BIN3        |
| Q01668    | Voltage-dependent L-type calcium channel subunit alpha-1D | CACNA1D   |
| Q5VUE5    | Uncharacterized protein C1orf53                  | C1orf53     |
| Q13111    | Chromatin assembly factor 1 subunit A             | CHAF1A      |
| Q5SR53    | Putative uncharacterized protein PIK3CD-AS1      | PIK3CD-AS1  |
| Q75493    | Carbonic anhydrase-related protein 11             | CA11        |
| O14523    | Phospholipid transfer protein C2CD2L              | C2CD2L      |
| Q96M95    | Coiled-coil domain-containing protein 42         | CCDC42      |
| A6NI79    | Coiled-coil domain-containing protein 69         | CCDC69      |
| Q8V32     | Coiled-coil domain-containing protein 71         | CCDC71      |
| P31415    | Calsequestrin-1                                   | CASQ1       |
| Q9NQ75    | Cas scaffolding protein family member 4           | CASS4       |
| Q9Y2G2    | Caspase recruitment domain-containing protein 8   | CARD8       |
| Q8ND23    | Capping protein, Arp2/3 and myosin-I linker protein 3 | CARMIL3    |
| Q8N163    | Cell cycle and apoptosis regulator protein 2      | CCAR2       |
| P60033    | CD81 antigen                                      | CD81        |
| O15078    | Centrosomal protein of 290 kDa                   | CEP290      |
| P0C7V0    | Putative uncharacterized protein encoded by LINC00271 | LINC00271 |
| Q7Z4T9    | Cilia- and flagella-associated protein 91        | CFAP91      |
| Q96CF2    | Charged multivesicular body protein 4c            | CHMP4C      |
| Q6ZQR2    | Cilia- and flagella-associated protein 77        | CFAP77      |
| O15519    | CASP8 and FADD-like apoptosis regulator           | CFLAR       |
| P32929    | Cystathionine gamma-lyase                         | CTH         |
| Q9UKY7    | Protein CDV3 homolog                             | CDV3        |
| Q5T2Q4    | Cyclin-Y-like protein 2                           | CCNYL2      |
| Q99674    | Cell growth regulator with EF hand domain protein 1 | CGREF1    |
| P49450    | Histone H3-like centromeric protein A             | CENPA       |
| Q4VX62    | Putative uncharacterized protein C6orf99         | C6orf99     |
| Q86WJ1    | Chromodomain-helicase-DNA-binding protein 1-like | CHD1L       |
| Q3L8U1    | Chromodomain-helicase-DNA-binding protein 9      | CHD9        |
| Q8N519    | Uncharacterized protein C12orf45                 | C12orf45    |
| A8MT69    | Centromere protein X                             | CENPX       |
| Q96NB1    | Centrosomal protein 20                            | CEP20       |
| Q9NYJ1    | Cytochrome c oxidase assembly factor 4 homolog, mitochondrial | COA4        |
| P51911    | Calponin-1                                        | CUNN1       |
| Q8WZ69    | Putative uncharacterized protein C11orf40        | C11orf40    |
| Q98Q75    | Protein CMSS1                                     | CMSS1       |
| Q9HOW9    | Ester hydrolase C11orf54                          | C11orf54    |
| Accession | Description | Accession |
|-----------|-------------|-----------|
| Q96DZ9   | CKLF-like MARVEL transmembrane domain-containing protein 5 | CMTM5 |
| O76031   | ATP-dependent Clp protease ATP-binding subunit clpX-like, mitochondrial | CLPX |
| Q9NWV5   | Ceroid-lipofuscinosis neuronal protein 6 | CLN6 |
| P98187   | Cytochrome P450 4F8 | CYP4F8 |
| J3KSC0   | Putative uncharacterized protein encoded by LINC01387 | LINC01387 |
| Q16526   | Cryptochrome-1 | CRY1 |
| A0A1B0GTH6 | Casein kinase II subunit alpha'-interacting protein | CSNK2AP |
| Q9S7708  | DNA endonuclease RBBP8 | RBBP8 |
| O14595   | Carboxy-terminal domain RNA polymerase II polypeptide A small phosphatase 2 | CTDSP2 |
| Q8WUS8   | Short-chain dehydrogenase/reductase family 42E member 1 | SDR42E1 |
| Q5VT33   | Putative uncharacterized protein encoded by LINC01545 | LINC01545 |
| P60022   | Beta-defensin 1 | DEF1B |
| Q8NEG7   | Protein DENND6B | DENND6B |
| Q86XP3   | ATP-dependent RNA helicase DDX42 | DDX42 |
| Q9NX22   | Probable ATP-dependent RNA helicase DDX43 | DDX43 |
| Q75553   | Disabled homolog 1 | DAB1 |
| Q94830   | Phospholipase DDHD2 | DDHD2 |
| Q3K0Q4   | Beta-defensin 116 | DEF1B16 |
| P35638   | DNA damage-inducible transcript 3 protein | DDIIT3 |
| Q30KP9   | Beta-defensin 135 | DEF1B35 |
| Q9S904   | Deleted in azoospermia-like | DAZ1 |
| O14521   | Succinate dehydrogenase | SDH |
| Q30KQ1   | Beta-defensin 133 | DEF1B33 |
| Q96HP0   | Dedicator of cytokinesis protein 6 | DOK6 |
| P52824   | Diacylglycerol kinase theta | DGKQ |
| P37058   | Testosterone 17-beta-dehydrogenase 3 | HSD17B3 |
| P56177   | Homeobox protein DLX-1 | DLX1 |
| Q8N919   | Probable E3 ubiquitin-protein ligase DTX3 | DTX3 |
| P25101   | Endothelin-1 receptor | EDNRA |
| Q13202   | Dual specificity protein phosphatase 8 | DUSP8 |
| P01133   | Pro-epidermal growth factor | EGF |
| O43281   | Embryonal Fyn-associated substrate | EFS |
| Q5PI9    | EEF1A lysine methyltransferase | EEF1AKMT |
| O43921   | Ephrin-A2 | EFNA2 |
| A2A2Y4   | FERM domain-containing protein 3 | FRMD3 |
| Q9H469   | F-box/LRR-repeat protein 15 | FBXL15 |
| P07954   | Fumarate hydratase | FH |
| P62683   | Endogenous retrovirus group K member 21 Gag polyprotein | ERVK-21 |
| A0A2Z4L139 | Forkhead box protein 03B | FOXO3B |
| Q16676   | Forkhead box protein D1 | FOXD1 |
| Q99853   | Forkhead box protein B1 | FOXB1 |
| Q13070   | G antigen 6 | GAG6 |
| P14324   | Farnesyl pyrophosphate synthase | FPPS |
| Q14393   | Growth arrest-specific protein 6 | GAS6 |
| Q9HCQ5   | Polypeptide N-acetylgalactosaminyltransferase 9 | GALNT9 |
| Accession | Description                                                                 | Protein   |
|-----------|------------------------------------------------------------------------------|-----------|
| Q96D09   | G-protein coupled receptor-associated sorting protein 2                       | GPRASP2   |
| Q8N9W4   | Golgin subfamily A member 6-like protein 2                                    | GOLGA6L2 |
| P0CL81   | G antigen 12G                                                                  | GAGE12G   |
| O60262   | Guanine nucleotide-binding protein G                                           | GNG7      |
| Q98SJ2   | Gamma-tubulin complex component 2                                             | TUBGCP2   |
| Q7L5L3   | Lyso phospholipase D GDPD3                                                     | GDPD3     |
| Q76003   | Glutaredoxin-3                                                                | GLRX3     |
| O60741   | Potassium/sodium hyperpolarization-activated cyclic nucleotide-gated channel 1 | HCN1      |
| Q8TDF6   | RAS guanyl-releasing protein 4                                                 | RASGRP4   |
| Q9HAV7   | GrpE protein homolog 1, mitochondrial                                          | GRPEL1    |
| P49840   | Glycogen synthase kinase-3 alpha                                              | GSK3A     |
| Q8N7I0   | Protein GVQW1                                                                  | GVQW1     |
| P20671   | Histone H2A type 1-D                                                          | H2AC7     |
| Q98ZM3   | GS homeobox 2                                                                  | GSX2      |
| Q99871   | HAUS augmin-like complex subunit 7                                             | HAUS7     |
| Q6UWZ7   | BRCA1-A complex subunit Abraxas 1                                              | ABRAXAS1  |
| Q969K4   | Ankyrin repeat and BTB/POZ domain-containing protein 1                        | ABTB1     |
| A8K2U0   | Alpha-2-macroglobulin-like protein 1                                           | A2ML1     |
| Q9BTE6   | Alanyl-tRNA editing protein Aarsd1                                              | AARS1     |
| Q7Z5M8   | Protein ABHD12B                                                                | ABHD12B   |
| P05519   | Tyrosine-protein kinase ABL1                                                   | ABL1      |
| P30532   | Neuronal acetylcholine receptor subunit alpha-5                               | CHRNA5    |
| Q58KT4   | Dol-P-Glc-Glc                                                                  | ALG10     |
| Q9Y4X0   | AMME syndrome candidate gene 1 protein                                         | AMMECR1   |
| P35611   | Alpha-adducin                                                                 | ADD1      |
| Q6IQ32   | Activity-dependent neuroprotector homeobox protein 2                           | ADNP2     |
| Q96P64   | Arf-GAP with GTPase, ANK repeat and PH domain-containing protein 4             | AGAP4     |
| Q9H568   | Actin-like protein 8                                                           | ACTL8     |
| Q01718   | Adrenocorticotropic hormone receptor                                           | MC2R      |
| P17516   | Aldo-keto reductase family 1 member C4                                         | AKR1C4    |
| Q99965   | Disintegrin and metalloproteinase domain-containing protein 2                 | ADAM2     |
| Q43306   | Adenylate cyclase type 6                                                       | ADCY6     |
| Q6O6H7   | Adenosine deaminase-like protein                                               | ADAL      |
| Q86SQ6   | Adhesion G protein-coupled receptor A1                                         | ADGRA1    |
| Q53FZ2   | Acyl-coenzyme A synthetase ACSM3, mitochondrial                               | ACSM3     |
| Q9Y6Z5   | Putative uncharacterized protein AFDN-DT                                       | AFDN-DT   |
| Q13790   | Apolipoprotein F                                                              | APOF      |
| Q8N9B4   | Ankyrin repeat domain-containing protein 42                                    | ANKRD42   |
| Q6T311   | ADP-ribosylation factor-like protein 9                                         | ARL9      |
| Q9NR80   | Rho guanine nucleotide exchange factor 4                                       | ARHGEF4   |
| Q8N8L6   | ADP-ribosylation factor-like protein 10                                        | ARL10     |
| Accession | Description                                                                 | UniProt ID |
|-----------|------------------------------------------------------------------------------|------------|
| Q05ZL2    | Centrosomal protein of 85 kDa-like                                           | CEP85L     |
| Q09HC52   | Chromobox protein homolog 8                                                 | CBX8       |
| Q09H8W2   | Putative uncharacterized protein encoded by LINCO0472                        | LINCO0472  |
| P0DN79    | Cystathionine beta-synthase-like protein                                      | CBSL       |
| Q15335    | Chondroadherin                                                               | CHAD       |
| Q13042    | Cell division cycle protein 16 homolog                                       | CDC16      |
| Q06519    | Protein CEI                                                                  | C5orf38    |
| Q05ZQ8    | CUGBP Elav-like family member 3                                              | CELF3      |
| Q711Q0    | Cardiac-enriched FHL2-interacting protein                                    | CEFIP      |
| Q09Y3Y2   | Chromatin target of PRMT1 protein                                            | CHTOP      |
| Q08NAJ2   | Putative uncharacterized protein C9orf106                                    | C9orf106   |
| Q05BL8    | Neuropeptide-like protein                                                    | C4or48     |
| Q13319    | Cyclin-dependent kinase 5 activator 2                                         | CDK5R2     |
| Q02HXU8   | C-type lectin domain family 12 member B                                       | CLEC12B    |
| Q08NAJ5   | Cyclin N-terminal domain-containing protein 1                                 | CNTD1      |
| A0A1B0GV6| Uncharacterized protein C11orf97                                             | C11orf97   |
| Q09P2W6   | Uncharacterized protein C11orf21                                             | C11orf21   |
| Q08WTT0   | C-type lectin domain family 4 member C                                       | CLEC4C     |
| P0CDL5    | Complement C4-B                                                             | C4B        |
| Q043174   | Cytochrome P450 26A1                                                         | CYP26A1    |
| P24903    | Cytochrome P450 2F1                                                          | CYP2F1     |
| Q09POS2   | Cytochrome c oxidase assembly protein COX16 homolog, mitochondrial           | COX16      |
| K7EIQ3    | Uncharacterized protein ZNF561-AS1                                           | ZNF561-AS1 |
| Q09H112   | Cystatin-11                                                                  | CST11      |
| Q08NI44   | Gap junction delta-3 protein                                                 | GJD3       |
| Q06XM0    | Cation channel sperm-associated protein subunit delta                         | CATSPERD   |
| Q060494   | Cubulin                                                                      | CUBN       |
| Q09GZN8   | UPF0687 protein C20orf27                                                     | C20orf27   |
| P51397    | Death-associated protein 1                                                   | DAP        |
| Q09H816   | 5’ exonuclease Apollo                                                        | DCLRE1B    |
| Q09H295   | Dendritic cell-specific transmembrane protein                                | DCSTAMP    |
| Q08NW95   | Dynein assembly factor 3, axonemal                                           | DNAAF3     |
| Q09NR90   | Deleted in azoospermia protein 3                                             | DAZ3       |
| Q09UG00   | Doublecortin domain-containing protein 2                                     | DCDC2      |
| Q090091   | Dystrophia myotonica WD repeat-containing protein                            | DMWD       |
| P06981    | Destrin                                                                      | DSTN       |
| Q99NNZ3   | DnaJ homolog subfamily C member 4                                            | DNAJC4     |
| P49916    | DNA ligase 3                                                                 | LIG3       |
| Q16854    | Deoxyguanosine kinase, mitochondrial                                         | DGUOK      |
| Q9UBS4    | DnaJ homolog subfamily B member 11                                           | DNAJB11    |
| Q00213    | Desmoglein-1                                                                 | DSG1       |
| Q96DT5    | Dynein heavy chain 11, axonemal                                              | DNAH11     |
| Q096K1    | DNA                                                                          | DNMT3A     |
| Q8TDS7    | Dynein heavy chain 3, axonemal                                                | DNAH3      |
| Q15723    | ETS-related transcription factor Elf-2                                       | ELF2       |
| Accession | Description | Accession | Description |
|-----------|-------------|-----------|-------------|
| Q9UKW6    | ETS-related transcription factor Ef-5 | Q9NYF5    | Protein FAM13B |
| Q9NQZ7    | Ectonucleoside triphosphate diphosphohydrolase 7 | P0C7X0    | Putative protein FAM90A24P |
| Q8WVX9    | Fatty acyl-CoA reductase 1 | Q9NVL1    | Putative protein FAM86C1P |
| Q8C7X0    | Putative protein ELF5 | Q8N2R8    | Protein FAM43A |
| Q15170    | Elk-5 | P16118    | 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 1 |
| Q8NA70    | Protein FAM47B | Q9N0U4    | Protein FAM185A |
| Q8HXL6    | Extracellular serine/threonine protein kinase FAM20C | Q15024    | Exosome complex component RRP42 |
| Q98Z7E    | UPP0193 protein EVG1 | Q9NVH0    | Exonuclease 3'-5' domain-containing protein 2 |
| Q9NVH1    | Fasconi anemia group 1 protein | A6NFA0    | Protein FAM205C |
| Q8IYD8    | Fasconi anemia group M protein | Q9H201    | Epsin-3 |
| P15311    | Ezrin | Q8WUB2    | Protein FAM216A |
| Q8IAY7    | Protein FAM110D | P16118    | 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 1 |
| A6PYV3    | Protein FAM177B | Q9NQ60    | Equatorin |
| Q6IPR1    | Electron transfer flavoprotein regulatory factor 1 | Q9Y6R7    | IgGFc-binding protein |
| Q14677    | Clathrin interactors 1 | Q9NYF5    | Protein FAM13B |
| Q8N0U4    | Protein FAM185A | Q15024    | Exosome complex component RRP42 |
| Q9N0U4    | Protein FAM185A | Q9N0U4    | Protein FAM185A |
| Q8IAY7    | Protein FAM110D | A6NFA0    | Protein FAM205C |
| Q9H201    | Epsin-3 | Q8WUB2    | Protein FAM216A |
| Q9NQ60    | Equatorin | Q9N0U4    | Protein FAM185A |
| Q92935    | Exostatin-like 1 | Q9Y6R7    | IgGFc-binding protein |
| Q9Y6R7    | IgGFc-binding protein | Q05932    | Folypolyglutamate synthase, mitochondrial |
| Q9N0U4    | Protein FAM185A | Q9455    | Fasconi anemia-related protein |
| Q05932    | Folypolyglutamate synthase, mitochondrial | Q5MN8    | F-box only protein 47 |
| Q9N0U4    | Protein FAM185A | B3EGW3    | Protein FAM25A |
| Q9N0U4    | Protein FAM185A | O43427    | Acidic fibroblast growth factor intracellular-binding protein |
| A2VDF0    | Fucose mutarotase | FIBP      | Acidic fibroblast growth factor intracellular-binding protein |
| Q9UB55    | Gamma-aminobutyric acid type B receptor subunit 1 | Q96I24    | Far upstream element-binding protein 3 |
| Q96I24    | Far upstream element-binding protein 3 | Q5VWW2    | GTPase-activating Rap/Ran-GAP domain-like protein 3 |
| Q5VWW2    | GTPase-activating Rap/Ran-GAP domain-like protein 3 | O15353    | Forkhead box protein N1 |
| O15353    | Forkhead box protein N1 | Q14C86    | GTPase-activating protein and VPS9 domain-containing protein 1 |
| Q14C86    | GTPase-activating protein and VPS9 domain-containing protein 1 | B5MD39    | Putative glutathione hydrolase light chain 3 |
| B5MD39    | Putative glutathione hydrolase light chain 3 | P01225    | Follitropin subunit beta |
| P01225    | Follitropin subunit beta | Q96MS3    | Glycosyltransferase 1 domain-containing protein 1 |
| Q96MS3    | Glycosyltransferase 1 domain-containing protein 1 | Q03113    | Guanine nucleotide-binding protein subunit alpha-12 |
| Q03113    | Guanine nucleotide-binding protein subunit alpha-12 |
| Accession | Description                                                                                         | Description                        |
|-----------|------------------------------------------------------------------------------------------------------|-------------------------------------|
| Q7Z6J2   | Protein TAMALIN                                                                                      | TAMALIN                             |
| Q9Y3E0   | Vesicle transport protein GOL18                                                                     | GOL18                               |
| Q08AF8   | Putative golgin subfamily A member 8F/8G                                                              | GOLG8F;                             |
| Q14439   | G-protein coupled receptor 176                                                                         | GPR176                              |
| P38405   | Guanine nucleotide-binding protein G                                                                     | GNA1                                |
| Q14451   | Growth factor receptor-bound protein 7                                                                 | GRB7                                |
| P32189   | Glycerol kinase                                                                                        | GK                                  |
| Q43194   | G-protein coupled receptor 39                                                                        | GPR39                               |
| P46089   | G-protein coupled receptor 3                                                                         | GPR3                                |
| Q9Y2T5   | G-protein coupled receptor 52                                                                        | GPR52                               |
| Q6UWM5   | GLIPRI1-like protein 1                                                                               | GLIPRI1L1                           |
| Q16695   | Histone H3.1t                                                                                        | H3-4                                |
| Q96P50   | Arf-GAP with coiled-coil, ANK repeat and PH domain-containing protein 3                               | ACAP3                               |
| Q9NUN7   | Alkaline ceramidase 3                                                                               | ACER3                               |
| P31937   | 3-hydroxyisobutyrate dehydrogenase, mitochondrial                                                    | HIBADH                              |
| Q9NP78   | ATP-binding cassette sub-family B member 9                                                            | ABCB9                               |
| Q9UDR5   | Alpha-aminoisoxipidic semialdehyde synthase, mitochondrial                                            | AASS                                |
| P20309   | Muscarinic acetylcholine receptor M3                                                                  | CHRM3                               |
| Q05901   | Neuronal acetylcholine receptor subunit beta-3                                                         | CHRN3B                              |
| P31947   | 14-3-3 protein sigma                                                                                  | SFN                                 |
| P55196   | Afadin                                                                                                | AFDN                                |
| Q08AH3   | Acyl-coenzyme A synthase ACSM2A, mitochondrial                                                        | ACSM2A                              |
| Q9H013   | Disintegrin and metalloproteinase domain-containing protein 19                                         | ADAM19                              |
| Q6QN2K   | Adhesion G-protein coupled receptor D1                                                                | ADGRD1                              |
| O60241   | Adhesion G protein-coupled receptor B2                                                                | ADGRB2                              |
| Q9BYT9   | Anoctamin-3                                                                                           | ANO3                                |
| Q8N283   | Ankyrin repeat domain-containing protein 35                                                           | ANKR35                              |
| Q7Z713   | Ankyrin repeat domain-containing protein 37                                                           | ANKR37                              |
| Q12955   | Ankyrin-3                                                                                            | ANK3                                |
| Q9NWX5   | Ankyrin repeat and SOCS box protein 6                                                                 | ASB6                                |
| Q9H118   | Activating signal cointegrator 1 complex subunit 2                                                    | ASCC2                               |
| Q6HA08   | Astacin-like metalloendopeptidase                                                                    | ASTL                                |
| Q01814   | Plasma membrane calcium-transporting ATPase 2                                                          | ATP2B2                              |
| P10523   | S-arrestin                                                                                            | SAG                                 |
| P0DMR3   | Putative protein ATXN8OS                                                                               | ATXN8OS                             |
| O00192   | Armadillo repeat protein deleted in velo-cardio-facial syndrome                                         | ARVCFC                              |
| Q8N5I2   | Arrestin domain-containing protein 1                                                                   | ARRDC1                              |
| P56880   | Claudin-20                                                                                            | CLDN20                              |
| Q14493   | Claudin-4                                                                                            | CLDN4                               |
| P54252   | Ataxin-3                                                                                            | ATXN3                               |
| Q8NHS1   | Claudin domain-containing protein 2                                                                    | CLDND2                              |
| Q5TC12   | ATP synthase mitochondrial F1 complex assembly factor 1                                                 | ATPAF1                              |
| Q9H324   | A disintegrin and metalloproteinase with thrombospondin motifs 10                                      | ADAMTS10                            |
| Accession | Description |
|-----------|-------------|
| Q6UX73 | UPF0764 protein C16orf89 |
| Q9XS0 | Collagen alpha-1 |
| A8MG2 | Uncharacterized protein C16orf90 |
| P00395 | Cytochrome c oxidase subunit 1 |
| Q9HR93 | Uncharacterized protein C16orf95 |
| P00403 | Cytochrome c oxidase subunit 2 |
| P53621 | Coatomer subunit alpha |
| P05108 | Cholesterol side-chain cleavage enzyme, mitochondrial |
| Q7Z408 | CUB and sushi domain-containing protein 2 |
| Q7Z407 | CUB and sushi domain-containing protein 3 |
| P35606 | Coatomer subunit beta' |
| Q9UPN4 | Centrosomal protein of 131 kDa |
| P35618 | Coatomer subunit beta |
| P20023 | Complement receptor type 2 |
| Q66GS9 | Centrosomal protein of 135 kDa |
| Q13098 | COP9 signalosome complex subunit 1 |
| Q8WTT3 | Conserved oligomeric Golgi complex subunit 1 |
| Q96BA8 | Cyclic AMP-responsive element-binding protein 3-like protein 1 |
| Q14746 | Conserved oligomeric Golgi complex subunit 2 |
| Q70SY1 | Cyclic AMP-responsive element-binding protein 3-like protein 2 |
| P48444 | Coatomer subunit delta |
| P61201 | COP9 signalosome complex subunit 2 |
| Q96JB2 | Conserved oligomeric Golgi complex subunit 3 |
| Q68CJ9 | Cyclic AMP-responsive element-binding protein 3-like protein 3 |
| P05093 | Steroid 17-alpha-hydroxylase/17,20 lyase |
| O14579 | Coatomer subunit epsilon |
| Q8TEY5 | Cyclic AMP-responsive element-binding protein 3-like protein 4 |
| Q99HE3 | Conserved oligomeric Golgi complex subunit 4 |
| Q9Y678 | Coatomer subunit gamma-1 |
| P10606 | Cytochrome c oxidase subunit 5B, mitochondrial |
| Q9UP83 | Conserved oligomeric Golgi complex subunit 5 |
| Q9UNS2 | COP9 signalosome complex subunit 3 |
| Q9UBF2 | Coatomer subunit gamma-2 |
| Q5R15 | Cytochrome c oxidase assembly protein COX20, mitochondrial |
| Q9Y2V7 | Conserved oligomeric Golgi complex subunit 6 |
| Q9NQ79 | Cartilage acidic protein 1 |
| Q9BT78 | Cytochrome c oxidase subunit 6C |
| Q9H939 | Cytochrome c oxidase assembly protein COX20, mitochondrial |
| Q6ZU35 | Capping protein inhibiting regulator of actin dynamics |
| Q9NQ92 | Coordinator of PRMT5 and differentiation stimulator |
| P83436 | Conserved oligomeric Golgi complex subunit 7 |
| O15431 | High affinity copper uptake protein 1 |
| P78560 | Death domain-containing protein |
| P11511 | Aromatase |
| P26998 | Beta-crystallin B3 | CRYBB3 |
|-------|-------------------|--------|
| P05177 | Cytochrome P450 1A2 | CYP1A2 |
| P00414 | Cytochrome c oxidase subunit 3 | MT-CO3 |
| Q7Z7K0 | COX assembly mitochondrial protein homolog | CMC1 |
| Q99WP8 | Collectin-11 | COLEC11 |
| Q9H9Q2 | COP9 signalosome complex subunit 7a | COPS7A |
| Q8N1P7 | Beta/gamma crystallin domain-containing protein 2 | CRYBG2 |
| Q68DQ2 | Very large A-kinase anchor protein | CRYBG3 |
| Q8N668 | COMM domain-containing protein 1 | COMMD1 |
| Q9NRP2 | COMM domain-containing protein 2 homolog | CMC2 |
| Q5KU26 | Collectin-12 | COLEC12 |
| Q9GZQ3 | COMM domain-containing protein 5 | COMMD5 |
| Q14019 | Cocactosin-like protein | COTL1 |
| Q724Q1 | COMM domain-containing protein 6 | COMMD6 |
| Q6UNW2 | Cytochrome P450 20A1 | CYP20A1 |
| Q86VX2 | COMM domain-containing protein 7 | COMMD7 |
| Q9NX08 | COMM domain-containing protein 8 | COMMD8 |
| P09603 | Macrophage colony-stimulating factor 1 receptor | CSF1 |
| Q9P000 | COMM domain-containing protein 9 | COMMD9 |
| Q96P44 | Collagen alpha-1 | COL21A1 |
| Q5H9J7 | Protein BEX5 | BEX5 |
| Q95972 | Bone morphogenetic protein 15 | BMP15 |
| P30043 | Flavin reductase | BLVRB |
| Q8NF0 | BPI fold-containing family B member 2 | BPIFB2 |
| P78537 | Biogenesis of lysosome-related organelles complex 1 subunit 1 | BLOC1S1 |
| P15538 | Cytochrome P450 11B1, mitochondrial | CYP11B1 |
| Q86WA6 | Valacyclovir hydrolase | BPHL |
| Q6PJG6 | BRCA1-associated ATM activator 1 | BRAT1 |
| P04920 | Anion exchange protein 2 | SLC4A2 |
| P51587 | Breast cancer type 2 susceptibility protein | BRCA2 |
| P50895 | Basal cell adhesion molecule | BCAM |
| P56817 | Beta-secretase 1 | BACE1 |

| Q9P218 | Collagen alpha-1 | COL20A1 |
| Q9Y6Z7 | Collectin-10 | COLEC10 |
| Q9UBW8 | COP9 signalosome complex subunit 7a | COPS7A |
| Q9Y4K1 | Beta/gamma crystallin domain-containing protein 1 | CRYBG1 |
| P05177 | Cytochrome P450 1A2 | CYP1A2 |
| P00414 | Cytochrome c oxidase subunit 3 | MT-CO3 |
| Q7Z7K0 | COX assembly mitochondrial protein homolog | CMC1 |
| Q99WP8 | Collectin-11 | COLEC11 |
| Q9H9Q2 | COP9 signalosome complex subunit 7b | COPS7B |
| Q8N1P7 | Beta/gamma crystallin domain-containing protein 2 | CRYBG2 |
| Q68DQ2 | Very large A-kinase anchor protein | CRYBG3 |
| Q8N668 | COMM domain-containing protein 1 | COMMD1 |
| Q9NR | COMM domain-containing protein 2 | COMMD2 |
| Q5KU26 | Collectin-12 | COLEC12 |
| Q60519 | cAMP-responsive element-binding protein-like 2 | CREBL2 |
| Q86X83 | COMM domain-containing protein 2 | COMMD2 |
| Q9908 | COMM domain-containing protein 3 | COMMD3 |
| Q9H0A8 | COMM domain-containing protein 4 | COMMD4 |
| P07333 | Macrophage colony-stimulating factor 1 receptor | CSF1 |
| Q16678 | Cytochrome P450 1B1 | CYP1B1 |
| Q9GZQ3 | COMM domain-containing protein 5 | COMMD5 |
| Q14019 | Cocactosin-like protein | COTL1 |
| Q724Q1 | COMM domain-containing protein 6 | COMMD6 |
| Q6UNW2 | Cytochrome P450 20A1 | CYP20A1 |
| Q86VX2 | COMM domain-containing protein 7 | COMMD7 |
| Q9NX08 | COMM domain-containing protein 8 | COMMD8 |
| P09603 | Macrophage colony-stimulating factor 1 | CSF1 |
| Q9P000 | COMM domain-containing protein 9 | COMMD9 |
| Q96P44 | Collagen alpha-1 | COL21A1 |
| Q5H9J7 | Protein BEX5 | BEX5 |
| Q95972 | Bone morphogenetic protein 15 | BMP15 |
| P30043 | Flavin reductase | BLVRB |
| Q8NF0 | BPI fold-containing family B member 2 | BPIFB2 |
| P78537 | Biogenesis of lysosome-related organelles complex 1 subunit 1 | BLOC1S1 |
| P15538 | Cytochrome P450 11B1, mitochondrial | CYP11B1 |
| Q86WA6 | Valacyclovir hydrolase | BPHL |
| Q6PJG6 | BRCA1-associated ATM activator 1 | BRAT1 |
| P04920 | Anion exchange protein 2 | SLC4A2 |
| P51587 | Breast cancer type 2 susceptibility protein | BRCA2 |
| P50895 | Basal cell adhesion molecule | BCAM |
| P56817 | Beta-secretase 1 | BACE1 |
| Accession Number | Gene Name                                                                 |
|------------------|--------------------------------------------------------------------------|
| Q9H3F6           | BTB/POZ domain-containing adapter for CUL3-mediated RhoA degradation protein 3 |
| Q75752           | UDP-GalNAc-beta-1,3-N-acetylgalactosaminyltransferase 1                   |
| Q00512           | B-cell CLL/lymphoma 9 protein BCL9                                        |
| P43235           | Cathepsin K                                                              |
| Q8N1D5           | Uncharacterized protein C1orf158                                         |
| Q6NSX1           | Coiled-coil domain-containing protein 70                                  |
| P42574           | Caspase-3                                                                |
| Q8N5R6           | Coiled-coil domain-containing protein 33                                  |
| Q9UBN1           | Voltage-dependent calcium channel gamma-4 subunit                         |
| Q9P1Z9           | Coiled-coil domain-containing protein 180                                 |
| Q92793           | CREB-binding protein                                                     |
| Q6V702           | Cilia- and flagella-associated protein 299                                |
| Q7Z460           | CLIP-associating protein 1                                               |
| Q14031           | Collagen alpha-6                                                         |
| Q96GR2           | Long-chain-fatty-acid---CoA ligase ACSBG1                                  |
| Q9NUQ8           | ATP-binding cassette sub-family F member 3                                |
| P20594           | Atrial natriuretic peptide receptor 2                                    |
| Q95782           | AP-2 complex subunit alpha-1                                             |
| Q5JPF3           | Ankyrin repeat domain-containing protein 36C                              |
| P41181           | Aquaporin-2                                                              |
| Q8N7S6           | Uncharacterized protein ARH2OS                                             |
| Q9Y2Y0           | ADP-ribosylation factor-like protein 2-binding protein                   |
| Q95841           | Angiopoietin-related protein 1                                           |
| Q9HBZ2           | Aryl hydrocarbon receptor nuclear translocator 2                           |
| P20933           | N                                                                       |
| O14744           | Protein arginine N-methyltransferase 5                                    |
| Q9UBL0           | cAMP-regulated phosphoprotein 21                                           |
| P50747           | Biotin---protein ligase                                                  |
| Q96RK4           | Bardet-Biedl syndrome 4 protein                                           |
| O43521           | Bcl-2-like protein 11                                                     |
| P56945           | Breast cancer anti-estrogen resistance protein 1                          |
| Q9UL15           | BAG family molecular chaperone regulator 5                                |
| Q9UQ88           | Brain-specific angiogenesis inhibitor 1-associated protein 2              |
| I3L3R5           | Coiled-coil domain-containing glutamate-rich protein 2                    |
| P22223           | Cadherin-3                                                               |
| Q16568           | Cocaine- and amphetamine-regulated transcript protein                     |
| P0CE67           | Putative uncharacterized protein encoded by LINC02877                     |
| A6NI56           | Coiled-coil domain-containing protein 154                                 |
| Q6PK04           | Coiled-coil domain-containing protein 137                                 |
| Q8IVU9           | Ciliary-associated calcium-binding coiled-coil protein 1                  |
| Q92851           | Caspase-10                                                               |
| P55773           | C-C motif chemokine 23                                                    |
| Q8NHU2           | Cilia- and flagella-associated protein 61                                  |
| Accession | Description                                                                 | Name   |
|-----------|------------------------------------------------------------------------------|--------|
| P08603    | Complement factor H                                                           | CFH    |
| Q9BWS9    | Chitinase domain-containing protein 1                                         | CHID1  |
| Q95400    | CD2 antigen cytoplasmic tail-binding protein 2                                | CD2BP2 |
| Q7L1S5    | Carbohydrate sulfotransferase 9                                              | CHST9  |
| Q8N884    | Cyclic GMP-AMP synthase                                                       | CGAS   |
| Q982C1    | CUGBP Elav-like family member 4                                               | CELF4  |
| Q98UW7    | UPR0184 protein C9orf16                                                        | C9orf16|
| P46527    | Cyclin-dependent kinase inhibitor 1B                                           | CDKN1B |
| P19397    | Leukocyte surface antigen CD53                                                | CD53   |
| Q5VYM1    | Uncharacterized protein C9orf131                                               | C9orf131|
| P24385    | G1/S-specific cyclin-D1                                                       | CCND1  |
| Q5QF7     | Putative uncharacterized protein encoded by LINCO1556                         | LINCO1556|
| Q96020    | G1/S-specific cyclin-E2                                                       | CCNE2  |
| Q8NCG5    | Carbohydrate sulfotransferase 4                                              | CHST4  |
| P27544    | Ceramide synthase 1                                                           | CERS1  |
| Q9NRU3    | Metal transporter CNNM1                                                       | CNNM1  |
| Q9P126    | C-type lectin domain family 1 member B                                        | CLEC1B |
| Q16740    | ATP-dependent Clp protease proteolytic subunit, mitochondrial                 | CLPP   |
| Q62U45    | Putative C-type lectin domain family 20 member A                             | CLEC20A|
| Q13956    | Retinal cone rhodopsin-sensitive cGMP 3',5'--cyclic phosphodiesterase subunit gamma | PDE6H  |
| Q8N2M8    | CLK4-associating serine/arginine rich protein                                 | CLASRP |
| P08123    | Collagen alpha-2                                                             | COL1A2 |
| Q8TEF2    | Uncharacterized protein C10orf105                                             | C10orf105|
| Q15021    | Condensin complex subunit 1                                                 | NCAPD2 |
| P32260    | Cytochrome P450 2C18                                                          | CYP2C18|
| Q75462    | Cytokine receptor-like factor 1                                               | CRLF1  |
| Q95555    | Protein cramped-like                                                         | CRAMP1 |
| Q9UF4G5   | UPR0149 protein C19orf25                                                       | C19orf25|
| A0A1B0GL2 | Uncharacterized protein C20orf204                                             | C20orf204|
| Q5TEA3    | Uncharacterized protein C20orf194                                              | C20orf194|
| P0DMU8    | Cancer/testis antigen family 45 member A                                      | CT45A5 |
| Q9Y2S2    | Lambda-crystallin homolog                                                    | CRYL1  |
| P46108    | Adapter molecule crk                                                          | CRK    |
| Q8NHU0    | Cancer/testis antigen family 45 member A                                      | CT45A3 |
| P19876    | C-X-C motif chemokine 3                                                       | CXCL3  |
| Q07325    | C-X-C motif chemokine 9                                                       | CXCL9  |
| P56545    | C-terminal-binding protein 2                                                  | CTBP2  |
| Q6UX04    | Spliceosome-associated protein CW27 homolog                                  | CW27   |
| Q9NTM9    | Copper homeostasis protein cutC homolog                                       | CUTC   |
| Q5VW1S7   | Cystatin-9                                                                   | CST9   |
| Q14999    | Cullin-7                                                                     | CUL7   |
| Q13619    | Cullin-4A                                                                    | CUL4A  |
| Q14154    | DAP3-binding cell death enhancer 1                                            | DELE1  |
| Q13561    | Dynactin subunit 2                                                            | DCTN2  |
| Q86Y56    | Dynein assembly factor 5, axonemal                                            | DNAAF5 |
| P59103    | D-amino acid oxidase activator                                                | DAOA   |
| Q96818    | Dapper homolog 3                                                             | DAC13  |
| Q9UHL0    | ATP-dependent RNA helicase                                                    | DDX25  |
| ID   | Description                                                                 |
|------|-----------------------------------------------------------------------------|
| O00571 | ATP-dependent RNA helicase DDX3X                                           |
| Q9H9R9 | Dysbindin domain-containing protein 1                                       |
| O998VC3 | Sister chromatid cohesion protein DCC1                                     |
| Q98Y27 | Protein DGCR6L                                                             |
| Q96PD7 | Diacylglycerol O-acyltransferase 2                                          |
| Q7Z478 | ATP-dependent RNA helicase DHX29                                            |
| Q8IX18 | Probable ATP-dependent RNA helicase DHX40                                   |
| Q9NVH1 | DnaJ homolog subfamily C member 11                                         |
| Q6ZR08 | Dynein heavy chain 12, axonemal                                            |
| Q9UNI6 | Dual specifity protein phosphatase 12                                       |
| Q43854 | EGF-like repeat and discoidin I-like domain-containing protein 3            |
| Q8TC29 | Enkunin                                                                     |
| Q00013 | 55 kDa erythrocyte membrane protein                                         |
| Q9NPA0 | ER membrane protein complex subunit 7                                       |
| Q8N6R0 | eEF1A lysine and N-terminal methyltransferase                               |
| Q9Y6B2 | EP300-interacting inhibitor of differentiation 1                             |
| Q4L180 | Filamin A-interacting protein 1-lie                                        |
| Q5HY92 | Fidgetin                                                                    |
| Q9Y613 | FH1/FH2 domain-containing protein 1                                         |
| Q95750 | Fibroblast growth factor 19                                                |
| Q13642 | Four and a half LIM domains protein 1                                       |
| Q14517 | Protocadherin Fat 1                                                        |
| Q7Z6J6 | FERM domain-containing protein 5                                            |
| A9Z1Z3 | Fer-1-like protein 4                                                        |
| P63145 | Endogenous retrovirus group K member 24 Gag polyprotein                    |
| Q9Y231 | 4-galactosyl-N-acetylglucosaminide 3-alpha-L-fucosyltransferase 9          |
| Q4VC44 | FLYWCH-type zinc finger-containing protein 1                                |
| Q6NT46 | G antigen 2A                                                                |
| Q9H334 | Forkhead box protein P1                                                     |
| Q9H1C3 | Glycosyltransferase 8 domain-containing protein 2                           |
| A6NN73 | Golgin subfamily A member 6C                                               |
| Q66S56 | Probable G-protein coupled receptor 149                                     |
| Q7Z601 | Probable G-protein coupled receptor 142                                     |
| Q8TD7 | Probable G-protein coupled receptor 152                                     |
| A6NN73 | Golgin subfamily A member 8C                                               |
| Q6XS8 | E3 ubiquitin-protein ligase                                                 |
| Q49SQ1 | Probable G-protein coupled receptor 33                                      |
| Q9NQS5 | G-protein coupled receptor 84                                               |
| Protein Name                                      | Gene Symbol   |
|--------------------------------------------------|---------------|
| Guanylyl cyclase-activating protein 1             | GUCA1A        |
| Gastrin-releasing peptide                        | GRP           |
| Gasdermin-D                                      | GSDMD         |
| Histone H2B type F-M                             | H2BW2         |
| Hepatoma-derived growth factor-related protein 3 | HDGFL3        |
| Histone H2A type 1-B/E                           | H2AC4         |
| Very long-chain specific acyl-CoA dehydrogenase, mitochondrial | ACADVL |
| Neuronal acetylcholine receptor subunit alpha-7  | CHRNA7        |
| Muscarinic acetylcholine receptor M1              | CHRM1         |
| Protein AATF                                     | AATF          |
| Protein ABHD18                                   | ABHD18        |
| Adipogenesis regulatory factor                   | ADIRF         |
| Activity-dependent neuroprotector homebox protein | ADNP          |
| Protein ALEX                                     | GNAS          |
| Delta-1-pyrroline-5-carboxylate dehydrogenase, mitochondrial | ALDH4A1 |
| Putative uncharacterized protein encoded by AGBP4T-IT1 | AGFG1 |
| Aldo-keto reductase family 1 member B1            | AKR1B1        |
| AT-hook DNA-binding motif-containing protein 1    | AHDC1         |
| Alpha-ketoglutarate-dependent dioxygenase akB homolog 7, mitochondrial | ALKBH7 |
| Akirin-2                                         | AKIRIN2       |
| Adhesion G-protein coupled receptor F2            | ADGRF2        |
| Putative glycosyltransferase ALG1-like            | ALG1L         |
| Ankyrin repeat domain-containing protein 13A      | ANKRD13A      |
| Antithrombin-III                                 | SERPINC1      |
| Acidic leucine-rich nuclear phosphoprotein 32 family member D | ANP32D |
| Apolipoprotein L domain-containing protein 1      | APOLD1        |
| Ankyrin repeat domain-containing protein 27       | ANKRD27       |
| ADP-ribosylation factor-related protein 1         | ARFRP1        |
| ADP-ribosylation factor GTPase-activating protein 3 | ARFGAP3  |
| Annexin A3                                       | ANXA3         |
| Apolipoprotein L2                                | APOL2         |
| Armadillo repeat-containing protein 6             | ARMC6         |
| ADP-ribosylation factor-like protein 6-interacting protein 4 | ARL6IP4 |
| Protein ANKUB1                                   | ANKUB1        |
| Argininosuccinate lyase                           | ASL           |
| Angiopoetin-related protein 5                    | ANGPTL5       |
| ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase 2 | BST1          |
| Biotinidase                                      | BTD           |
| Putative butyrophilin subfamily 2 member A3       | BTN2A3P       |
| Brain-specific homeobox protein homolog           | BSX           |
| Butyrophilin-like protein 8                       | BTNBL8        |
| Accession  | Description                                           | Full Name                  |
|------------|-------------------------------------------------------|----------------------------|
| Q12830     | Nucleosome-remodeling factor subunit BPTF             | BPTF                       |
| Q98QP9     | BPI fold-containing family A member 3                | BPIFA3                     |
| P35070     | Probeta cellulin                                      | BTC                        |
| Q9H165     | B-cell lymphoma/leukemia 11A                          | BCL11A                     |
| Q9U8V7     | Beta-1,4-galactosyltransferase 7                      | B4GALT7                    |
| Q92560     | Ubiquitin carboxyl-terminal hydrolase BAP1            | BAP1                       |
| Q6ZUV0     | Putative cytosolic acyl coenzyme A thioester hydrolase-like | ACOT7L                    |
| Q9H503     | Barrier-to-autointegration factor-like protein        | BANF2                      |
| Q6P77      | Protein BHLHb9                                        | BHLHB9                     |
| Q86V35     | Calcium-binding protein 7                             | C4BP7                      |
| P20851     | C4b-binding protein beta chain                        | C4BPB                      |
| P52907     | F-actin-capping protein subunit alpha-1               | CAPZA1                     |
| Q9BXY5     | Calcyphosin-2                                         | CAPS2                      |
| Q3KRA6     | UPF0538 protein C2orf76                               | C2orf76                    |
| Q69011     | Cathepsin L2                                          | CTSV                       |
| Q9H159     | Cadherin-19                                           | CDH19                      |
| P55283     | Cadherin-4                                            | CDH4                       |
| Q96MC4     | CEP295 N-terminal-like protein                        | CEP295NL                   |
| Q8TDN4     | CDK5 and ABL1 enzyme substrate 1                      | CABLES1                    |
| Q96MF4     | Coiled-coil domain-containing protein 140            | CCDC140                    |
| Q13948     | Protein CASP                                          | CUX1                       |
| Q8iYX3     | Coiled-coil domain-containing protein 116             | CCDC116                    |
| Q15834     | Coiled-coil domain-containing protein 85B             | CCDC85B                    |
| A0A1B0GU   | Putative coiled-coil domain-containing protein 195    | CCDC195                    |
| A6         | Collagen and calcium-binding EGF domain-containing protein 1 | CCBE1                     |
| Q1T7F1     | Putative chemokine-related protein B42                |                            |
| Q86U18     | Centrosomal AT-AC splicing                            | CENATAC                    |
| P55774     | C-C motif chemokine 18                                | CCL18                      |
| Q9BUX1     | Glutathione-specific gamma-glutamylcyclotransferase1  | CHAC1                      |
| Q96BS2     | Calcineurn B homologous protein 3                     | TESC                       |
| Q7LFX5     | Carbohydrate sulfotransferase 15                      | CHST15                     |
| Q14627     | Homeobox protein CDX-4                                | CDX4                       |
| Q8NC40     | Carbohydrate sulfotransferase 14                      | CHST14                     |
| Q8N6W0     | CUGBP Elav-like family member 5                       | CELF5                      |
| Q8N4C0     | Putative uncharacterized protein C9orf62             | C9orf62                    |
| Q9H6J7     | UPF0705 protein C11orf49                              | C11orf49                   |
| Q9Y471     | Inactive cytidine monophosphate-N-acetylneuraminic acid hydroxylase | CMAHP                     |
| Q86X12     | Condensin-2 complex subunit G2                         | NCAPG2                     |
| Q9NZ4A1    | Chloride intracellular channel protein 5              | CLIC5                      |
| P30622     | CAP-Gly domain-containing linker protein 1            | CLIP1                      |
| Q6WN34     | Chordin-like protein 2                                | CHRDL2                     |
| P56282     | DNA polymerase epsilon subunit                         | POLE2                      |
| P09884     | DNA polymerase alpha catalytic subunit                 | POLA1                      |
| Q96FJ2     | Dynein light chain 2, cytoplasmic                     | DYNLL2                     |
| Q6P4E1     | Protein GOLM2                                         | GOLM2                      |
| Q8TDU6     | G-protein coupled bile acid receptor 1                | GPBAR1                     |
| Accession | Description                                                                 | Accession | Description                                                                 |
|-----------|-----------------------------------------------------------------------------|-----------|-----------------------------------------------------------------------------|
| P79483    | HLA class II histocompatibility antigen, DR beta 3 chain                     | Q9Y6X5    | Bis                                                                         |
| Q9H9B1    | Histone-lysine N-methyltransferase EHMT1                                     | Q95B64    | Acyl-CoA 6-desaturase                                                       |
| P16930    | Fumarylacetoacetase                                                         | Q8N7N1    | Putative protein N-methyltransferase FAM86B1                                 |
| A8MX19    | Putative protein FAM90A12P                                                    | Q7Z2K6    | Endoplasmic reticulum metallopeptidase 1                                    |
| A6NEW6    | Putative protein FAM90A16P/FAM90A17P                                         | O76062    | Delta                                                                       |
| Q8NFF5    | FAD synthase                                                                | Q8TC99    | Fibronectin type III domain-containing protein 8                            |
| Q15485    | Ficolin-2                                                                   | O06787    | Synaptic functional regulator                                              |
| Q96LA5    | Fc receptor-like protein 2                                                  | Q5VW36    | Focadhesin                                                                  |
| Q6P3S6    | F-box only protein 42                                                        | Q8TAL6    | Fin bud initiation factor homolog                                           |
| Q9Y4F1    | FERM, ARHGEF and pleckstrin domain-containing protein 1                     | Q6V0I7    | Protocadherin Fat 4                                                         |
| A6NFH5    | Fatty acid-binding protein 12                                                | Q8IVP5    | FUN14 domain-containing protein 1                                           |
| Q02792    | Ferritin light chain                                                         | Q9P0K9    | DOMON domain-containing protein FRRS1L                                      |
| O00451    | GDNF family receptor alpha-2                                                 | P55107    | Growth/differentiation factor 10                                            |
| P56159    | GDNF family receptor alpha-1                                                 | Q8N5D6    | Globoside alpha-1,3-N-acetylgalactosaminyltransferase 1                     |
| Q9HC7     | Non-lysosomal glucosylceramidase                                             | Q96P48    | Art-GAP with Rho-GAP domain, ANK repeat and PH domain-containing protein 1 |
| P15514    | Amphilregulin                                                               | Q99873    | Protein arginine N-methyltransferase 1                                      |
| Q9HCJ1    | Progressive ankylosis protein homolog                                        | Q7L4S7    | Protein ARMCX6                                                              |
| Q08708    | CMRF35-like molecule 6                                                       | Q13733    | Sodium/potassium-transporting ATPase subunit alpha-4                        |
| Q3KR37    | Protein Aster-B                                                             | Q9NQ11    | Polyamine-transporting ATPase 13A2                                          |
| P51689    | Arylsulfatase D                                                             | P20020    | Plasma membrane calcium-transporting ATPase 1                               |
| P98194    | Calcium-transporting ATPase type 2C member 1                                 | Q86TL0    | Cysteine protease AG4D                                                       |
| P49407    | Beta-arrestin-1                                                              | P59998    | Actin-related protein 2/3 complex subunit 4                                 |
| Q96QE3    | ATPase family AAA domain-containing protein 5                               | P46100    | Transcriptional regulator ATRX                                              |
| Accession Number | Description                                                                 | Ensembl ID |
|------------------|------------------------------------------------------------------------------|------------|
| P59510           | A disintegrin and metalloproteinase with thrombospondin motifs 20           | ADAMTS20   |
| Q9H6S1           | S-azacytidine-induced protein 2                                             | AZI2       |
| P20648           | Potassium-transporting ATPase alpha chain 1                                 | ATP4A      |
| P56378           | ATP synthase subunit ATP5MPL, mitochondrial                                  | ATP5MPL    |
| Q6UY14           | ADAMTS-like protein 4                                                        | ADAMTSL4   |
| P78410           | Butyrophilin subfamily 3 member A2                                           | BTN3A2     |
| Q9UBX8           | Beta-1,4-galactosyltransferase 6                                             | B4GALT6    |
| P80723           | Brain acid soluble protein 1                                                | BASP1      |
| Q7L3V2           | Protein Bop                                                                  | RTL10      |
| Q9H4E9           | Bromodomain-containing protein 8                                             | BRD8       |
| P82251           | b                                                                            | SLC7A9     |
| Q7RTS1           | Class A basic helix-loop-helix protein 15                                    | BHLHA15    |
| Q9H2M3           | S-methylmethionine--homocysteine S-methyltransferase BHMT2                   | BHMT2      |
| Q9Y6Q1           | Calpain-6                                                                   | CAPN6      |
| Q68DN1           | Uncharacterized protein C2orf16                                             | C2orf16    |
| Q16602           | Calcitonin gene-related peptide type 1 receptor                             | CALCRL     |
| P20160           | Azurocidin                                                                  | AZU1       |
| P12830           | Cadherin-3                                                                  | CDH1       |
| P27402           | Calmodulin-like protein 3                                                   | CALML3     |
| Q9AZT1           | Calmodulin-like protein 5                                                   | CALML5     |
| P49662           | Caspase-4                                                                   | CASP4      |
| P51578           | Caspase-5                                                                   | CASP5      |
| Q0P6D6           | Coiled-coil domain-containing protein 15                                     | CCDC15     |
| Q8WXS4           | Voltage-dependent calcium channel gamma-like subunit                        | TMEM37     |
| Q9UPV0           | Centrosomal protein of 164 kDa                                              | CEP164     |
| Q9NV18           | Uncharacterized protein CCDC198                                              | CCDC198    |
| Q9BRQ4           | Cilia- and flagella-associated protein 300                                   | CFA300     |
| P16152           | Carbonyl reductase                                                           | CBR1       |
| Q9UJX2           | Cell division cycle protein 23 homolog                                      | CDC23      |
| Q99J87           | CUGBP Elav-like family member 6                                              | CELF6      |
| Q92879           | CUGBP Elav-like family member 1                                              | CELF1      |
| Q5JTW2           | Centrosomal protein of 78 kDa                                               | CEP78      |
| Q8N7R7           | Cyclin-Y-like protein 1                                                      | CCNYL1     |
| A0A0K2S4Q6       | Protein CD300H                                                               | CD300H     |
| A4QMS7           | Uncharacterized protein C5orf49                                              | C5orf49    |
| P0C7X3           | Putative cyclin-Y-like protein 3                                             | CCNYL3     |
| Q8IVW4           | Cyclin-dependent kinase-like 3                                              | CDKL3      |
| Q99741           | Cell division control protein 6 homolog                                     | CDC6       |
| Q92674           | Centromere protein 1                                                         | CENP1      |
| Q9HC77           | Centromere protein 1                                                         | CENP1      |
| P14635           | G2/mitotic-specific cyclin-B1                                               | CCNB1      |
| Q62TQ4           | Cadherin-related family member                                               | CDHR3      |
| P29016           | T-cell surface glycoprotein CD1b                                             | CD1B       |
| P07360           | Complement component C8 gamma chain                                         | C8G        |
| O00622           | CCN family member 1                                                          | CCN1       |
| Q9H2U6           | Putative uncharacterized protein encoded by LINC00597                        | LINC00597  |
| Q86TU6           | Putative uncharacterized protein encoded by LINC00523                       | LINC00523  |
| P62633           | Cellular nucleic acid-binding protein                                        | CNBP       |
| Accession | Description |
|-----------|-------------|
| A4QN01    | Putative uncharacterized protein encoded by LINC01553 |
| Q75339    | LINC01553 |
| Q86Y22    | Cartilage intermediate layer protein 1 |
| Q5T2A2    | CILP |
| P35212    | Gap junction alpha-4 protein |
| Q60716    | CTNND1 |
| P19875    | C-X-C motif chemokine 2 |
| Q99895    | CTRC |
| Q6ZMK1    | Cysteine and histidine-rich protein 1 |
| Q8N465    | D2HGDH |
| Q9P013    | CWC15 |
| Q01523    | DEFA5 |
| Q16698    | DECR1 |
| Q99EX3    | DYNC2I2 |
| Q8NFW5    | DMBX1 |
| Q6UWP2    | DHRS11 |
| O00273    | DFFA |
| Q8VY37    | DHX37 |
| Q9BSY9    | DESI2 |
| Q4LDG9    | DNAL1 |
| Q8NDZ4    | DIPK2A |
| Q8NH50    | DNAJB8 |
| Q92608    | DOCK2 |
| Q75410    | DEPC5 |
| Q96LL9    | DNAJC30 |
| Q60479    | DLX3 |
| A7MBM2    | DISP2 |
| Q92611    | EDEM1 |
| Q9CC06    | DNAH6 |
| Q96FN9    | DTD2 |
| Q9UL01    | DSE |
| P54098    | DVL3 |
| Q16829    | DUSP7 |
| Q99Z95    | EIF2AK3 |
| P0DPD6    | ECE2 |
| Q8WW35    | DYNLT2B |
| P68104    | EEF1A1 |
| A6NFQ7    | DPRX |
| P30084    | ECHS1 |
| Q99795    | GPA33 |
| Q8IU8C    | GALNT13 |
| P07203    | GPX1 |
| Q96U6     | GMPPA |
| Q96FL9    | GALNT14 |
| Accession Number | Description                                                                 | Gene Name |
|------------------|-----------------------------------------------------------------------------|-----------|
| Q8N3T1           | Polypeptide N-acetylgalactosaminyltransferase 15                            | GALNT15   |
| Q8N428           | Polypeptide N-acetylgalactosaminyltransferase 16                            | GALNT16   |
| Q6IS24           | Polypeptide N-acetylgalactosaminyltransferase 17                            | GALNT17   |
| P22352           | Glutathione peroxidase 3                                                   | GPX3      |
| P14770           | Platelet glycoprotein IX                                                    | GP9       |
| A6NH11           | Glycolipid transfer protein domain-containing protein 2                     | GLTPD2    |
| Q5T6L9           | Endoplasmic reticulum membrane-associated RNA degradation protein           | ERMAD     |
| Q8IYW4           | ENTH domain-containing protein 1                                            | ENTHD1    |
| Q09472           | Histone acetyltransferase p300                                              | EP300     |
| Q6PC88           | Embigin                                                                     | EMB       |
| Q9NVP9           | Ethanolamine kinase 2                                                       | ETK2      |
| Q4LEZ3           | Alanine and arginine-rich domain-containing protein                         | AARD      |
| P46098           | 5-hydroxytryptamine receptor 3A                                             | HTR3A     |
| P05408           | Neuroendocrine protein 7B2                                                  | SCG5      |
| Q96Q6U           | 1-aminoacyclopropane-1-carboxylate synthase-like protein 1                  | ACCS      |
| Q96GS6           | Alpha/beta hydrolase domain-containing protein 17A                          | ABHD17A   |
| Q8N520           | Kynurenine/alpha-aminoadipate aminotransferase, mitochondrial              | AADAT     |
| Q8IUX4           | DNA dC->dTU-editing enzyme                                                  | ABOEC3F   |
| O95477           | Phospholipid-transporting ATPase ABCA1                                      | ABCA1     |
| Q03154           | Aminoacylase-1                                                              | ACY1      |
| Q8IZF5           | Adhesion G-protein coupled receptor F3                                      | ADGRF3    |
| Q86Y34           | Adhesion G protein-coupled receptor G3                                      | ADGRG3    |
| P05141           | ADP/ATP translocase 2                                                       | SLC25A5   |
| Q99653           | Adhesion G-protein coupled receptor G1                                      | ADGRG1    |
| Q92624           | Amyloid protein-binding protein 2                                            | APPBP2    |
| Q3UIE5           | Manganese-dependent ADP-ribose/CDP-alcohol diphosphatase                    | ADPRM     |
| Q8TF21           | Ankyrin repeat domain-containing protein 24                                 | ANKRD24   |
| Q9BWW8           | Apolipoprotein L6                                                           | APOL6     |
| Q8N4G2           | ADP-ribosylation factor-like protein 14                                      | ARL14     |
| P07306           | Asialoglycoprotein receptor 1                                               | ASGR1     |
| Q96DR5           | BPI fold-containing family A member 2                                       | BPIFA2    |
| Q56BX8           | Caveolae-associated protein 4                                               | CAVIN4    |
| P43166           | Carbonic anhydrase 7                                                        | CA7       |
| O95180           | Voltage-dependent T-type calcium channel subunit alpha-1H                  | CACNA1H    |
| P41182           | B-cell lymphoma 6 protein                                                   | BCL6      |
| P55290           | Cadherin-13                                                                 | CDH13     |
| P29400           | Collagen alpha-5                                                            | COL4A5    |
| Q14CN2           | Calcium-activated chloride channel regulator 4                              | CLCA4     |
| P20908           | Collagen alpha-1                                                            | COL5A1    |
| P23786           | Carnitine O-palmitoyltransferase 2, mitochondrial                           | CPT2      |
| Q6NEA5           | Uncharacterized protein C19orf18                                            | C19orf18  |
| Q6PB30           | Putative chondrosarcoma-associated gene 1 protein                           | CSAG1     |
| Accession | Description                                                                 |
|-----------|------------------------------------------------------------------------------|
| Q6UU7     | CREB-regulated transcription coactivator 3                                   |
| Q94886    | CSC1-like protein 1                                                           |
| Q5HYN5    | Cancer/testis antigen family 45 member A1                                    |
| A0A1B0GV90 | Cortxin domain containing 2                                                 |
| P58153    | Putative uncharacterized protein encoded by LINC00158                       |
| P0CG41    | cTAGE family member 8                                                       |
| P49682    | C-X-C chemokine receptor type 3                                             |
| Q6ZR7     | Cation channel sperm-associated protein subunit gamma                         |
| Q8WZ74    | Cortactin-binding protein 2                                                  |
| Q01524    | Defensin-6                                                                  |
| Q9UJ9V    | Probable ATP-dependent RNA helicase DDX41                                   |
| P43146    | Netrin receptor DCC                                                          |
| Q9NV06    | DDB1- and CUL4-associated factor 13                                          |
| Q5H9S7    | DDB1- and CUL4-associated factor 17                                          |
| P09417    | Dihydropteridine reductase                                                   |
| Q9NF5     | DNA methyltransferase 1-associated protein 1                                 |
| A0A087W7X78 | Putative elongin-A3 member C                                           |
| O00472    | RNA polymerase II elongation factor ELL2                                     |
| Q9Y6C2    | Probable RNA-binding protein EIF1AD                                           |
| Q8N9N8    | Probable RNA-binding protein EIF1AD                                           |
| B6SEH9    | Endogenous retrovirus group V member 2 Env polyprotein                       |
| Q96HE7    | ERO1-like protein alpha                                                      |
| H0Y354    | Protein FAM72C                                                               |
| Q5VT40    | Protein FAM78B                                                               |
| Q9H790    | Exonuclease V                                                               |
| Q5VT28    | Protein FAM27A/B/C                                                           |
| P12104    | Fatty acid-binding protein, intestinal                                       |
| A8MVW0    | Protein FAM171A2                                                             |
| Q880Y4    | Protein FAM181A                                                              |
| A6NEO2    | Protein FAM181B                                                              |
| Q62VS1    | Protein FAM183BP                                                             |
| Q5TIJ8    | Protein FAM182A                                                              |
| Q9UJLE4   | Protein FAM184B                                                              |
| Q8XDO5    | Protein FAM131B                                                              |
| Q9Y3B2    | Exosome complex component CSL4                                               |
| P0CG42    | Putative protein FAM157B                                                     |
| Q96C01    | Protein FAM136A                                                              |
| Q92567    | Protein FAM168A                                                              |
| Q6Y69     | Protein FAM205A                                                              |
| P0CTA2    | Protein FAM153B                                                              |
| Q8W8L5    | Protein FAM222B                                                              |
| B9AD14    | Protein FAM243A                                                              |
| A0A494CDN9 | Protein FAM246B                                                             |
| Q8NEV8    | Exophilin-5                                                                 |
| Q96PY5    | Formin-like protein 2                                                        |
| Q98R6     | Fer3-like protein                                                            |
| Q9HCM7    | Fibrosin-1-like protein                                                       |
| Q750T2    | Fukutin                                                                      |
| Q727B0    | Filamin-A-interacting protein 1                                              |
| A6MYX2    | Protein FAM25E                                                               |
| Q9UJIP3   | Feline leukemia virus subgroup C receptor-related protein 2                  |
| Q64PF2    | Ferredoxin-2, mitochondrial                                                  |
| A6NMB9    | Fidgetin-like protein 2                                                       |
| Accession | Name                                                                 | Description                                                                 |
|-----------|----------------------------------------------------------------------|----------------------------------------------------------------------------|
| Q9NP95    | Fibroblast growth factor 20                                          | FGF20                                                                      |
| P23142    | Fibulin-1                                                            | FBLN1                                                                      |
| Q13480    | GRB2-associated-binding protein 1                                     | GAB1                                                                       |
| Q06547    | GA-binding protein subunit beta-1                                     | GABPB1                                                                    |
| Q9UN86    | Ras GTPase-activating protein-binding protein 2                       | G3BP2                                                                     |
| Q92837    | Proto-oncogene FRAT1                                                 | FRAT1                                                                      |
| Q68C21    | Protein fantom                                                       | RPGRIP1L                                                                   |
| Q9NU39    | Forkhead box protein D4-like 1                                        | FOXD4L1                                                                   |
| Q96CP2    | FLYWCH family member 2                                               | FLYWCH2                                                                   |
| Q9UP8     | Frizzled-1                                                           | FZD1                                                                       |
| P23945    | Follicle-stimulating hormone receptor                                 | FSHR                                                                       |
| O60478    | Integral membrane protein GPR137B                                     | GPR137B                                                                    |
| Q8NB37    | Glutamine amidotransferase-like class 1 domain-containing protein 1   | GATD1                                                                     |
| Q92949    | Forkhead box protein J1                                               | FOXJ1                                                                      |
| P01350    | Gastrin                                                              | GAST                                                                       |
| Q14353    | Guanidinoacetate N-methyltransferase                                  | GAMT                                                                       |
| Q68CZ1    | Protein fantom                                                       | RPGRIP1L                                                                   |
| Q92949    | Forkhead box protein 1                                                | FOXJ1                                                                      |
| Q9UK05    | Growth/differentiation factor 2                                       | GDF2                                                                       |
| Q86XX4    | Extracellular matrix organizing protein FRAS1                         | FRAS1                                                                     |
| Q99758    | ATP-binding cassette sub-family A member 3                            | ABCA3                                                                     |
| Q8N139    | ATP-binding cassette sub-family A member 6                            | ABCA6                                                                     |
| Q9H172    | ATP-binding cassette sub-family G member 4                            | ABCG4                                                                     |
| Q3KP44    | Ankyrin repeat domain-containing protein 55                           | ANKRD55                                                                    |
| P61968    | AP-1 complex subunit sigma-1A                                         | AP1S1                                                                     |
| P30411    | B2 bradykinin receptor                                                | BKDRB2                                                                    |
| P35226    | Polycomb complex protein BMI-1                                        | BMI1                                                                      |
| Q96B45    | BLOC-1-related complex subunit 7                                      | BORCS7                                                                    |
| Q12982    | BCL2/adenovirus E1B 19 kDa protein-interacting protein 2              | BNIP2                                                                     |
| Q8WXS3    | Brain and acute leukemia cytoplasmic protein                          | BAALC                                                                     |
| Q9Y6D6    | Brefeldin A-inhibited guanine nucleotide-exchange protein 1           | ARFGEF1                                                                   |
| O60756    | Putative protein BCE-1                                                | BCE1                                                                      |
| O14867    | Transcription regulator protein BACH1                                 | BACH1                                                                     |
| P35218    | Carbonic anhydrase 5A, mitochondrial                                  | CA5A                                                                      |
| O60840    | Voltage-dependent L-type calcium channel subunit alpha-1F             | CACNA1F                                                                    |
| P55286    | Cadherin-6                                                            | CDH8                                                                       |
| Q0Y5N8    | Cadherin-10                                                           | CDH10                                                                      |
| Q9UBX1    | Cathepsin F                                                           | CTSD                                                                       |
| Q5VVM6    | Coiled-coil domain-containing protein 30                              | CCDC30                                                                     |
| Q96MW1    | Coiled-coil domain-containing protein 43                              | CCDC43                                                                     |
| P56539    | Caveolin-3                                                            | CAV3                                                                       |
| Q5TOF9    | Coiled-coil and C2 domain-containing protein 1B                       | CC2D1B                                                                     |
| Q4AC94    | C2 domain-containing protein 3                                        | C2CD3                                                                      |
| Q16581    | C3a anaphylatoxin chemotactic receptor                                | C3AR1                                                                     |
| Q8WF9     | Coiled-coil domain-containing protein 83                              | CCDC83                                                                     |
| Accession | Description | Accession | Description |
|-----------|-------------|-----------|-------------|
| Q8TD86    | Calmodulin-like protein 6 | CALML6    |            |
| Q8WUD4    | Coiled-coil domain-containing protein 12 | CCDC12    |            |
| Q96MT4    | Uncharacterized protein encoded by LINC01600 | LINC01600 |            |
| P10147    | C-C motif chemokine 3 | CCL3      |            |
| A6NI87    | Protein chibby homolog 3 | CBY3      |            |
| Q99626    | Homeobox protein CDX-2 | CDX2      |            |
| A4D0Y5    | Uncharacterized protein C7orf77 | C7orf77  |            |
| Q15078    | Cyclin-dependent kinase 5 activator 1 | CDK5R1    |            |
| Q6ZMN8    | Cyclin-I2 | CCNI2     |            |
| Q8WWL7    | G2/mitotic-specific cyclin-B3 | CCNB3     |            |
| Q9H305    | Cell death-inducing p53-target protein 1 | CDIP1     |            |
| Q8iY42    | Uncharacterized protein C4orf19 | C4orf19   |            |
| Q5EBM0    | UMP-CMP kinase 2, mitochondrial | CMPK2     |            |
| Q8XPS5    | Uncharacterized protein C11orf53 | C11orf53  |            |
| Q1400B    | Cytoskeleton-associated protein 5 | CXAP5     |            |
| Q9HBJ8    | Collectrin | CLTRN     |            |
| Q9NSE2    | Cytokine-inducible SH2-containing protein | CISH      |            |
| Q8IZC6    | Collagen alpha-1 | COL27A1   |            |
| Q8WXD9    | Caskin-1 | CASKIN1   |            |
| Q8WXF5    | Gamma-crystallin N | CRYGN     |            |
| Q96J86    | Cysteine and tyrosine-rich protein 1 | CYYR1     |            |
| P36383    | Gap junction gamma-1 protein | GJC1      |            |
| Q5SY80    | Cation channel sperm-associated protein subunit epsilon | CATSPERE |            |
| Q96FO7    | Cytoplasmic FMR1-interacting protein 2 | CYFIP2    |            |
| Q2M2W7    | UPF0450 protein C17orf58 | C17orf58  |            |
| Q5M775    | Cytospin-B | SPECTC1   |            |
| P0C864    | Putative uncharacterized protein | DANCR     |            |
| Q9H773    | dCTP pyrophosphatase 1 | DCTPP1    |            |
| Q9NQI0    | Probable ATP-dependent RNA helicase DDX4 | DDX4     |            |
| Q95786    | Antiviral innate immune response receptor RIG-1 | DDX58    |            |
| Q96Y01    | E3 ubiquitin–protein ligase DTX1 | DTX1      |            |
| Q9BQ67    | ER degradation-enhancing alpha-mannosidase-like protein 3 | EDEM3     |            |
| P61565    | Endogenous retrovirus group K member 21 Env polyprotein | ERVK-21   |            |
| P29323    | Ephrin type-B receptor 2 | EPHB2     |            |
| Q9BUP0    | EF-hand domain-containing protein D1 | EFHD1     |            |
| Q2NNX8    | DNA excision repair protein ERCC-6-like | ERCC6L    |            |
| Q8N693    | Homeobox protein ESX1 | ESX1      |            |
| P12259    | Coagulation factor V | F5         |            |
| Q86X60    | Protein FAM72B | FAM72B    |            |
| Q7L8L6    | FAST kinase domain-containing protein 5, mitochondrial | FASTKD5   |            |
| Q96G7     | Protein FAM89A | FAM89A    |            |
| P05413    | Fatty acid-binding protein, heart | FABP3     |            |
| Q98JS8    | Extended synaptotagmin-1 | ESYT1     |            |
| Q5UBV5    | Protein FAM171A1 | FAM171A1  |            |
| Q96A65    | Exocyst complex component 4 | EXOC4     |            |
| Q9BVV8    | Protein FAM174C | FAM174C   |            |
| Q9NQT4    | Exosome complex component RRP46 | EXOSC5    |            |
| Q99714    | 3-hydroxyacyl-CoA dehydrogenase type-2 | HSD17B10  |            |
| Q9NRA8    | Protein FAM169B | FAM169B   |            |
| Q8IW50    | Protein FAM219A | FAM219A   |            |
| Q95925    | Eppin | EPPIN      |            |
| Q96D05    | Protein FAM241B | FAM241B   |            |
| Accession | Description | Function |
|----------|-------------|---------|
| A0A1B0GTK5 | Protein FAM236D | FAM236D |
| Q8TF40 | Folliculin-interacting protein 1 | FNIP1 |
| Q8TBE3 | Fibronectin type III domain-containing protein 9 | FNDC9 |
| P30273 | High affinity immunoglobulin epsilon receptor subunit gamma | FCER1G |
| O43155 | Leucine-rich repeat transmembrane protein FLRT2 | FLRT2 |
| Q14254 | Hottilin-2 | FLOT2 |
| Q8IXS0 | Protein FAM217A | FAM217A |
| P57775 | F-box/WD repeat-containing protein 4 | FBXW4 |
| Q62V73 | FYVE, RhoGEF and PH domain-containing protein 6 | FGD6 |
| Q9Y3D6 | Mitochondrial fission 1 protein | FIS1 |
| Q8TED4 | Glucose-6-phosphate exchanger SLC37A2 | SLC37A2 |
| O95967 | EGF-containing fibulin-like extracellular matrix protein 2 | EFEMP2 |
| Q8NHY3 | GAS2-like protein 2 | GAS2L2 |
| Q62UT3 | FERM domain-containing protein 7 | FRMD7 |
| P19883 | Follistatin | FST |
| Q75939 | Forkhead box protein H1 | FOXH1 |
| Q9BWX5 | Transcription factor GATA-5 | GATA5 |
| Q14CM0 | FERM and PDZ domain-containing protein 4 | FRMD4 |
| Q8WU20 | Fibroblast growth factor receptor substrate 2 | FRS2 |
| Q60755 | Galanin receptor type 3 | GALR3 |
| Q14772 | Fucose-1-phosphate guanylyltransferase | FPGL |
| Q9UK77 | F-box/LRR-repeat protein 3 | FBXL3 |
| Q86UU5 | Gametogenetin | GGN |
| P21462 | fMet-Leu-Phe receptor | FPR1 |
| P41250 | Glycine--tRNA ligase | GARS1 |
| P0DRJ0 | GTPase IMAP family member GIMD1 | GIMD1 |
| P52306 | Rap1 GTPase-GDP dissociation stimulator 1 | RAP1GDS1 |
| Q9NR23 | Growth/differentiation factor 3 | GDF3 |
| Q99888 | Growth/differentiation factor 15 | GDF15 |
| P50150 | Guanine nucleotide-binding protein G | GNG4 |
| P50440 | Glycine amidinotransferase, mitochondrial | GATM |
| P10144 | Granzyme B | GZMB |
| P18505 | Gamma-aminobutyric acid receptor subunit beta-1 | GABRB1 |
| Q9WWP7 | GTPase IMAP family member 1 | GIMAP1 |
| Q14410 | Glycerol kinase 2 | GK2 |
| Q14789 | Golgin subfamily B member 1 | GOLGB1 |
| FBWB16 | Golgin subfamily A member 8N | GOLGA8N |
| Q72602 | Probable G-protein coupled receptor 141 | GPR141 |
| Q19086 | Guanine nucleotide-binding protein G | GNAZ |
| Q9H4A5 | Golgi phosphoprotein 3-like | GOLPH3L |
| P55087 | Aquaporin-4 | AQP4 |
| Q9ULT0 | ATPase family AAA domain-containing protein 2B | ATAD2B |
| Q8NHHP1 | Aflatoxin B1 aldehyde reductase member 4 | AKR7L |
| Q9P2S6 | Ankyrin repeat and MYND domain-containing protein 1 | ANKMY1 |
| P26436 | Acrosomal protein SP-10 | ACRV1 |
| Q9NR71 | Neutral ceramidase | ASAH2 |
| Q75129 | Astrotactin-2 | ASTN2 |
| Gene ID  | Protein Name                                                                 | Description                                           |
|---------|------------------------------------------------------------------------------|-------------------------------------------------------|
| Q96FT7  | Acid-sensing ion channel 4                                                   | ASIC4                                                 |
| Q86Y29  | B melanoma antigen 3                                                         | BAGE3                                                 |
| P57796  | Calcium-binding protein 4                                                    | CABP4                                                 |
| A0A1B0GV3 | Uncharacterized protein C2orf92                                             | C2orf92                                               |
| Q0P641  | Uncharacterized protein C2orf80                                              | C2orf80                                               |
| Q5VSV0  | Putative uncharacterized protein C1orf140                                    | C1orf140                                              |
| Q6ZSB3  | Putative uncharacterized protein encoded by LINC00299                        | LINC00299                                             |
| P55287  | Cadherin-11                                                                  | CDH11                                                 |
| P0C862  | Complement C1q and tumor necrosis factor-related protein 9A                  | C1QTNF9                                               |
| Q8N126  | Cell adhesion molecule 3                                                     | CADM3                                                 |
| Q96EU7  | CIGALT1-specific chaperone 1                                                 | CIGALT1C                                              |
| Q8IUS3  | Protein CASC2, isoforms 1/2                                                  | CASC2                                                 |
| Q3SXK2  | Uncharacterized protein C3orf36                                               | C3orf36                                                |
| P49069  | Calcium signal-modulating cyclophilin ligand                                 | CAMLG                                                 |
| Q96GE6  | Calmodulin-like protein 4                                                    | CALML4                                                 |
| Q8N187  | Calcium-responsive transcription factor                                       | CARF                                                  |
| Q86Z20  | Coiled-coil domain-containing protein 125                                    | CCDC125                                               |
| Q58JE1  | Coiled-coil domain-containing protein 178                                    | CCDC178                                               |
| Q96M89  | Coiled-coil domain-containing protein 138                                    | CCDC138                                               |
| A6NWJ9  | T-cell surface glycoprotein CD8 beta-2 chain                                  | CD8B2                                                 |
| Q75828  | Carbonyl reductase                                                           | CBR3                                                  |
| Q8WUD6  | Cholinephosphotransferase 1                                                  | CHPT1                                                 |
| P51864  | C-C chemokine receptor type 6                                                | CCR6                                                  |
| A6NDU8  | UPF0600 protein C5orf51                                                      | C5orf51                                               |
| Q9NPf2  | Carbohydrate sulfotransferase 11                                             | CHST11                                                |
| Q9X2X0  | Chordin                                                                      | CHRD                                                  |
| Q9NYQ7  | Cadherin EGF LAG seven-pass G-type receptor 3                                | CLESR3                                                |
| O14647  | Chromodomain-helicase-DNA-binding protein 2                                  | CHD2                                                  |
| Q5T6M2  | Putative uncharacterized protein encoded by LINC00242                        | LINC00242                                             |
| Q9H8M5  | Metal transporter CNNM2                                                     | CNNM2                                                 |
| Q3C1V1  | Uncharacterized protein C1orf91                                              | C1orf91                                               |
| P28329  | Choline O-acetyltransferase                                                   | CHAT                                                  |
| Q6NUJ2  | Uncharacterized protein C1orf87                                              | C1orf87                                               |
| Q8IZV2  | CKLF-like MARVEL transmembrane domain-containing protein 8                   | CMTM8                                                 |
| Q99788  | Chemokine-like receptor 1                                                    | CMKLR1                                                |
| Q5T681  | Uncharacterized protein C1orf62                                              | C1orf62                                               |
| O15247  | Chloride intracellular channel protein 2                                     | CLIC2                                                 |
| O00299  | Chloride intracellular channel protein 1                                     | CLIC1                                                 |
| Q96CD2  | Phosphopantothenoylsteine decarboxylase                                     | PPCDC                                                 |
| Q9N2Z6  | Ubiquinone biosynthesis O-methyltransferase, mitochondrial                   | COQ3                                                  |
| P21964  | Catechol O-methyltransferase                                                  | COMT                                                  |
| O75208  | Ubiquinone biosynthesis protein COQ9, mitochondrial                          | COQ9                                                  |
| Q02318  | Sterol 26-hydroxylase, mitochondrial                                         | CYP27A1                                               |
| Q88WW18 | Uncharacterized protein C1orf50                                              | C1orf50                                               |
| Q8N2A0  | Putative uncharacterized protein encoded by LINC00269                        | LINC00269                                             |
| P42830  | C-X-C motif chemokine 5                                                      | CXCL5                                                 |
| Q9NYP8  | Uncharacterized protein C21orf62                                             | C21orf62                                              |
| PDB  | Primary Name                                      | Description                                      |
|------|--------------------------------------------------|--------------------------------------------------|
| O43310 | CBP80/20-dependent translation initiation factor | CTIF                                             |
| O9POU4 | CXXC-type zinc finger protein 1                  | CXXC1                                            |
| Q8IVW5 | Choline transporter-like protein 2               | SLC44A2                                          |
| Q8NIT1 | Beta-defensin 108B                                | DEFB108B                                         |
| Q8WTO1 | Beta-defensin 104                                 | DEFB104A                                         |
| O61059 | Cytohesin-interacting protein                    | CYTIP                                            |
| Q88W6R6 | Uncharacterized protein C17orf64                | C17orf64                                         |
| Q5TC4H | Cytochrome P450 4A22                             | CYP4A22                                          |
| Q9Y442 | Uncharacterized protein C22orf24                | C22orf24                                         |
| Q8W3T3 | Cullin-9                                         | CUL9                                             |
| Q00796 | Sorbitol dehydrogenase                           | SORD                                             |
| O43598 | 2’-deoxynucleoside 5’-phosphate N-hydrolase 1    | DNPH1                                            |
| O00115 | Deoxyribonuclease-2-alpha                         | DNASE2                                           |
| Q967T5 | Down syndrome critical region protein 8          | DSCR8                                            |
| P56179 | Homeobox protein DLX-6                           | DLX6                                              |
| Q8TD86 | E3 ubiquitin-protein ligase DTX3L                | DTX3L                                            |
| Q61PR4 | tRNA-dihydrouridine                               | DUS1L                                            |
| Q9UFH2 | Dynein heavy chain 17, axonemal                 | DNAH17                                           |
| Q9UBX2 | Double homeobox protein 4                        | DUX4                                             |
| P0DN84 | Sarcoplasmic/endoplasmic reticulum calcium ATPase regulator DWORF | STRIT1 |
| Q9NX74 | tRNA-dihydrouridine                               | DUS2                                             |
| Q9UG5P | DNA polymerase lambda                             | POLL                                             |
| Q14209 | Transcription factor E2F2                       | E2F2                                             |
| Q78923 | Dyferlin                                        | DYSF                                             |
| Q56P03 | E2F-associated phosphoprotein                    | EAPP                                             |
| Q95472 | Endothelin-converting enzyme-like 1              | ECEL1                                            |
| Q9NPB8 | Glycophosphocholine phosphodiesterase GPCD1      | GPCDP1                                           |
| Q8NEU8 | DCC-interacting protein 13-beta                  | APPL2                                            |
| Q9Y227 | Ectonucleoside triphosphate diphosphohydrolase 4 | ENTPD4                                           |
| Q15006 | ER membrane protein complex subunit 2            | EMC2                                             |
| Q8IZ81 | ELMO domain-containing protein 2                 | ELMOD2                                           |
| O95945 | Formimidoyltransferase-cyclodeaminase             | FTCD                                             |
| P11100 | Proto-oncogene c-Fos                              | FOS                                              |
| Q9POK8 | Forkhead box protein J2                          | FOXJ2                                            |
| Q8VH2  | Forkhead box protein P4                          | FOXP4                                            |
| Q9UM11 | Fizzy-related protein homolog                    | FZR1                                             |
| O43603 | Galanin receptor type 2                          | GALR2                                            |
| P51570 | Galactokinase                                    | GALK1                                            |
| Q9NY28 | Probable polypeptide N-acetylgalactosaminyltransferase 8 | GALNT8 |
| P02728 | Erythrocyte membrane glycopeptide               | GOLGA6L4                                         |
| A6NEF3 | Golgin subfamily A member 6-like protein 4       | GOLGA6L4                                         |
| P48060 | Glioma pathogenesis-related protein 1            | GLIPR1                                           |
| Q00144 | Frizzled-9                                       | FZD9                                             |
| O15228 | Dihydroxyacetone phosphate acyltransferase       | GNPAT                                            |
| Q8N1C3 | Gamma-aminobutyric acid receptor subunit gamma-1 | GABRG1                                           |
| Q92805 | Golgin subfamily A member 1                      | GOLGA1                                           |
| P25092 | Heat-stable enterotoxin receptor                  | GUCY2C                                           |
| Q98Q67 | Glutamate-rich WD repeat-containing protein 1     | GRWD1                                            |
| P09211 | Glutathione S-transferase P                      | GSTP1                                            |
| Q8N442 | Translation factor GUF1, mitochondrial            | GUF1                                             |
| P69892 | Hemoglobin subunit gamma-2                       | HBG2                                             |
| Accession | Gene Name                                      | Protein or Domain Name    |
|-----------|-----------------------------------------------|--------------------------|
| O00222    | Metabotropic glutamate receptor 8             | GRM8                     |
| Q8I2A3    | Histone H1.8                                  | H1-8                     |
| Q92522    | Histone H1.10                                 | H1-10                    |
| Q9F9S8    | HIG1 domain family member 1B                 | HIGD1B                   |
| A8MX23    | Keratin-associated protein 9-1                | KRTAP9-1                 |
| P15515    | Histatin-1                                    | HTN1                     |
| P54198    | Protein HIRA                                  | HIRA                     |
| O43364    | Homeobox protein Hox-A2                      | HOXA2                    |
| Q92902    | Hermansky-Pudlak syndrome 1 protein           | HPS1                     |
| Q8TDB4    | Protein MGARP                                 | MGARP                    |
| Q9Y278    | Heparan sulfate glucosamine 3-O-sulfotransferase 2 | HS3ST2                  |
| P25021    | Histamine H2 receptor                         | HRH2                     |
| Q14541    | Hepatocyte nuclear factor 4-gamma             | HNF4G                    |
| P01570    | Interferon alpha-14                           | IFNA14                   |
| Q5T764    | Interferon-induced protein with tetratricopeptide repeats 1B | IFIT1B                  |
| Q96L83    | Intraflagellar transport protein 74 homolog   | IFT74                    |
| P0DOX2    | Immunoglobulin alpha-2 heavy chain            | IL32                     |
| Q9H9L3    | Interferon-stimulated 20 kDa exonuclease-like 2 | ISG20L2                 |
| Q13567    | Ras GTPase-activating-like protein IQGAP2      | IQGAP2                   |
| P35908    | Keratin, type II cytoskeletal 2 epidermal      | KRT2                     |
| Q9H0B3    | IQ domain-containing protein N                | IQN                      |
| P0C1M6    | IQ domain-containing protein F3               | IQCF3                    |
| O60271    | C-Jun-amino-terminal kinase-interacting protein 4 | SPAG9                   |
| Q96AA8    | Janus kinase and microtubule-interacting protein 2 | JAKMIP2                 |
| Q55S4     | Integrator complex subunit 6-like             | INTS6L                   |
| Q62RS4    | Protein ITPRID1                               | ITPRID1                  |
| A4D126    | D-ribitol-5-phosphate cytidylyltransferase     | CRPPA                    |
| O00400    | Acyl-coenzyme A transporter 1                 | SLC33A1                  |
| Q8NC06    | Acyl-CoA-binding domain-containing protein 4   | ACBD4                    |
| Q13085    | Acetyl-CoA carboxylase 1                       | ACACA                    |
| P02708    | Acetylcholine receptor subunit alpha           | CHRNA1                   |
| Q5SW96    | Low density lipoprotein receptor adapter protein 1 | LDLRAP1                 |
| Q9GZV1    | Ankyrin repeat domain-containing protein 2     | ANKRD2                   |
| P56211    | cAMP-regulated phosphoprotein 19               | ARPP19                   |
| Q8TEP8    | Centrosomal protein of 192 kDa                | CEP192                   |
| Q8IWY9    | Codanin-1                                     | CDAN1                    |
| P29017    | T-cell surface glycoprotein CD1c               | CD1C                     |
| Q5T655    | Cilia- and flagella-associated protein 58      | CFA5P8                   |
| Q15756    | CD226 antigen                                 | CD226                    |
| Q9UFW8    | CGG triplet repeat-binding protein 1           | CGGBP1                   |
| O43529    | Carbohydrate sulfotransferase 10              | CHST10                   |
| Q6UTW4    | Uncharacterized protein C5orf46               | C5orf46                  |
| Q96BP2    | Coiled-coil-helix-coiled-coil-helix domain-containing protein 1 | CHCHD1                  |
| Q9H2A9    | Carbohydrate sulfotransferase 8               | CHST8                    |
| P29965    | CD40 ligand                                   | CD40LG                   |
| D8RA3     | Uncharacterized protein C4orf54               | C4orf54                  |
| Accession | Description                                      | Accession | Description                                      |
|-----------|--------------------------------------------------|-----------|--------------------------------------------------|
| Q9UKZ1    | CCR4-NOT transcription complex subunit 11       | CNOT11    |                                                   |
| Q99966    | Cbp/p300-interacting transactivator 1           | CITED1    |                                                   |
| Q8WW14    | Uncharacterized protein C10orf82                | C10orf82  |                                                   |
| Q9UIJ0    | Calcium-binding mitochondrial carrier protein Aralar2 | SLC25A13 |                                                   |
| P10645    | Chromogranin-A                                   | CHGA      |                                                   |
| Q9NSA3    | Beta-catenin-interacting protein 1              | CTNNBIP1  |                                                   |
| Q9UIJ0    | C-type lectin domain family 2 member D          | CITED2D   |                                                   |
| Q8N365    | Circadian-associated transcriptional repressor  | CIART     |                                                   |
| Q9UGN4    | CMRF35-like molecule 8                          | CD300A    |                                                   |
| Q06543    | Cell death activator CIDE-A                     | CIDEA     |                                                   |
| Q96666    | Chloride channel CLIC-like protein 1            | CLCC1     |                                                   |
| Q001094   | Transcription factor E2F1                       | E2F1      |                                                   |
| Q50370    | Dynamin-2                                       | DNM2      |                                                   |
| P51800    | Chloride channel protein CIC-Ka                 | CLCNKA    |                                                   |
| P51801    | Chloride channel protein CIC-Kb                 | CLCNKB    |                                                   |
| Q08157    | C-type lectin-domain family 1                   | CLECL1    |                                                   |
| P58418    | Clarin-1                                        | CLRN1     |                                                   |
| Q00716    | Transcription factor E2F3                       | E2F3      |                                                   |
| Q8N1N2    | Dynactin-associated protein                      | DYNAP     |                                                   |
| Q9BG8     | -2                                              | DPH1      |                                                   |
| Q30154    | HLA class II histocompatibility antigen, DR beta 5 chain | HLA-DRB5 |                                                   |
| Q16254    | Transcription factor E2F4                       | E2F4      |                                                   |
| Q86YN1    | Dolichylphosphatase 1                            | DOLPP1    |                                                   |
| Q96GX8    | Uncharacterized protein C10orf74                | C10orf74  |                                                   |
| Q13011    | Delta                                           | ECH1      |                                                   |
| P42658    | Dipeptidyl aminopeptidase-like protein 6        | DPP6      |                                                   |
| Q6V1X1    | Dipeptidyl peptidase 8                          | DPP8      |                                                   |
| P40939    | Trifunctional enzyme subunit alpha, mitochondrial | HADHA    |                                                   |
| Q86IT2    | Dipeptidyl peptidase 9                          | DPP9      |                                                   |
| Q72735    | Developmental pluripotency-associated protein 2 | DPPA2     |                                                   |
| Q9HC55    | Band 4.1-like protein 4A                         | EPB41L4A  |                                                   |
| Q6WOC5    | Developmental pluripotency-associated protein 3  | DPPA3     |                                                   |
| Q99329    | Band 4.1-like protein 4B                         | EPB41L4B  |                                                   |
| P55084    | Trifunctional enzyme subunit beta, mitochondrial | HADHB     |                                                   |
| Q7L190    | Developmental pluripotency-associated protein 4  | DPPA4     |                                                   |
| A6NC42    | Developmental pluripotency-associated protein 5  | DPPA5     |                                                   |
| Q66K89    | Transcription factor E4F1                       | E4F1      |                                                   |
| Q9NTX5    | Ethylmalonyl-CoA decarboxylase                   | ECHDC1    |                                                   |
| Q8TEK3    | Histone-lysine N-methyltransferase, H3 lysine-79 specific | DOT1L |                                                   |
| O43303    | Centriolar coiled-coil protein of 110 kDa       | CCP110    |                                                   |
| Q494V2    | Cilia- and flagella-associated protein 100      | CFAP100   |                                                   |
| Q75521    | Enoyl-CoA delta isomerase 2                     | EC12      |                                                   |
| Q1H443    | Dual oxidase maturation factor 1                 | DUOX1     |                                                   |
| P0CF75    | Endogenous Bornavirus-like nucleoprotein 1      | EBLN1     |                                                   |
| P24311    | Cytochrome c oxidase subunit 7B, mitochondrial   | COX7B     |                                                   |
| Q9UMD9    | Collagen alpha-1                                | COL17A1   |                                                   |
| P05813    | Beta-crystallin A3                              | CRYBA1    |                                                   |
| Gene ID   | Description                                      | Description                                      |
|-----------|--------------------------------------------------|--------------------------------------------------|
| Q6UW6     | Ectonucleotide pyrophosphatase/phosphodiesterase family member 7 | ENPP7                                           |
| Q9NZV1    | Cysteine-rich motor neuron 1 protein             | CRIM1                                           |
| Q03060    | cAMP-responsive element modulator               | CREM                                            |
| Q9H8M1    | Coenzyme Q-binding protein COQ10 homolog B, mitochondrial | COQ10B                                         |
| Q9YSQ5    | Atrial natriuretic peptide-converting enzyme     | CORIN                                           |
| O15528    | 25-hydroxyvitamin D-1 alpha hydroxylase, mitochondrial | CYP27B1                                        |
| Q002930   | Cyclic AMP-responsive element-binding protein 5  | CREB5                                           |
| Q9ULV4    | Coronin-1C                                       | CORO1C                                          |
| Q9NY93    | Probable ATP-dependent RNA helicase DDX56        | DDX56                                           |
| Q8N568    | Serine/threonine-protein kinase DCLK2            | DCLK2                                           |
| P17707    | S-adenosylmethionine decarboxylase proenzyme     | AMD1                                            |
| Q9BTZ2    | Dehydrogenase/reductase SDR family member 4      | DHRS4                                           |
| Q9P2K9    | Protein dispatched homolog 3                     | DISP3                                           |
| Q16828    | Dual specificity protein phosphatase 6           | DUSP6                                           |
| P49005    | DNA polymerase delta subunit 2                   | POLD2                                           |
| Q35Y89    | Elongin-A3 member B                              | ELOA3BP                                         |
| Q5JY3     | Ephrin type-A receptor 10                        | EPHA10                                          |
| P19419    | ETS domain-containing protein Elk-1              | ETS1                                           |
| Q9PO12    | ER membrane protein complex subunit 3            | EMC3                                            |
| Q9H9T3    | Elongator complex protein 3                      | ELP3                                            |
| O75715    | Epididymal secretory glutathione peroxidase      | GPX5                                            |
| Q96D98    | EP300-interacting inhibitor of differentiation 2B | EID2B                                           |
| P41439    | Folate receptor gamma                             | FOLR3                                           |
| Q8NZG8    | GH3 domain-containing protein                     | GHDC                                            |
| Q7Z4P5    | Growth/differentiation factor 7                   | GDF7                                            |
| Q96M20    | Ganglioside-induced differentiation-associated protein 1-like 1 | GDAP1L1                                      |
| Q98ZD3    | Putative GRINL1B complex locus protein 2          | GCOM2                                           |
| Q9UJJ9    | N-acetyllactosaminide beta-1,6-N-acetylglucosaminyl-transferase subunit gamma | GNPTG                                       |
| Q9NZ38    | Uncharacterized protein ID12-AS1                 | ID12-AS1                                        |
| Q095249   | Golgi SNAP receptor complex member 1             | GOSR1                                           |
| H38QL2    | Golgin subfamily A member 8T                     | GOLGA8T                                         |
| Q95837    | Guanine nucleotide-binding protein subunit alpha-14 | GNA14                                        |
| A7EF4     | Golgin subfamily A member 8A                     | GOLGA8A                                         |
| Q8NV05    | N-acetyllactosaminide beta-1,6-N-acetylglucosaminyl-transferase | GCNT2                                            |
| Q6NV75    | Probable G-protein coupled receptor 153          | GPR153                                          |
| Q96P69    | G-protein coupled receptor 78                     | GPR78                                           |
| O00178    | GTP-binding protein 1                            | GTPBP1                                          |
| Q7LDG7    | RAS guanyl-releasing protein 2                    | RASGRP2                                         |
| Q9POR6    | GSK3B-interacting protein                        | GSKIP                                           |
| Q99B77    | Histone H2B type 1-N                             | H2BC15                                          |
| Q14416    | Metabotropic glutamate receptor 2                | GRM2                                            |
| Q93077    | Histone H2A type 1-C                             | H2AC6                                           |
| Accession  | Gene Name                                      | Description                                      |
|------------|-----------------------------------------------|--------------------------------------------------|
| Q13547     | Histone deacetylase 1                         | HDAC1                                            |
| P13716     | Delta-aminolevulinic acid dehydratase          | ALAD                                             |
| Q9P2D3     | HEAT repeat-containing protein 56              | HEATR5B                                          |
| A0A0B4J1V2 | Immunoglobulin heavy variable 2-26             | IGHV2-26                                         |
| Q96IR7     | 4-hydroxyphenylpyruvate dioxygenase-like protein | HPDL                                             |
| O75506     | Heat shock factor-binding protein 1            | HSBP1                                            |
| P00613     | Heat shock factor protein 1                    | HSFI                                             |
| P78318     | Immunoglobulin-binding protein                 | IGBP1                                            |
| Q75409     | Huntingtin-interacting protein M               | H2AP                                             |
| POCF74     | Immunoglobulin lambda constant 6               | IGLC6                                            |
| A0M8Q6     | Immunoglobulin lambda constant 7               | IGLC7                                            |
| Q8I2A0     | Dyslexia-associated protein KIAA0319-like protein | KIAA0319L                                       |
| Q723Y8     | Keratin, type I cytoskeletal 27                | KRT27                                            |
| Q9NQX7     | Integral membrane protein 2C                   | ITM2C                                            |
| Q98T40     | Inositol polyphosphate 5-phosphatase K         | INPP5K                                           |
| P26006     | Integrin alpha-3                               | ITGA3                                            |
| Q8WYH8     | Inhibitor of growth protein 5                  | INGS                                             |
| Q99661     | Kinesin-like protein KIF2C                     | KIF2C                                            |
| Q95069     | Potassium channel subfamily K member 2         | KCNK2                                            |
| Q86VH2     | Kinesin-like protein KIF27                     | KIF27                                            |
| Q9NYR9     | NF-kappa-B inhibitor-interacting Ras-like protein 2 | NKIRAS2                                         |
| Q4U75      | Putative ankyrin repeat domain-containing protein 20A4 | ANKRD20A4P                                       |
| O00763     | Acetyl-CoA carboxylase 2                       | ACACB                                            |
| Q8TB40     | ABHD4                                         |                                                  |
| Q94805     | Actin-like protein 6B                          | ACTL6B                                           |
| Q6P6C2     | RNA demethylase ALKBH5                        | ALKBH5                                           |
| Q6HBQ1     | Actin-binding LIM protein 2                    | ABLIM2                                           |
| Q517M4     | Adipolin                                       | C1QTNF12                                         |
| Q861B3     | Alpha-protein kinase 2                        | ALPK2                                            |
| Q6IT06     | Anterior gradient protein 3                    | AGR3                                             |
| Q9Y6U3     | Actseverin                                     | SCIN                                             |
| O60242     | Adhesion G protein-coupled receptor B3         | ADGRB3                                           |
| Q98TT0     | Acidic leucine-rich nuclear phosphoprotein 32 family member E | ANP32E                                          |
| Q9UKF2     | Disintegrin and metalloproteinase domain-containing protein 30 | ADAM30                                          |
| P36404     | ADP-ribosylation factor-like protein 2         | ARL2                                             |
| A6NC57     | Ankyrin repeat domain-containing protein 62    | ANKRD62                                          |
| P0DUB6     | Alpha-amylase 1A                               | AMY1A                                            |
| P19801     | Amiloride-sensitive amine oxidase              | AOC1                                             |
| P25054     | Adenomatous polyposis coli protein             | APC                                              |
| P02649     | Apolipoprotein E                               | APOE                                             |
| Q9Y6G5     | COMM domain-containing protein 10              | COMMD10                                          |
| O75629     | Protein CREG1                                  | CREG1                                            |
| P08686     | Steroid 21-hydroxylase                        | CYP21A2                                          |
| Q9P210     | Cleavage and polyadenylation specificity factor subunit 2 | CPSF2                                          |
| Q9NYL5     | 24-hydroxycholesterol 7-alpha-hydroxylase      | CYP39A1                                          |
| Q9NYF0     | Dapper homolog 1                               | DACT1                                            |
| A6NMT0     | Homeobox protein DBX1                         | DBX1                                             |
| Accession  | Description                                                      | Q6PK57 | Q14562 | O75953 | O75190 | O726W7 | P52429 | Q9H819 | A0A1B0GTR0 | O94769 | Q9Y4J8 | Q08554 | Q9HCU8 | Q9H4A9 | Q9UQ16 | Q9NW81 | P49448 | O95057 | AZC106 | Q9H4A6 | P21916 | Q5WR5 | O75487 | Q86YR5 | Q9NZH0 | Q08426 | Q96DC8 | Q8IXK2 | O71037 | A6NL2 | Q9NZC4 | Q14314 | P58550 | O14976 | Q6W3E5 | P48728 | A0A1B0GV03 | Q75084 | Q12952 | P10912 | Q92990 | Q6W3E5 | P34903 | O75791 | P32019 |
|------------|------------------------------------------------------------------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Accession | Gene Name                                    | Description                                      |
|-----------|----------------------------------------------|--------------------------------------------------|
| Q14449    | Growth factor receptor-bound protein 14      | GRB14                                           |
| Q49A26    | Putative oxidoreductase GLYR1                | GLYR1                                           |
| Q65Q47    | GDP-mannose 4,6 dehydratase                  | GMDS                                            |
| Q53EU6    | Glycerol-3-phosphate acyltransferase 3       | PAT3                                            |
| Q8N158    | Glypican-2                                   | GPC2                                            |
| Q86SX6    | Glutaredoxin-related protein 5, mitochondrial| GLRX5                                           |
| A6NFK2    | Glutaredoxin domain-containing cysteine-rich protein 2 | GRXCR2                                    |
| Q9NYM4    | Probable G-protein coupled receptor 83       | GPR83                                           |
| P68871    | Hemoglobin subunit beta                      | HBB                                             |
| Q98XL5    | Hemogen                                      | HEMGN                                           |
| Q5GL28    | Probable E3 ubiquitin-protein ligase HERC4   | HERC4                                           |
| Q8IYA8    | Interactor of HORMAD1 protein 1              | IHO1                                            |
| Q5DX21    | Immunoglobulin superfamily member 11         | IGSF11                                          |
| Q9H252    | Potassium voltage-gated channel subfamily H member 6 | KCNH6                                    |
| P43627    | Killer cell immunoglobulin-like receptor 2DL2 | KIR2DL2                                        |
| O15554    | Intermediate conductance calcium-activated potassium channel protein 4 | KCNN4                                    |
| P78368    | Casein kinase I isoform gamma-2              | CSNK1G2                                         |
| P59990    | Keratin-associated protein 12-1              | KRTAP12-1                                       |
| Q92845    | Kinesin-associated protein 3                 | KIFAP3                                          |
| Q9BYR4    | Keratin-associated protein 4-3               | KRTAP4-3                                        |
| Q8NCM2    | Potassium voltage-gated channel subfamily H member 5 | KCNH5                                    |
| Q16322    | Potassium voltage-gated channel subfamily A member 10 | KCNA10                                   |
| Q9Y4C1    | Lysine-specific demethylase 3A               | KDM3A                                           |
| O15229    | Kynurenine 3-hydratase CSKMT, mitochondrial   | CSKMT                                            |
| A8MUP2    | Citrate synthase-lysine N-methyltransferase CSKMT, mitochondrial | CSKMT                                    |
| Q9URY6    | 7-alpha-hydroxycholesterol 4-en-3-one 12-alpha-hydroxylase | CYP8B1                                  |
| Q1MSJ5    | Centrosome and spindle pole-associated protein 1 | CSPP1                                  |
| Q8IVE0    | Putative cilia rootlet coiled-coil protein-like 2 protein | CROCCP3                                  |
| A4D2H0    | cTAGE family member 15                       | CTAGE15                                         |
| Q16619    | Cardiotrophin-1                              | CTF1                                            |
| P49711    | Transcriptional repressor CTCF               | CTCF                                            |
| P78358    | Cancer/testis antigen 1                      | CTAG1A                                          |
| O95715    | C-X-C motif chemokine 14                     | CXCL14                                          |
| Q72388    | Probable C-mannosyltransferase DPY19L4        | DPY19L4                                         |
| P35663    | Cylcin-1                                     | CYLC1                                           |
| Q87H03    | Uncharacterized protein CXorf38              | CXorf38                                         |
| P04839    | Cytochrome b-245 heavy chain                 | CYBB                                            |
| Q8NR1L    | Lysine-specific demethylase 3A               | KDM3A                                           |
| Q96UP6    | CUB and zona pellucida-like domain-containing protein 1 | CU2D1                                     |
| P28325    | Cystatin-D                                   | CST5                                            |
| Q9NQM4    | Dynein assembly factor 6, axonemal           | DNAAF6                                          |
| Q5V289    | DENN domain-containing protein 4C            | DENND4C                                         |
| Q16531    | DNA damage-binding protein 1                 | DDB1                                            |
| Q98ET1    | Dynactin subunit 5                           | DCTN5                                           |
| Q00399    | Dynactin subunit 6                           | DCTN6                                           |
| Q105886   | D site-binding protein                       | DBP                                             |
| Accession | Description                                                                 | Abbr  |
|-----------|-----------------------------------------------------------------------------|-------|
| M0R2J8   | Doublecortin domain-containing protein 1                                    | DCDC1|
| Q8N136   | Dynein assembly factor with WDR repeat domains 1                            | DAW1 |
| A8MYV0   | Doublecortin domain-containing protein 2C                                   | DCDC2C|
| Q5J5C9   | Beta-defensin 121                                                           | DEFB121|
| Q9BPW9   | Dehydrogenase/reductase SDR family member 9                                 | DHRS9|
| Q9K4D8   | Dual oxidase 2                                                              | DUOX2|
| O60762   | Dolichol-phosphate mannosyltransferase subunit 1                            | DPM1 |
| Q92556   | Engulfment and cell motility protein 1                                      | ELMO1|
| Q9UKH3   | Endogenous retrovirus group K member 9 Env polyprotein                      | ERVK-9|
| Q9HEO0   | Ectopic P granules protein 5 homolog                                        | EPG5 |
| P55884   | Eukaryotic translation initiation factor 3 subunit B                        | EIF3B|
| Q96AP7   | Endothelial cell-selective adhesion molecule                               | ESAM |
| A6NNJ1   | Putative protein FAM90A9P                                                    | FAM90A9P|
| Q6584Y   | Protein FAM91A1                                                             | FAM91A1|
| A6NDY2   | Putative protein FAM90A10P                                                   | FAM90A10P|
| POC5J1   | Putative protein N-methyltransferase FAM86B2                                | FAM86B2|
| O00321   | ETS translocation variant 2                                                 | ETV2 |
| Q94868   | Protein FAM13A                                                              | FAM13A|
| P00748   | Coagulation factor XII                                                       | F12 |
| Q96EL3   | Transcription factor ETV7                                                   | ETV7 |
| Q8NEG0   | Protein FAM71C                                                              | FAM71C|
| Q51OW9   | Protein FAM83B                                                              | FAM83B|
| P15090   | Fatty acid-binding protein, adipocyte                                       | FABP4|
| Q02758   | Fatty acid-binding protein 9                                                | FABP9|
| Q6PB61   | Glutamate-rich protein 5                                                    | ERICH5|
| A8M236   | Envolplakin-like protein                                                     | EVPLL|
| P0D109   | Embryonic testis differentiation protein homolog B                           | ETDB |
| Q51319   | Protein FAM15B2                                                             | FAM15B2|
| Q96EK7   | Constitutive coactivator of peroxisome proliferator-activated receptor gamma | FAM120B|
| A6H8Z2   | Protein FAM221B                                                             | FAM221B|
| Q9Y2D4   | Exocyst complex component 6B                                                | EXOC6B|
| Q9BA91   | Putative N-acetylated-alpha-linked acidic dipeptidase                       | FOLH1B|
| P49354   | Protein farnesyltransferase/geranylgeranyl transferase type-1 subunit alpha  | FNTA |
| P02771   | Alpha-fetoprotein                                                           | AFP |
| Q9UKB1   | F-box/WD repeat-containing protein 11                                        | FBXW11|
| P36888   | Receptor-type tyrosine-protein kinase FLT3                                  | FLT3 |
| Q8TCJ0   | F-box only protein 25                                                       | FBXO25|
| Q98VA6   | Protein adenyllyltransferase FICD                                            | FICD |
| A6NGY1   | Protein FRG2-like-2                                                         | FRG2C|
| P35556   | Fibrillin-2                                                                 | FBN2 |
| Q95257   | Growth arrest and DNA damage-inducible protein GADD45 gamma                 | GADD45G|
| P83889   | Endogenous retrovirus group K member 10 Gag polyprotein                     | ERVK-10|
| P01358   | Gastric juice peptide 1                                                     | GAGE10|
| A6NGK3   | G antigen 10                                                                | GAGE10|
| P59646   | FXYD domain-containing ion transport regulator 4                            | FXYD4|
| Accession   | Description                                                                 |
|-------------|-----------------------------------------------------------------------------|
| P55316      | Forkhead box protein G1                                                     |
| Q8NHV1      | G1Pase IMAP family member 7                                                 |
| Q8NEA6      | Zinc finger protein GLI3                                                   |
| Q8WU05      | GATA zinc finger domain-containing protein 1                                |
| Q9UN88      | Gamma-aminobutyric acid receptor subunit theta                            |
| P46976      | Glycogenin-1                                                               |
| Q9C091      | GREB1-like protein                                                          |
| Q8I028      | G-protein coupled receptor 13S                                              |
| Q9H3M0      | Potassium voltage-gated channel subfamily F member 1                       |
| Q13304      | Uracil nucleotide/cysteinyl leukotriene receptor                           |
| Q15217      | Glutathione S-transferase A4                                               |
| Q8WU14      | Histone deacetylase 7                                                     |
| P69905      | Hemoglobin subunit alpha                                                   |
| P05546      | Heparin cofactor 2                                                         |
| Q9BTY7      | Protein HGH1 homolog                                                       |
| PI4651      | Homeobox protein Hox-B3                                                    |
| P22557      | 5-aminolevulinate synthase, erythroid-specific, mitochondrial              |
| P68397      | Hydroxyacyl-thioester dehydratase type 2, mitochondrial                    |
| Q8TCT9      | Minor histocompatibility antigen H13                                       |
| O14558      | Heat shock protein beta-6                                                  |
| Q01581      | Hydroxymethylglutaryl-CoA synthase, cytoplasmic                            |
| Q96ED9      | Protein Hook homolog 2                                                     |
| P01567      | Interferon alpha-7                                                         |
| Q13651      | Interleukin-10 receptor subunit alpha                                       |
| P46199      | Translation initiation factor IF-2, mitochondrial                          |
| Q9Y3D8      | Adenylate kinase isoenzyme 6                                               |
| Q96AZ6      | Interferon-stimulated gene 20 kDa protein                                  |
| Q92833      | Protein Jumonji                                                             |
| Q14571      | Inositol 1,4,5-trisphosphate receptor type 2                               |
| Q9BZI       | Iroquois-class homeodomain protein IRIX-2                                  |
| Q9NZN1      | Interleukin-1 receptor accessory protein-like 1                            |
| Q9UQ05      | Potassium voltage-gated channel subfamily H member 4                       |
| Q13118      | Krueppel-like factor 10                                                    |
| P60409      | Keratin-associated protein 10-7                                            |
| O60259      | Kalikrein-8                                                                |
| P17540      | Creatine kinase S-type, mitochondrial                                      |
| Q9UQ1       | Lysosome-associated membrane glycoprotein 5                                |
| A0A087WS20Z0| Immunoglobulin kappa variable 1D-8                                         |
| P11047      | Laminin subunit gamma-1                                                    |
| P08195      | 4F2 cell-surface antigen heavy chain                                       |
| Q315F7      | Putative acyl-coenzyme A thioesterase 6                                    |
| Q5SQ80      | Putative ankyrin repeat domain-containing protein 20A2                    |
| Q9UNA3      | Alpha-1,4-N-acetylgalcosaminyltransferase                                  |
| P02750      | Leucine-rich alpha-2                                                       |
| P28223      | 5-hydroxytryptamine receptor 2A                                            |
| P54619      | 5'-AMP-activated protein kinase subunit gamma-1                             |
| Accession | Description                                                                 | ID  |
|-----------|------------------------------------------------------------------------------|-----|
| P35869    | Aryl hydrocarbon receptor                                                     | AHR |
| Q98Q10    | Allograft inflammatory factor 1-like                                           | AIF1L|
| Q9UQP3    | Arf-GAP with GTPase, ANK repeat and PH domain-containing protein 1            | AGAP1|
| P00352    | Retinal dehydrogenase 1                                                      | ALDH1A1|
| Q8N7X0    | Androglobin                                                                  | ADGB |
| Q9H2A2    | 2-aminomuconic semialdehyde dehydrogenase                                    | ALDH8A1|
| Q8IY63    | Angiomotin-like protein 1                                                    | AMOTL1|
| Q9NO31    | A-kinase-interacting protein 1                                               | AKIP1|
| Q6UXC1    | Apical endosomal glycoprotein                                                | MAMDC4|
| P43652    | Afamin                                                                       | AFM  |
| Q86SQ4    | Adhesion G-protein coupled receptor G6                                        | ADGRG6|
| P12236    | ADP/ATP translocase 3                                                        | SLC25A6|
| O14672    | Disintegrin and metalloproteinase domain-containing protein 10               | ADAM10|
| P18085    | ADP-ribosylation factor 4                                                    | ARF4 |
| Q9NX46    | ADP-ribose glycohydrolase ARH3                                               | ADPRS|
| Q5CZ79    | Ankyrin repeat domain-containing protein 20B                                  | ANKRD20A8P|
| P53677    | AP-3 complex subunit mu-2                                                    | AP3M2|
| Q9NV79    | Armadillo repeat-containing protein 1                                         | ARMC1|
| Q8WWX0    | Ankyrin repeat and SOCS box protein 5                                         | ASB5 |
| O14525    | Astrotactin-1                                                                | ASTN1|
| Q96CB5    | Putative uncharacterized protein C8orf44                                     | C8orf44|
| Q9Y5K6    | CD2-associated protein                                                        | CD2AP|
| P24863    | Cyclin-C                                                                    | CCNC |
| O95388    | CCN family member 4                                                          | CCN4 |
| Q9BU64    | Centromere protein 0                                                         | CENPO|
| Q70A7     | Chondroitin sulfate synthase 3                                                | CHSY3|
| P16619    | C-C motif chemokine 3-like                                                  | CCL3L1|
| Q81WV2    | Contactin-4                                                                  | CNTN4|
| P78357    | Contactin-associated protein 1                                               | CNTNAP1|
| Q6UXF7    | C-type lectin domain family 18 member B                                      | CLEC18B|
| Q14055    | Collagen alpha-2                                                             | COL9A2|
| Q3B72     | Protein canopy homolog 1                                                     | CNP1 |
| P02458    | Collagen alpha-1                                                             | COL2A1|
| Q9H7T3    | Uncharacterized protein C10orf95                                             | C10orf95|
| Q86X95    | Corepressor interacting with RBPJ 1                                          | CIR1 |
| Q6IBW4    | Condensin-2 complex subunit H2                                               | NCAPH2|
| P12107    | Collagen alpha-1                                                             | COL11A1|
| O76071    | Probable cytosolic iron-sulfur protein assembly protein CIAO1                 | CIAO1|
| Q8UY54    | Uncharacterized protein C10orf71                                            | C10orf71|
| Q14C20    | UFP0472 protein C16orf72                                                     | C16orf72|
| A6NN72    | Uncharacterized protein C16orf96                                             | C16orf96|
| Q86Y87    | Enoyl-CoA hydratase domain-containing protein 2, mitochondrial               | ECHDC2|
| Q6P217    | Endogenous Bornavirus-like nucleoprotein 2                                   | EBLN2|
| P38432    | Coilin                                                                       | COIL |
| A6NIL9    | Putative uncharacterized protein CRYM-AS1                                     | CRYM-AS1|
| P53673    | Beta-crystallin A4                                                            | CRYBA4|
| Q9P299    | Coatomer subunit zeta-2                                                      | COP22|
| P39060    | Collagen alpha-1                                                             | COL18A1|
| O14548    | Cytochrome c oxidase subunit 7A-related protein, mitochondrial              | COX7A2L|
| O60397    | Putative cytochrome c oxidase subunit 7A3, mitochondrial                     | COX7A2P2|
| Accession | Description | Gene Symbol |
|-----------|-------------|-------------|
| Q7L5N1    | COP9 signalosome complex subunit 6 | COPS6       |
| Q7Z4L0    | Cytochrome c oxidase subunit 8C, mitochondrial | COX8C       |
| P43320    | Beta-crystallin B2 | CRYBB2      |
| Q9Y2Z9    | Ubiquinone biosynthesis monoxygenase COQ6, mitochondrial | COQ6       |
| Q96BJ8    | Engulfment and cell motility protein 3 | ELMO3       |
| Q9NUV9    | GTPase IMAP family member 4 | GIMAP4      |
| Q6PHH5    | GTPase IMAP family member 6 | GIMAP6      |
| P16520    | Guanine nucleotide-binding protein G | GNBP3       |
| P07093    | Glia-derived nexin | SERPINE2    |
| Q98VP2    | Guanine nucleotide-binding protein-like 3 | GNL3       |
| Q8IWJ2    | GRIP and coiled-coil domain-containing protein 2 | GCC2       |
| Q99928    | Gamma-aminobutyric acid receptor subunit gamma-3 | GABRG3     |
| P02729    | Urine glycopeptide | GBARAP      |
| Q95166    | Gamma-aminobutyric acid receptor-associated protein | GBARAP     |
| O43292    | Glycosylphosphatidylinositol anchor attachment 1 protein | GPAA1      |
| Q08378    | Golgin subfamily A member 3 | GOLGA3      |
| O14775    | Guanine nucleotide-binding protein subunit beta-5 | GNBP5      |
| Q96CH1    | Probable G-protein coupled receptor 146 | GPR146     |
| Q8TDV2    | Probable G-protein coupled receptor 148 | GPR148     |
| Q8NCW6    | Polyplasmin serine protease-like | GALNT11     |
| Q9H3H5    | UDP-N-acetylgalactosamine--dolichyl-phosphate N-acetylgalactosaminephosphotransferase | DPAGT1     |
| Q9Y5P6    | Mannose-1-phosphate guanylyltransferase beta | GMPBP       |
| P49019    | Hydroxyxacyclic acid receptor 3 | HCAR3       |
| P78417    | Glutathione S-transferase omega-1 | GSTO1       |
| Q8WW33    | Gametocyte-specific factor 1 | GTSF1       |
| P43250    | G protein-coupled receptor family | GPK6       |
| Q9H116    | GDNF-inducible zinc finger protein 1 | GZF1        |
| Q6PI5     | Hydroxacylglutathione hydrolase-like protein | HAGHL       |
| O43593    | Lysine-specific demethylase hairless | HR          |
| A0A2R8Y6199 | Histone H2B type 2-E1 | H2BE1       |
| Q06958    | Polyamine deacetylase HDAC10 | HDAC10      |
| Q16778    | Histone H2B type 2-E | H2BC21      |
| Q96MH2    | Protein HEXIM2 | HEXIM2      |
| P17066    | Heat shock 70 kDa protein 6 | HSPA6       |
| P01574    | Interferon beta | IFNB1       |
| O00458    | Interferon-related developmental regulator 1 | IFRD1      |
| P0DOX4    | Immunoglobulin epsilon heavy chain | IL11        |
| Q6UVW32   | Insulin growth factor-like family member 1 | IGFL1       |
| P20809    | Interleukin-11 | IL11        |
| P20839    | Inosine-5'-monophosphate dehydrogenase | IMPDH1      |
| Accession  | Description                                           | Protein ID |
|------------|-------------------------------------------------------|------------|
| Q96N16     | Janus kinase and microtubule-interacting protein 1    | JAKMIP1    |
| P08727     | Keratin, type I cytoskeletal 19                       | KRT19      |
| Q6A162     | Keratin, type I cytoskeletal 40                       | KRT40      |
| P58062     | Serine protease inhibitor Kazal-type 7                | SPINK7     |
| P17301     | Integrin alpha-2                                       | ITGA2      |
| Q6P9B9     | Integrator complex subunit 5                           | INTS5      |
| Q14653     | Interferon regulatory factor 3                         | IRF3       |
| P48551     | Interferon alpha/beta receptor 2                       | IFNAR2     |
| Q02556     | Interferon regulatory factor 8                         | IRF8       |
| Q27J81     | Inverted formin-2                                      | INF2       |
| Q15051     | IQ calmodulin-binding motif-containing protein 1       | IQCB1      |
| P48048     | ATP-sensitive inward rectifier potassium channel 1     | KCNJ1      |
| Q99612     | Krueppel-like factor 6                                 | KLF6       |
| 000139     | Kinesin-like protein KIF2A                              | KIF2A      |
| P49674     | Casein kinase 1 isoform epsilon                         | CSNK1E     |
| Q17RG1     | BTB/POZ domain-containing protein KCTD19               | KCTD19     |
| Q13351     | Krueppel-like factor 1                                 | KLF1       |
| Q8NAX2     | Keratinocyte differentiation factor 1                  | KDF1       |
| Q6ZW86     | BTB/POZ domain-containing protein KCTD8                | KCTD8      |
| Q14678     | KN motif and ankyrin repeat domain-containing protein 1| KANK1      |
| Q969E1     | Liver-expressed antimicrobial peptide 2                | LEAP2      |
| Q14558     | Phosphoribosyl pyrophosphate synthase-associated protein 1 | PRPSAP1 |
| Q02928     | Cytochrome P450 4A11                                   | CYP4A11    |
| Q5TAT6     | Collagen alpha-1                                       | COL13A1    |
| P06850     | Corticoliderin                                         | CRH        |
| P22680     | Cytochrome P450 7A1                                    | CYP7A1     |
| Q9Y2W7     | Calcinilin                                             | KCNIP3     |
| P0DMV2     | Cancer/testis antigen family 45 member A9              | CT4SA9     |
| Q6XXX2     | Putative uncharacterized protein encoded by LINC00114  | LINC00114  |
| P59036     | Putative uncharacterized protein encoded by LINC00310  | LINC00310  |
| Q8NCS7     | Choline transporter-like protein 5                     | SLC4A45    |
| P58505     | Uncharacterized protein C21orf58                       | C21orf58   |
| P80162     | C-X-C motif chemokine 6                                | CXCL6      |
| Q8IX95     | Putative cTAGE family member 3                         | CTAGE3P    |
| Q8TB33     | Putative uncharacterized protein encoded by LINC01560  | LINC01560  |
| Q9H4D0     | Calsyntenin-2                                          | CLSTN2     |
| Q9H1C7     | Cysteine-rich and transmembrane domain-containing protein 1 | CYSTM1    |
| Q6ZUT9     | DENN domain-containing protein 5B                      | DENND5B    |
| Q5VWQ8     | Disabled homolog 2-interacting protein                 | DAB2IP     |
| Q75935     | Dynactin subunit 3                                     | DCTN3      |
| Q9Y4D1     | Disheveled-associated activator of morphogenesis 1     | DAAM1      |
| Q35XM0     | DDB1- and CUL4-associated factor 4-like protein 1      | DCAF4L1    |
| Q13409     | Cytoplasmic dynein 1 intermediate chain 2              | DYNC1I2    |
| Q9C098     | Serine/threonine-protein kinase DCLK3                  | DCLK3      |
| Q8WVC6     | Diphospho-CoA kinase domain-containing protein         | DCAKD      |
| Q96PH6     | Beta-defensin 118                                      | DEFB118    |
| Accession | Description                                                                 | Accession | Description                                                                 |
|-----------|-----------------------------------------------------------------------------|-----------|-----------------------------------------------------------------------------|
| A6NHG4    | D-dopachrome decarboxylase-like protein                                      | DDTL      | D-dopachrome decarboxylase-like protein                                      |
| Q8N687    | Beta-defensin 125                                                           | DEFB125   | Beta-defensin 125                                                           |
| Q9H2U1    | ATP-dependent DNA/RNA helicase DXH36                                        | DHX36     | ATP-dependent DNA/RNA helicase DXH36                                        |
| Q965C8    | Doublesex- and mab-3-related transcription factor A2                        | DMRTA2    | Doublesex- and mab-3-related transcription factor A2                        |
| Q8NFT8    | Delta and Notch-like epidermal growth factor-related receptor               | DNER      | Delta and Notch-like epidermal growth factor-related receptor               |
| Q8N7S2    | DnaJ homolog subfamily C member 5G                                          | DNAJC5G   | DnaJ homolog subfamily C member 5G                                          |
| Q6XZF7    | Dynamin-binding protein                                                     | DNMBP     | Dynamin-binding protein                                                     |
| Q99543    | DnaJ homolog subfamily C member 2                                           | DNAJC2    | DnaJ homolog subfamily C member 2                                           |
| Q14185    | Dedicator of cytokinesis protein 1                                          | DOCK1     | Dedicator of cytokinesis protein 1                                          |
| Q14129    | Protein DGCR6                                                               | DGCR6     | Protein DGCR6                                                               |
| Q8N2C3    | DEP domain-containing protein 4                                              | DEPDC4    | DEP domain-containing protein 4                                              |
| Q8ZD9     | Dedicator of cytokinesis protein 3                                           | DOCK3     | Dedicator of cytokinesis protein 3                                           |
| Q8IXB1    | DnaJ homolog subfamily C member 10                                          | DNAJC10   | DnaJ homolog subfamily C member 10                                          |
| Q9P2X0    | Dolichol-phosphate mannosyltransferase subunit 3                            | DPM3      | Dolichol-phosphate mannosyltransferase subunit 3                            |
| P14138    | Endothelin-3                                                               | EDN3      | Endothelin-3                                                               |
| P24530    | Endothelin receptor type B                                                  | EDNRB     | Endothelin receptor type B                                                  |
| Q9NYC9    | Dynein heavy chain 9, axonemal                                             | DNAH9     | Dynein heavy chain 9, axonemal                                             |
| P12724    | Eosinophil cationic protein                                                  | RNAE3     | Eosinophil cationic protein                                                  |
| Q81E73    | Dynein heavy chain 5, axonemal                                             | DNAH5     | Dynein heavy chain 5, axonemal                                             |
| Q6RFH8    | Double homeobox protein 4C                                                  | DUX4L9    | Double homeobox protein 4C                                                  |
| Q6ZN92    | DnaJ homolog subfamily C member 4                                            | DNAJC1    | DnaJ homolog subfamily C member 4                                            |
| Q6B8I1    | Dual specificity protein phosphatase 13 isoform A                           | DUSP13    | Dual specificity protein phosphatase 13 isoform A                           |
| Q8N7M0    | Dynein light chain Tctex-type 5                                             | DYNL5     | Dynein light chain Tctex-type 5                                             |
| P06746    | DNA polymerase beta                                                         | POLB      | DNA polymerase beta                                                         |
| O00418    | Eukaryotic elongation factor 2 kinase                                        | EEF2K     | Eukaryotic elongation factor 2 kinase                                        |
| Q75417    | DNA polymerase theta                                                        | POLQ      | DNA polymerase theta                                                        |
| P61567    | Endogenous retrovirus group K member 7 Env polyprotein                      | ERVK-7    | Endogenous retrovirus group K member 7 Env polyprotein                      |
| P41970    | ETS domain-containing protein Elk-3                                         | ELK3      | ETS domain-containing protein Elk-3                                         |
| Q99613    | Eukaryotic translation initiation factor 3 subunit C                        | EIF3C     | Eukaryotic translation initiation factor 3 subunit C                        |
| P54753    | Ephrin type-B receptor 3                                                    | EPHB3     | Ephrin type-B receptor 3                                                    |
| P18146    | Early growth response protein 1                                              | EGR1      | Early growth response protein 1                                              |
| Q9Y3B6    | ER membrane protein complex subunit 9                                       | EMC9      | ER membrane protein complex subunit 9                                       |
| Q9Y262    | Eukaryotic translation initiation factor 3 subunit L                        | EIF3L     | Eukaryotic translation initiation factor 3 subunit L                        |
| Q9H6T0    | Epithelial splicing regulatory protein 2                                    | ESRP2     | Epithelial splicing regulatory protein 2                                    |
| Q6ZMW3    | Echinoderm microtubule-associated protein-like 6                            | EML6      | Echinoderm microtubule-associated protein-like 6                            |
| Q96C19    | EF-hand domain-containing protein D2                                        | EFHD2     | EF-hand domain-containing protein D2                                        |
| Q9UJM3    | ERBB receptor feedback inhibitor                                            | ERRF1     | ERBB receptor feedback inhibitor                                            |
| Q9H501    | ESF1 homolog                                                                | ESF1      | ESF1 homolog                                                                |
| P0C7V4    | Putative protein FAM90A15P                                                   | FAM90A15P | Putative protein FAM90A15P                                                   |
| O43414    | ER11 exoribonuclease 3                                                      | ER13      | ER11 exoribonuclease 3                                                      |
| Q5W0A0    | Glutamate-rich protein 6B                                                   | ERICH6B   | Glutamate-rich protein 6B                                                   |
| Q9NV70    | Exocyst complex component 1                                                 | EXOC1     | Exocyst complex component 1                                                 |
| Q98X63    | Fanconi anemia group J protein                                              | BRIP1     | Fanconi anemia group J protein                                              |
| Q60645    | Exocyst complex component 3                                                 | EXOC3     | Exocyst complex component 3                                                 |
| Q86X53    | Glutamate-rich protein 1                                                    | ERICH1    | Glutamate-rich protein 1                                                    |
| A6NC97    | Putative protein FAM172B                                                    | FAM172BP  | Putative protein FAM172B                                                    |
| Q70Z53    | Protein FRA10AC1                                                            | FRA10AC1  | Protein FRA10AC1                                                            |
| Q5T8I3    | Protein FAM102B                                                             | FAM102B   | Protein FAM102B                                                             |

**Table:** Genes and their descriptions.
| Accession | Description                                      | Gene   |
|-----------|--------------------------------------------------|--------|
| Q6POA1    | Protein FAM180B                                  | FAM180B|
| Q8WW52    | Protein FAM151A                                  | FAM151A|
| Q96PV7    | Protein FAM193B                                  | FAM193B|
| P0C2L3    | Protein FAM163B                                  | FAM163B|
| A0A18GUQ0 | Protein FAM236A                                  | FAM236A|
| Q4G148    | Glucoside xylosyltransferase 1                   | GXYLT1 |
| P06734    | Low affinity immunoglobulin epsilon Fc receptor  | FCER2  |
| O00602    | Ficolin-1                                        | FCN1   |
| P31513    | Dimethylaniline monoxygenase                     | FMO3   |
| Q5T1H1    | Protein eyes shut homolog                        | EYS    |
| Q9UGQ2    | Calcium channel flower homolog                   | CACFD1 |
| P02765    | Alpha-2-HS-glycoprotein                           | AHSG   |
| O14843    | Free fatty acid receptor 3                       | FFAR3  |
| O14842    | Free fatty acid receptor 1                       | FFAR1  |
| Q53RD9    | Fibulin-7                                        | FBLN7  |
| Q6PW4     | Fidgetin-like protein 1                          | FIGNL1 |
| O75789    | Glutamyl-tRNA                                    | GATB   |
| Q99999    | Galactosylceramide sulfotransferase              | GALST1 |
| Q5VV16    | Forkhead box protein D4-like 5                   | FOXD4L5|
| A8MY26    | Forkhead box protein O6                           | FOXO6  |
| Q8NGA4    | Putative G-protein coupled receptor GPR32P1      | GPR32P1|
| Q10472    | Polypeptide N-acetylgalactosaminyltransferase 1  | GALNT1 |
| Q96JP0    | Protein fem-1 homolog C                          | FEM1C  |
| Q01ET4    | Neutral alpha-glucosidase C                      | GANC   |
| P35539    | Protein fosB                                     | FOSB   |
| P30047    | GTP cyclohydrolase 1 feedback regulatory protein | GCHFR  |
| P62873    | Guanine nucleotide-binding protein G             | GNB1   |
| Q92616    | elf-2-alpha kinase activator                     | GCN1   |
| Q02153    | Guanylate cyclase soluble subunit beta-1         | GUCY1B1|
| O14610    | Guanine nucleotide-binding protein G             | GNAT2  |
| P19087    | Guanine nucleotide-binding protein G             | GNAT2  |
| A6NC78    | Putative golgin subfamily A member 8I            | GOLGA8IP|
| P56915    | Homeobox protein goosecoid                       | GSC    |
| Q9H1H1    | Gametocyte-specific factor 1-like                | GTSF1L |
| Q86UQ5    | Gilles de la Tourette syndrome chromosomal region candidate gene 1 protein | GTSCR1 |
| P16402    | Histone H1.3                                     | H1-3   |
| Q9HOR4    | Haloacid dehalogenase-like hydrolase domain-containing protein 2 | HDHD2 |
| Q9U83     | 2-hydroxyacyl-CoA lyase 1                        | HACL1  |
| P09155    | Hemoglobin subunit theta-1                       | HBQ1   |
| Q9COE4    | Glutamate receptor-interacting protein 2         | GRIP2  |
| Q15468    | Putative inactive beta-glucuronidase-like protein SMA3 | GUSBP1 |
| P61296    | Heart- and neural crest derivatives-expressed protein 2 | HAND2 |
| Q8WYB5    | Histone acetyltransferase KAT6B                  | KAT6B  |
| Q7Z4H7    | HAUS augmin-like complex subunit 6               | HAUS6  |
| Q300201   | Hereditary hemochromatosis protein               | HFE    |
| P49773    | Histidine triad nucleotide-binding protein 1     | HINT1  |
| O94927    | HAUS augmin-like complex subunit 5               | HAUS5  |
| Accession | Gene Name                                                                 | Description                                                                 |
|----------|---------------------------------------------------------------------------|----------------------------------------------------------------------------|
| Q86Z02   | Homeodomain-interacting protein kinase 1                                  | HIPK1                                                                      |
| P14652   | Homeobox protein Hox-B2                                                   | HOXB2                                                                      |
| Q0VF9    | Heat shock 70 kDa protein 14                                               | HSPA14                                                                     |
| Q8IU1    | Immunoglobulin superfamily DCC subclass member 3                           | IGDCC3                                                                     |
| Q9UJ7    | GTP-AMP phosphotransferase AK3, mitochondrial                              | AK3                                                                        |
| Q9CB8    | Integrator complex subunit 12                                             | INTS12                                                                     |
| Q5VZ72   | Izumo sperm-egg fusion protein 3                                           | IZUMO3                                                                     |
| P26010   | Integrin beta-7                                                           | ITGB7                                                                      |
| Q9UJP4   | Kelch-like protein 21                                                     | KLHL21                                                                     |
| Q9NP60   | X-linked interleukin-1 receptor accessory protein-like 2                   | IL1RAPL2                                                                  |
| Q2M1P5   | Kinesin-like protein Kif7                                                  | KIF7                                                                       |
| Q76015   | Keratin, type I cuticular Ha8                                              | KRT38                                                                      |
| Q9NSB2   | Keratin, type II cuticular Hb4                                              | KRT84                                                                      |
| Q9NR82   | Potassium voltage-gated channel subfamily KQT member 5                    | KCNQ5                                                                      |
| P60331   | Keratin-associated protein 10-1                                            | KRTAP10-1                                                                 |
| Q3L60    | Keratin-associated protein 20-3                                             | KRTAP20-3                                                                 |
| Q76014   | Keratin, type I cuticular Ha7                                              | KRT37                                                                      |
| Q96G42   | Kelch domain-containing protein 7B                                         | KLHDC7B                                                                   |
| A0A075B6H8 | Probable non-functional immunoglobulin kappa variable 1D-42                   | IGKV1D-42                                                                 |
| A0A087WW87 | Immunoglobulin kappa variable 2-40                                        | IGKV2-40                                                                  |
| A0A0C4DH55 | Immunoglobulin kappa variable 3D-7                                          | IGKV3D-7                                                                  |
| Q8IY47   | Kelch repeat and BTB domain-containing protein 2                          | KBTBD2                                                                    |
| Q96PE2   | Rho guanine nucleotide exchange factor 17                                  | ARHGEF17                                                                  |
| Q9NZ32   | Actin-related protein 10                                                  | ACTR10                                                                     |
| P18848   | Cyclic AMP-dependent transcription factor ATF-4                             | ATF4                                                                       |
| P59826   | BPI fold-containing family B member 3                                      | BPIFB3                                                                    |
| Q8N3I7   | Bardet-Biedl syndrome 5 protein                                            | BBS5                                                                       |
| Q9H6U6   | Breast carcinoma-amplified sequence 3                                     | BCAS3                                                                      |
| Q99X7    | BRISC and BRCA1-A complex member 2                                         | BABAM2                                                                    |
| Q5VTR2   | E3 ubiquitin-protein ligase BRE1A                                         | RNF20                                                                      |
| Q6PGQ7   | Protein aurora borealis                                                   | BORA                                                                       |
| P54687   | Branched-chain-amino-acid aminotransferase, cytosolic                      | BCAT1                                                                      |
| Q9HA72   | Calcium homeostasis modulator protein 2                                   | CALHM2                                                                    |
| A8MX76   | Calpain-14                                                                | CAPN14                                                                     |
| Q9NKR3   | CDC42 small effector protein 2                                             | CDC42SE2                                                                  |
| Q86VP6   | Cullin-associated NEDD8-dissociated protein 1                             | CAND1                                                                     |
| Q6ZMU1   | Putative protein C3P1                                                     | C3P1                                                                       |
| Q8NAE3   | Putative uncharacterized protein encoded by LINC01555                     | LINCO1555                                                                 |
| Q9BXJ0   | Complement C1q tumor necrosis factor-related protein 5                    | C1QTNF5                                                                   |
| Q8IS8    | Voltage-dependent calcium channel subunit alpha-2/delta-3                  | CACNA2D3                                                                  |
| Q9HBT6   | Cadherin-20                                                               | CDH20                                                                      |
| Q14444   | Caprin-1                                                                  | CAPRIN1                                                                    |
| Q07021   | Complement component 1 Q subcomponent-binding protein, mitochondrial      | C1QBP                                                                      |
| Q4VC31   | Coiled-coil domain-containing protein 58                                   | CCDC58                                                                     |
| Gene ID   | Protein Name                                      | Description                                      | Protein ID |
|----------|--------------------------------------------------|--------------------------------------------------|------------|
| Q9NS85   | Carbonic anhydrase-related protein 10             | CA10                                             |            |
| Q75976   | Carboxypeptidase D                                | CPD                                              |            |
| D6REC4   | Cilia- and flagella-associated protein 99         | CFAP99                                           |            |
| Q00257   | E3 SUMO-protein ligase CBX4                       | CBX4                                             |            |
| P05156   | Complement factor I                               | CFI                                              |            |
| Q5ZPR3   | CD276 antigen                                     | CD276                                            |            |
| B1AMM8   | Putative uncharacterized protein encoded by LINCO0587 | LINCO0587                                        |            |
| Q96ST8   | Centrosomal protein of 89 kDa                    | CEP89                                            |            |
| P09564   | T-cell antigen CD7                                | CD7                                              |            |
| Q96NF6   | Putative uncharacterized protein C8orf49         | CBorf49                                          |            |
| Q8IV13   | Cyclin-J-like protein                             | CCNJL                                            |            |
| Q8N6Q3   | CD177 antigen                                     | CD177                                            |            |
| Q96BR5   | Cytochrome c oxidase assembly factor 7            | COA7                                             |            |
| Q8N137   | Centrin                                           | CNTROB                                           |            |
| Q9BZ76   | Contactin-associated protein-like 3               | CNTNAP3                                          |            |
| Q9UIV1   | CCR4-NOT transcription complex subunit 7          | CNOT7                                            |            |
| Q96A22   | Uncharacterized protein C11orf52                 | C11orf52                                         |            |
| Q86VU5   | Catecholesterase domain-containing protein 1      | COMTD1                                           |            |
| Q15846   | Clusterin-like protein 1                          | CLUL1                                            |            |
| P21554   | Cannabinoid receptor 1                            | CNR1                                             |            |
| Q5K130   | Putative uncharacterized protein CLU1-AS1         | CLLU1-AS1                                        |            |
| Q0P5P2   | Uncharacterized protein C17orf67                  | C17orf67                                         |            |
| A8MU93   | Uncharacterized protein C17orf100                 | C17orf100                                        |            |
| P07315   | Gamma-crystallin C                                | CRYGC                                            |            |
| Q96D53   | Atypical kinase COQ8B, mitochondrial              | COQ88                                            |            |
| O43812   | Double homeobox protein 1                         | DUX1                                             |            |
| Q9H4M9   | EH domain-containing protein 1                    | EHD1                                             |            |
| P20827   | Ephrin-A1                                        | EFNA1                                            |            |
| Q1W209   | Embryonic stem cell-related gene protein          | ESRG                                             |            |
| Q6NT32   | Carboxylesterase 5A                               | CES5A                                            |            |
| Q8NCA5   | Protein FAM98A                                    | FAM98A                                           |            |
| Q00748   | Cocaine esterase                                  | CES2                                             |            |
| A8MWA6   | Putative protein FAM90A22P                        | FAM90A22P                                        |            |
| Q6NZ36   | Fanconi anemia core complex-associated protein 20 | FAAP20                                           |            |
| A6NL05   | Protein FAM74A7                                   | FAM74A7                                          |            |
| P41161   | ETS translocation variant 5                       | ETV5                                             |            |
| Q9Y282   | Endoplasmic reticulum-Golgi intermediate compartment protein 3 | ERGIC3                                           |            |
| Q96LP2   | Protein FAM81B                                    | FAM81B                                           |            |
| Q69DA7   | Formin-1                                          | FMIN1                                            |            |
| Q8TES7   | Fas-binding factor 1                              | FBFI1                                            |            |
| Q9UK73   | Protein fem-1 homolog B                           | FEM1B                                            |            |
| Q9UK74   | F-box only protein 5                              | FBXO5                                            |            |
| P11413   | Glucose-6-phosphate 1-dehydrogenase               | G6PD                                             |            |
| Q2WG99   | Fer-1-like protein 6                              | FER1L6                                           |            |
| Q8N3F9   | Integral membrane protein GPR137C                 | GPR137C                                          |            |
| Q6PQ5    | Forkhead box protein R2                           | FOXR2                                            |            |
| Q6Y7W6   | GRB10-interacting GYF protein 2                   | GIGYF2                                           |            |
| Q60609   | GDYNF family receptor alpha-3                     | GFRA3                                            |            |
| Q95090   | Growth/differentiation factor 11                  | GDF11                                            |            |
| Q99684   | Zinc finger protein Gfi-1                         | GFI1                                             |            |
| P63096   | Guanine nucleotide-binding protein G              | GNAI1                                            |            |
| Accession | Description | Ensembl ID |
|-----------|-------------|------------|
| Q9HD26    | Golgi-associated PDZ and coiled-coil motif-containing protein | GOPC       |
| P46926    | Glucosamine-6-phosphate isomerase 1 | GNPD1A     |
| A0A0U1RQ  | Putative glycine N-acetyltransferase-like protein 1B | GLYATL1B   |
| Q5T848    | Probable G-protein coupled receptor 158 | GPR158     |
| O60234    | Gla maturation factor gamma | GMFG       |
| Q13227    | G protein pathway suppressor 2 | GPS2       |
| P13224    | Platelet glycoprotein Ib beta chain | GP1BB      |
| Q13439    | Golgin subfamily A member 4 | GOLGA4     |
| A4D2P6    | Delphilin | GRID2IP    |
| Q9GZN0    | Probable G-protein coupled receptor 88 | GPR88      |
| Q86UP8    | General transcription factor II-I repeat domain-containing protein 2A | GTF2IRD2  |
| Q15835    | Rhodopsin kinase GRK1 | GRK1       |
| Q8IE6     | Histone H2A type 2-B | H2AC21     |
| Q75WM6    | Testis-specific H1 histone | H1-7       |
| Q5WVC8    | Very-long-chain | HACD4      |
| P31267    | Homeobox protein Hox-A6 | HOX6       |
| P01767    | Immunoglobulin heavy variable 3-53 | IGHV3-53   |
| Q96D96    | Voltage-gated hydrogen channel 1 | HVCN1      |
| P01743    | Immunoglobulin heavy variable 1-46 | IGHV1-46   |
| P01764    | Immunoglobulin heavy variable 3-23 | IGHV3-23   |
| Q9EOQ5    | Heparan sulfate glucosamine 3-O-sulfotransferase 6 | HS3ST6     |
| Q58FG0    | Putative heat shock protein HSP 90-alpha A5 | HSP90AA5P  |
| P01824    | Immunoglobulin heavy variable 4-39 | IGHV4-39   |
| Q9BYM8    | RanBP-type and C3HC4-type zinc finger-containing protein 1 | RBCK1     |
| P63241    | Eukaryotic translation initiation factor 5A-1 | EIF5A      |
| P08238    | Heat shock protein HSP 90-beta | HSP90AB1   |
| A6NMD0    | Interferon-induced transmembrane protein 10 | IFITM10    |
| P52597    | Heterogeneous nuclear ribonucleoprotein F | HNRNPF     |
| O14979    | Heterogeneous nuclear ribonucleoprotein D-like | HNRNPDL    |
| P05013    | Interferon alpha-6 | IFNA6      |
| Q9H2S9    | Zinc finger protein Eos | IKZF4      |
| O14920    | Inhibitor of nuclear factor kappa-B kinase subunit beta | IKBK8     |
| Q13261    | Interleukin-15 receptor subunit alpha | IL15RA     |
| Q6EBC2    | Interleukin-31 | IL31       |
| P0DOY2    | Immunoglobulin lambda constant 2 | IGLC2      |
| A0A100GV  | IQ domain-containing protein M | IQCM       |
| H7        | Keratin, type I cytoskeletal 28 | KRT28      |
| Q7Z3Y7    | Keratin, type I cytoskeletal 28 | KRT28      |
| P78413    | IQoquis-class homeodomain protein IRX-4 | IRX4       |
| P19013    | Keratin, type II cytoskeletal 4 | KRT4       |
| O95235    | Kinesin-like protein KIF20A | KIF20A     |
| Q9NZS2    | Killer cell lectin-like receptor subfamily F member 1 | KLRF1      |
| P01130    | Low-density lipoprotein receptor | LDLR       |
| Q81ZD2    | Inactive histone-lysine N-methyltransferase 2E | KMT2E      |
| Accession | Description                                                                 | Entry | Description                                                                 | Entry |
|-----------|------------------------------------------------------------------------------|-------|------------------------------------------------------------------------------|-------|
| P06315    | Immunoglobulin kappa variable 5-2                                             | IGKV5-2 |                                                                             |       |
| Q96J3     | Envelopment and cell motility protein 2                                       | ELMO2 |                                                                             |       |
| Q9UBQ5    | Eukaryotic translation initiation factor 3 subunit K                          | EIF3K |                                                                             |       |
| Q05215    | Early growth response protein 4                                               | EGR4  |                                                                             |       |
| P41567    | Eukaryotic translation initiation factor 1                                    | EIF1  |                                                                             |       |
| O76042    | Putative uncharacterized protein encoded by ERC2-IT1                          | ERC2-IT1 |                                                                             |       |
| Q94905    | Elin-2                                                                       | ERLIN2 |                                                                             |       |
| Q8NE31    | Protein FAM13C                                                                | FAM13C |                                                                             |       |
| Q8TC56    | Protein FAM71B                                                                | FAM71B |                                                                             |       |
| P0C7U9    | Protein FAM74A4/A6                                                           | FAM74A4 |                                                                            |       |
| Q00597    | Fanconi anemia group C protein                                                | FANCC |                                                                             |       |
| O6ZRV2    | Protein FAM83H                                                                | FAM83H |                                                                             |       |
| Q13860    | Fanconi anemia group A protein                                                | FANCA |                                                                             |       |
| Q8TB5     | Membrane protein FAM174A                                                      | FAM174A |                                                                           |       |
| Q9UPT5    | Exocyst complex component 7                                                   | EXOC7 |                                                                             |       |
| Q8N2X6    | Uncharacterized protein EXOC3-AS1                                             | EXOC3-AS1 |                                                                        |       |
| Q17R55    | Protein FAM187B                                                               | FAM187B |                                                                             |       |
| P78312    | Protein FAM193A                                                               | FAM193A |                                                                             |       |
| Q5RKV6    | Exosome complex component MTR3                                                 | EXOSC6 |                                                                             |       |
| Q6PEV8    | Protein FAM199X                                                               | FAM199X |                                                                             |       |
| F5H4B4    | Protein FAM227A                                                               | FAM227A |                                                                             |       |
| Q96M60    | Protein FAM227B                                                               | FAM227B |                                                                             |       |
| A0A1BOGV2 | Protein FAM236B                                                               | FAM236B |                                                                             |       |
| P0DP71    | Protein FAM236C                                                               | FAM236C |                                                                             |       |
| Q53EP0    | Fibronectin type III domain-containing protein 3B                             | FND3C8 |                                                                             |       |
| Q96PJ5    | Fc receptor-like protein 4                                                    | FCRL4 |                                                                             |       |
| P28799    | Progranulin                                                                  | GRN   |                                                                             |       |
| A5D6W6    | Fat storage-inducing transmembrane protein 1                                 | FITM1 |                                                                             |       |
| Q15007    | Pre-mRNA-splicing regulator WTAP                                              | WTAP  |                                                                             |       |
| Q9UKT5    | F-box only protein 4                                                          | FBXO4 |                                                                             |       |
| Q9NKV5    | FGFR1 oncogene partner 2                                                     | FGFR1OP2 |                                                               |       |
| Q98XU8    | Ferritin heavy polypeptide-like 17                                             | FTHL17 |                                                                             |       |
| P12034    | Fibroblast growth factor 5                                                    | FGF5  |                                                                             |       |
| P0C097    | FRAS1-related extracellular matrix protein 3                                  | FREM3 |                                                                             |       |
| P35575    | Glucose-6-phosphatase                                                         | G6PC  |                                                                             |       |
| Q9NNX8    | F-box/LRR-repeat protein 12                                                   | FBXL12 |                                                                             |       |
| Q9BQ58    | FYVE and coiled-coil domain-containing protein 1                              | FYCO1 |                                                                             |       |
| Q5TBA9    | Protein furin homolog                                                         | FRY   |                                                                             |       |
| Q43638    | Forkhead box protein S1                                                       | FOXS1 |                                                                             |       |
| Q8NCL4    | Polypeptide N-acetylglactosaminyltransferase 6                               | GALNT6 |                                                                             |       |
| Q9HBQ8    | Putative golgin subfamily A member 2B                                         | GOLGA2P5 |                                                               |       |
| Q9HP37    | Golgi resident protein GCP60                                                   | ACBD3 |                                                                             |       |
| P60520    | Gamma-aminobutyric acid receptor-associated protein- like 2                  | GABARAPL2 |                                                      |       |
| Q4V328    | GRIP1-associated protein 1                                                    | GRIPAP1 |                                                               |       |
| P0C92     | Golgin subfamily A member 8                                                   | GOLGA8H |                                                                             |       |
| Q9NPR9    | Protein GPR108                                                                | GPR108 |                                                                             |       |
| P11488    | Guanine nucleotide-binding protein G                                         | GNAT1 |                                                                             |       |
| Q16538    | Probable G-protein coupled receptor 16                                        | GPR162 |                                                                             |       |
| Accession | Protein Name                                      | Description                                      |
|-----------|--------------------------------------------------|--------------------------------------------------|
| Q6NU2     | Glycerol-3-phosphate acyltransferase 2, mitochondrial | GPAT2                                            |
| Q9U132    | Glutaminase liver isoform, mitochondrial          | GLS2                                             |
| Q9P107    | GEM-interacting protein                          | GMIP                                             |
| P23415    | Glycine receptor subunit 1                       | GLRA1                                            |
| P56199    | Integrin alpha-1                                 | ITGA1                                            |
| Q9UPP5    | AP2-interacting clathrin-endocytosis protein     | KIAA1107                                         |
| P51674    | Neuronal membrane glycoprotein M6-a              | GPM6A                                            |
| Q13387    | C-Jun-amino-terminal kinase-interacting protein 2| MAPK8IP2                                         |
| Q9Y283    | Inversin                                         | INV5                                             |
| P46091    | G-protein coupled kinase 1                       | GPR1                                             |
| Q15354    | Prosaposin receptor GPR37                        | GPR37                                            |
| Q96PQ7    | Kelch-like protein 5                             | KLHL5                                            |
| Q16836    | Hydroxyacyl-coenzyme A dehydrogenase, mitochondrial | HADH                                           |
| Q71D3     | Histone H3.2                                     | H3C15                                            |
| P28161    | Glutathione S-transferase Mu 2                   | GSTM2                                            |
| Q7RTV2    | Glutathione S-transferase A5                     | GSTA5                                            |
| Q99879    | Histone H2B type 1-M                             | H2BC14                                           |
| O60443    | Gasdermin-E                                      | GSDME                                            |
| Q9UBN7    | Histone deacetylase 6                            | HDAC6                                            |
| Q6ISB3    | Grainyhead-like protein 2 homolog                | GRHL2                                            |
| P42263    | Glutamate receptor 3                             | GRIA3                                            |
| Q6ZVF9    | G protein-regulated inducer of neurite outgrowth 3 | GPRIN3                                          |
| P48058    | Glutamate receptor 4                             | GRIA4                                            |
| Q9P035    | Very-long-chain                                  | HACD3                                            |
| Q8IV36    | Protein HID1                                     | HID1                                             |
| A4D0S4    | Laminin subunit beta-4                           | LAMB4                                            |
| P08397    | Porphobilinogen deaminase                       | HMBS                                             |
| Q5T819    | Small RNA 2'-O-hydroxylase                        | HENMT1                                           |
| Q15034    | Probable E3 ubiquitin-protein ligase HERC3       | HERC3                                            |
| P01854    | Immunoglobulin heavy constant epsilon            | IGHE                                             |
| P27930    | Interleukin-1 receptor type 2                    | IL1R2                                            |
| Q9UHF5    | Interleukin-17B                                  | IL17B                                            |
| P01854    | Interleukin-1 beta                               | IL1B                                             |
| P01876    | Immunoglobulin heavy constant alpha 1            | IGHA1                                            |
| P29460    | Interleukin-12 subunit beta                      | IL12B                                            |
| Q6UWQ7    | Insulin growth factor-like family member 2       | IGFL2                                            |
| P01860    | Immunoglobulin heavy constant gamma 3            | IGHG3                                            |
| Q14626    | Interleukin-11 receptor subunit alpha             | ILL1RA                                           |
| B1ANH7    | Putative uncharacterized protein IBA57-DT         | IBA57-DT                                         |
| P18564    | Integrin beta-6                                  | ITGB6                                            |
| Q9HC6     | E3 SUMO-protein ligase                           | KIAA1586                                         |
| Q04695    | Keratin, type I cytoskeletal 17                  | KRT17                                            |
| P05412    | Transcription factor AP-1                       | JUN                                              |
| P78385    | Keratin, type II cuticular Hb3                   | KRT83                                            |
| Q75164    | Lysine-specific demethylase 4A                    | KDM4A                                            |
| Q9H008    | Phospholysine phosphohistidine inorganic pyrophosphate phosphatase | LHPP |
| Q6PS52    | Protein LEG1 homolog                             | LEG1                                             |
| Q5T7P2    | Late cornified envelope protein 1A               | LCE1A                                            |
| Q5T7A9    | Late cornified envelope protein 2A               | LCE2A                                            |
| Q8IWV1    | Lymphocyte transmembrane adapter 1               | LAX1                                             |
| Accession | Description | Accession | Description |
|-----------|-------------|-----------|-------------|
| Q5T700    | Low-density lipoprotein receptor class A domain-containing protein 1 | LDLRAD1 |
| A6NH25    | Leucine-rich repeat-containing protein 14B | LRRC14B |
| Q8N456    | Leucine-rich repeat-containing protein 18 | LRRC18 |
| Q8IWT6    | Volume-regulated anion channel subunit LRRC8A | LRRC8A |
| Q9Y2L9    | Leucine-rich repeat and calponin homology domain-containing protein 1 | LRCH1 |
| P48449    | Lanosterol synthase | LSS |
| Q8IV03    | Leucine rich adaptor protein 1- | LURAP1L |
| O75019    | Leukocyte immunoglobulin-like receptor subfamily A member 1 | LILRA1 |
| Q7I7R9    | Cystin-1 | CYS1 |
| Q7U14     | Probable ATP-dependent RNA helicase DDX46 | DDX46 |
| Q9NU11    | Peroxisomal 2,4-dienoyl-CoA reductase | DECR2 |
| Q30KR1    | Putative beta-defensin 109B | DEFB109B |
| Q5HYR2    | Doublesex- and mab-3-related transcription factor C1 | DMRTC1; |
| Q9Y2H0    | Disks large-associated protein 4 | DLGAP4 |
| Q86SQ9    | Dehydrodolichyl diphosphate synthase complex subunit DHDDS | DHDDS |
| Q96HU8    | GTP-binding protein Di-Ras2 | DIRAS2 |
| Q9UBF4    | Dickkopf-related protein 3 | DKK3 |
| Q9UBL3    | Dickkopf-related protein 4 | DKK4 |
| Q9HTV6    | Diphthine methyltransferase | DPH7 |
| Q949OT7   | Dickkopf-related protein 1 | DKK1 |
| Q4G0W2    | Dual specificity phosphatase 28 | DUSP28 |
| P20800    | Endothelin-2 | EDN2 |
| P0C900    | Double homeobox protein 4-like protein 7 | DUX4L7 |
| Q75319    | RNA/RNP complex-1-interacting phosphatase | DUSP11 |
| A8MWY0    | Endosome/lysosome-associated apoptosis and autophagy regulator family member 2 | ELAPOR2 |
| Q6UXG2    | Endosome/lysosome-associated apoptosis and autophagy regulator 1 | ELAPOR1 |
| Q99814    | Endothelial PAS domain-containing protein 1 | EPAS1 |
| Q9H2F5    | Enhancer of polycomb homolog 1 | EPC1 |
| Q9HB65    | RNA polymerase II elongation factor ELL3 | ELL3 |
| Q00303    | Eukaryotic translation initiation factor 3 subunit F | EIF3F |
| Q17RN3    | Protein FAM98C | FAM98C |
| Q56NI9    | N-acetyltransferase ESCO2 | ESCO2 |
| P07992    | DNA excision repair protein ERCC-1 | ERCC1 |
| Q985S6    | Endoplasmic reticulum resident protein 44 | ERP44 |
| Q96Y67    | Protein FAM90A1 | FAM90A1 |
| Q92520    | Protein FAM3C | FAM3C |
| Q96CN4    | EVI5-like protein | EVI5L |
| Q9Y20M0   | Fanconi-associated nuclease 1 | FAN1 |
| Q59C92    | Protein FAM102A | FAM102A |
| Q96KR6    | Protein FAM210B, mitochondrial | FAM210B |
| Q7LSA3    | Protein FAM214B | FAM214B |
| Q4G0N7    | Protein FAM229B | FAM229B |
| Q60825    | 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 2 | PFKFB2 |
| Q99645    | Epiphycan | EPYC |
| Protein ID | Description |
|-----------|-------------|
| Q6P179 | Endoplasmic reticulum aminopeptidase 2 (ERAP2) |
| Q8N8J7 | Uncharacterized protein FAM241A (FAM241A) |
| Q09KZ9 | F-BAR domain only protein 2 (FCHO2) |
| Q0LGM5 | Fetuin-B (FETUB) |
| Q9UBX5 | Fibrinogen beta (FBLN5) |
| P49789 | Bis (FHIT) |
| P04066 | Tissue alpha-L-fucosidase (FUCA1) |
| Q510N5 | Formin-binding protein 1-like (FNBP1L) |
| P62685 | Endogenous retrovirus group K member 8 Gag polyprotein (ERVK-8) |
| Q9H3C7 | Gametogenetin-binding protein 2 (GGNB2P) |
| I3L273 | Golgi-associated olfactory signaling regulator (GFY) |
| Q14749 | Glycine N-methyltransferase (GNMT) |
| P01148 | Progonadoliberin-1 (GNRH1) |
| P47870 | Gamma-aminobutyric acid receptor subunit beta-2 (GABRB2) |
| P69098 | Glia maturation factor beta (GMFB) |
| Q55ZD4 | Glycine N-acetyltransferase-like protein 3 (GLYATL3) |
| Q2TAP0 | Golgin subfamily A member 7B (GOLGA7B) |
| Q99680 | G-protein coupled receptor 22 (GPR22) |
| Q9NRJ2 | Putative uncharacterized protein GSN-AS1 |
| Q43284 | Putative GTP-binding protein 6 (GTPBP6) |
| Q13442 | 28 kDa heat- and acid-stable phosphoprotein (PDAP1) |
| Q58FF8 | Putative heat shock protein HSP 90-beta 2 (HSP90AB2P) |
| P49639 | Homeobox protein Hox-A1 (HOXA1) |
| P01817 | Immunoglobulin heavy variable 2-5 (IGHV2-5) |
| P0DP04 | Immunoglobulin heavy variable 3-43D (IGHV3-43D) |
| P0DP06 | Immunoglobulin heavy variable 4-30-4 (IGHV4-30-4) |
| A0A0B4J1X5 | Immunoglobulin heavy variable 3-74 (IGHV3-74) |
| Q8WVY9 | Heterogeneous nuclear ribonucleoprotein L-like (HNRNPLL) |
| Q9NZL4 | Hsp70-binding protein 1 (HSPBP1) |
| Q8WIL3 | Iron-sulfur cluster co-chaperone protein HscB (HSCB) |
| P0C173 | Humanin-like 6 (MTRNR2L6) |
| O97980 | Minor histocompatibility protein HB-1 (HMHB1) |
| Q71H61 | Immunoglobulin-like domain-containing receptor 2 (ILDR2) |
| Q68921 | Insulin growth factor-like family member 4 (IGFL4) |
| P38919 | Eukaryotic initiation factor 4A-III (EIF4A3) |
| Q9NX55 | Huntingtin-interacting protein K (HYPK) |
| O00505 | Importin subunit alpha-4 (KPNA3) |
| Q5DT21 | Serine protease inhibitor Kazal-type 9 (SPINK9) |
| P15884 | Transcription factor 4 (TCF4) |
| A6NKM8 | Protein INSYN2B (INSYN2B) |
| Q9PG23 | Kelch-like protein 14 (KLLH14) |
| P51013 | Inhibin beta C chain (INHBC) |
| Q96804 | Kin of IRRE-like protein 1 (KIRREL1) |
| P78415 | Iroquois-class homeodomain protein IRX-3 (IRX3) |
| Q8NB78 | Lysine-specific histone demethylase 1B (KDM1B) |
| Q8NEP7 | Kelch domain-containing protein (KLCDC9) |
| P78508 | ATP-sensitive inward rectifier potassium channel 10 (KCNJ10) |
| Q07666 | KH domain-containing, RNA-binding, signal transduction-associated protein 1 | KHDRBS1 |
| Q9BYQ3 | Keratin-associated protein 9-3 | KRTAP9-3 |
| Q9NS86 | LanC-like protein 2 | LANCL2 |
| Q9BZL6 | Serine/threonine-protein kinase D2 | PRKD2 |
| Q05315 | Galectin-10 | CLC |
| Q81YG6 | Leucine-rich repeat-containing protein 56 | LRRC56 |
| Q8IUZ0 | Leucine-rich repeat-containing protein 49 | LRRC49 |
| Q86VH4 | Leucine-rich repeat transmembrane neuronal protein 4 | LRRTM4 |
| Q14520 | Aquaporin-7 | AQP7 |
| Q92AG2 | Aquaporin-3 | AQP3 |
| Q86WG3 | Cytaxin | ATCAY |
| Q9P1U1 | Actin-related protein 3B | ACTR3B |
| Q9H765 | Ankyrin repeat and SOCS box protein 8 | ASB8 |
| Q9NX76 | CKLF-like MARVEL transmembrane domain-containing protein 6 | CMTM6 |
| Q14028 | Cyclic nucleotide-gated cation channel beta-1 | CNGB1 |
| Q55YC1 | Cavesin-2 | CLVS2 |
| O43734 | E3 ubiquitin ligase TRAF3IP2 | TRAF3IP2 |
| Q7Z7G1 | Cytokine-dependent hematopoietic cell linker | CLNK |
| Q92905 | COP9 signalosome complex subunit 5 | COP5S |
| Q14993 | Collagen alpha-1 | COL19A1 |
| Q96A23 | Copine-4 | CPNE4 |
| P04118 | Colipase | CLPS |
| Q96N68 | Putative uncharacterized protein C18orf15 | C18orf15 |
| Q8N1L4 | Putative inactive cytochrome P450 family member 4Z2 | CYP4Z2P |
| Q8WTO0 | Protein DD1 homolog 1 | DD1 |
| Q95822 | Malonyl-CoA decarboxylase, mitochondrial | MLYCD |
| O43143 | Pre-mRNA-splicing factor ATP-dependent RNA helicase DHX15 | DHX15 |
| P15924 | Desmoplakin | DSP |
| Q81YX4 | Dead end protein homolog 1 | DND1 |
| Q9H3Z4 | DnaJ homolog subfamily C member 5 | DNAJC5 |
| P49917 | DNA ligase 4 | LIG4 |
| Q9UYP3 | Endoribonuclease Dicer | DICER1 |
| Q8NC7 | Diacylglycerol lipase-beta | DAGLB |
| Q9Y5T4 | DnaJ homolog subfamily C member 15 | DNAJC15 |
| Q9NVM6 | DnaJ homolog subfamily C member 17 | DNAJC17 |
| Q9UK85 | Dickkopf-like protein 1 | DKK1 |
| Q99956 | Dual specificity protein phosphatase 9 | DUSP9 |
| Q6UX65 | DNA damage-regulated autophagy modulator protein 2 | DRAM2 |
| Q96GO4 | Protein-lysine N-methyltransferase EEF2KMT | EEF2KMT |
| Q12967 | Ral guanine nucleotide dissociation stimulator | RALGDS |
| P42992 | Endothelin-converting enzyme 1 | ECE1 |
| Q93001 | Dystonin | DST |
| Q5VTE0 | Putative elongation factor 1-alpha-like 3 | EEF1A1P5 |
| ID     | Description                                           | Protein Name               |
|--------|-------------------------------------------------------|----------------------------|
| Q99527 | G-protein coupled estrogen receptor 1                | GPER1                      |
| Q9Y3R5 | Protein dopey-2                                       | DOP1B                      |
| P56851 | Epididymal secretory protein E3-beta                 | EDDM3B                     |
| Q9BXX0 | EMILIN-2                                              | EMILIN2                    |
| Q8N336 | ELMO domain-containing protein 1                     | ELMOD1                     |
| Q9UM22 | Mammalian ependymin-related protein 1                | EPDR1                      |
| Q96C92 | Endosome-associated-trafficking regulator 1          | ENTR1                      |
| Q8NC16 | Beta-galactosidase-1-like protein 3                   | GLB1L3                     |
| Q8TB36 | Ganglioside-induced differentiation-associated protein 1 | GDAP1                      |
| Q14549 | Homeobox protein GBX-1                               | GBX1                       |
| Q8WZA8 | Putative gastric cancer-related gene 224 protein      | GCRG224                    |
| Q95528 | Solute carrier family 2, facilitated glucose transporter member 10 | SLC2A10                    |
| Q8IXQ5 | Kelch-like protein 7                                 | KLHL7                      |
| Q9Y450 | HBS1-like protein                                     | HB51L                      |
| Q6FI13 | Histone H2A type 2-A                                  | H2AC1B                     |
| Q32CU0 | Protein GVQW3                                         | GVQW3                      |
| Q92993 | Histone acetyltransferase KAT5                       | KAT5                       |
| Q6WQT7 | Rhodopsin kinase GRK7                                | GRK7                       |
| P18401 | Histone H1.5                                         | H1-5                       |
| A8MV55 | Protein HIDE1                                        | HIDE1                      |
| Q96MB7 | Putative nuclease HARBI1                             | HARBI1                     |
| P12081 | HERV-H LTR-associating protein 1                      | HHLA1                      |
| Q5USP9 | Probable E3 ubiquitin-protein ligase HECTD2          | HECTD2                     |
| O43365 | Homeobox protein Hox-A3                              | HOXA3                      |
| Q00056 | Homeobox protein Hox-A4                              | HOXA4                      |
| A6NF8 | Hairy and enhancer of split-related protein HELT      | HELT                       |
| A0A0J9YXX 1 | Immunoglobulin heavy variable 5-10-1               | IGHV5-10-1                 |
| P01742 | Immunoglobulin heavy variable 1-69                   | IGHV1-69                   |
| A0A0B4J1X 8 | Immunoglobulin heavy variable 3-43              | IGHV3-43                   |
| P0DMV9 | Heat shock 70 kDa protein 1B                          | HSPA1B                     |
| P54868 | Hydroxymethylglutaryl-CoA synthase, mitochondrial    | HMGCS2                     |
| Q86SU0 | Immunoglobulin-like domain-containing receptor 1     | ILDR1                      |
| P05114 | Non-histone chromosomal protein HMG-14               | HMGN1                      |
| P13747 | HLA class I histocompatibility antigen, alpha chain E | HLA-E                      |
| P55010 | Eukaryotic translation initiation factor 5            | EIF5                       |
| Q9NZI8 | Insulin-like growth factor 2 mRNA-binding protein 1 | IGF2BP1                    |
| Q9POM4 | Interleukin-17C                                      | IL17C                      |
| O00629 | Importin subunit alpha-3                             | KPNAA4                     |
| Q6NXR0 | Interferon-inducible GTPase 5                        | IRGC                       |
| P60568 | Interleukin-2                                        | IL2                        |
| P0DOY3 | Immunoglobulin lambda constant 3                     | IGLC3                      |
| P05155 | Plasma protease C1 inhibitor                         | SERPING1                   |
| Q9NRM6 | Interleukin-17 receptor B                             | IL17RB                     |
| Q62MJ4 | Interleukin-34                                       | IL34                       |
| Accession  | Description                                                            | Ensembl ID |
|-----------|----------------------------------------------------------------------|------------|
| P24394    | Interleukin-4 receptor subunit alpha                                 | IL4R       |
| Q8WUF5    | RELA-associated inhibitor                                            | PPP1R13L   |
| Q96CN7    | Isochorismatase domain-containing protein 1                          | ISOC1      |
| Q96MA6    | Adenylate kinase 8                                                   | AK8        |
| O15397    | Importin-8                                                           | IPO8       |
| P08779    | Keratin, type I cytoskeletal 16                                       | KRT16      |
| Q9H160    | Inhibitor of growth protein 2                                         | ING2       |
| P26440    | Isovaleryl-CoA dehydrogenase, mitochondrial                          | IVD        |
| Q9UM21    | Alpha-1,3-mannosyl-glycoprotein 4-beta-N-acetylglucosaminyltransferase A | MGAT4A     |
| Q96M94    | Kelch-like protein 15                                                | KLHL15     |
| D3W0D1    | Killer cell lectin-like receptor subfamily F member 2               | KLRF2      |
| Q53RY4    | Keratinocyte-associated protein 3                                     | KRTCAP3    |
| Q6P47     | BTB/POZ domain-containing protein KCTD18                              | KCTD18     |
| Q76011    | Keratin, type I cuticular Ha4                                         | KRT34      |
| Q7Z5Y7    | BTB/POZ domain-containing protein KCTD20                               | KCTD20     |
| Q14721    | Potassium voltage-gated channel subfamily B member 1               | KCNB1      |
| Q63HM1    | Kynurenine formamidase                                               | AFMID      |
| Q81BQ9    | Protein kish-A                                                       | TMEM167A   |
| Q9NZV8    | Potassium voltage-gated channel subfamily D member 2               | KCND2      |
| Q9NXV2    | BTB/POZ domain-containing protein KCTD5                               | KCTD5      |
| Q53GT1    | Kelch-like protein 22                                                | KLHL22     |
| P41743    | Protein kinase C iota type                                           | PRKCI      |
| Q8NCW0    | Kremen protein 2                                                     | KREMEN2    |
| A0A0C4DH67| Immunoglobulin kappa variable 1-8                                    | IGKV1-8    |
| P13473    | Lysosome-associated membrane glycoprotein 2                          | LAMP2      |
| Q9NUJ1    | Palmitoyl-protein thioesterase ABHD10, mitochondrial                 | ABHD10     |
| P08173    | Muscarinic acetylcholine receptor M4                                  | CHRM4      |
| P46952    | 3-hydroxyanthranilate 3,4-dioxygenase                                 | HAAO       |
| P42684    | Tyrosine-protein kinase ABL2                                          | ABL2       |
| Q9NPC4    | Lactosylceramide 4-alpha-galactosyltransferase                       | A4GALT     |
| Q9UJX6    | Anaphase-promoting complex subunit 2                                 | ANAPC2     |
| Q9UPM8    | AP-4 complex subunit epsilon-1                                       | AP4E1      |
| Q8N4T4    | Rho guanine nucleotide exchange factor 39                            | ARHGEF39   |
| Q0P5N6    | ADP-ribosylation factor-like protein 16                               | ARL16      |
| Q8N6S5    | ADP-ribosylation factor-like protein 6-interacting protein 6         | ARL6IP6    |
| Q9Y2G4    | Ankyrin repeat domain-containing protein 6                           | ANKR6D     |
| P10398    | Serine/threonine-protein kinase A-Raf                                | ARAF       |
| Q5SQI0    | Alpha-tubulin N-acetyltransferase 1                                   | ATAT1      |
| Q8TDY4    | Arf-GAP with SH3 domain, ANK repeat and PH domain-containing protein 3 | ASAP3      |
| Q6ZVZ8    | Ankyrin repeat and SOCS box protein 18                                | ASB18      |
| Q3M40     | Coiled-coil domain-containing protein 144B                            | CCDC144B   |
| Q9NUP1 | Biogenesis of lysosome-related organelles complex 1 subunit 4 | BLOC1S4 |
| A6Q63 | Ankyrin repeat and BTB/POZ domain-containing protein 11 | BTBD11 |
| Q5TBC7 | Bcl-2-like protein 15 | BCL2L15 |
| P55061 | Bax inhibitor 1 | TMBIM6 |
| Q969J3 | BLOC-1-related complex subunit 5 | BORCS5 |
| Q9Y6D5 | Brefeldin A-inhibited guanine nucleotide-exchange protein 2 | ARFGF2 |
| Q3B7T3 | Protein BEAN1 | BEAN1 |
| Q9NPZ5 | Galactosylgalactosylsialylprotein 3-beta-glucuronosyltransferase 2 | B3GAT2 |
| Q95429 | BAG family molecular chaperone regulator 4 | BAG4 |
| Q16520 | Basic leucine zipper transcriptional factor ATF-like | BATF |
| P6881 | Calcitonin gene-related peptide 1 | CALCA |
| Q9P2K1 | Coiled-coil and C2 domain-containing protein 2A | CC2D2A |
| Q9ULV8 | E3 ubiquitin-protein ligase CBL-C | CBLC |
| Q9UK00 | Uncharacterized protein C3orf18 | C3orf18 |
| P13994 | Coiled-coil domain-containing protein 130 | CCDC130 |
| Q8NCU1 | Uncharacterized protein CCDC197 | CCDC197 |
| Q7Z3E2 | Coiled-coil domain-containing protein 186 | CCDC186 |
| Q8NDL9 | Cytosolic carboxypeptidase-like protein S | AGLB5 |
| P09918 | Carbonic anhydrase 2 | CA2 |
| P13501 | C-C motif chemokine 5 | CCL5 |
| Q552D1 | Uncharacterized protein C6orf141 | C6orf141 |
| Q8IWX8 | Calcium homeostasis endoplasmic reticulum protein | CHERP |
| Q03701 | CCAAT/enhancer-binding protein zeta | CEBPZ |
| P16070 | CD44 antigen | CD44 |
| Q61604 | 10 kDa heat shock protein, mitochondrial | HSPCE1 |
| Q8N9P6 | Uncharacterized protein C9orf163 | C9orf163 |
| Q9P2D1 | Chromodomain-helicase-DNA-binding protein 7 | CHD7 |
| Q8TDX6 | Chondroitin sulfate N-acetylgalactosaminytransferase 1 | CSGLNAC1 |
| Q96MD7 | Uncharacterized protein C9orf85 | C9orf85 |
| Q5T5M9 | Cyclin-J | CCNJ |
| Q5T5N4 | Uncharacterized protein C6orf118 | C6orf118 |
| Q8IU89 | Ceramide synthase 3 | CERS3 |
| C9JX5 | Uncharacterized protein C11orf94 | C11orf94 |
| B7Z368 | Uncharacterized protein encoded by LINCO2881 | LINCO2881 |
| Q03692 | Collagen alpha-1 | COL10A1 |
| Q6PW8 | Consortin | CNST |
| Q9UQC9 | Calcium-activated chloride channel regulator 2 | CLCA2 |
| O14967 | Calmegin | CLGN |
| P54107 | Cysteine-rich secretory protein 1 | CRISP1 |
| Q98ZB8 | Cytoplasmic polyadenylation element-binding protein 1 | CPEB1 |
| P13584 | Cytochrome P450 4B1 | CYP4B1 |
| O14910 | Complexin-1 | CPLX1 |
| Q9H6X5 | Uncharacterized protein C19orf44 | C19orf44 |
| C9J6K1 | Putative uncharacterized protein C19orf81 | C19orf81 |
| Q6ZPD9 | Probable C-mannosyltransferase DYPY19L3 | DYPY19L3 |
| P50461 | Cysteine and glycine-rich protein | CSRPR3 |
| Q8N104 | Beta-defensin 106 | DEFB106A |
| PDB Accession | Short Name | Long Name |
|--------------|------------|-----------|
| A0A1B0GTR7   | Uncharacterized protein CXorf51A | CXorf51A |
| P0DPA3       | Beta-defensin 130B | DEF8130B |
| Q9HHG7       | CUE domain-containing protein 2 | CUEDC2 |
| Q8WYQ4       | Uncharacterized protein C22orf15 | C22orf15 |
| Q9HQC0       | CYFIP-related Rac1 interactor A | CYRIA |
| Q96SD1       | Protein artemis | DCLRE1C |
| A2RUS2       | DENN domain-containing protein 3 | DENND3 |
| Q9Y6V7       | Probable ATP-dependent RNA helicase DDX49 | DDX49 |
| Q8IZD4       | mRNA-decapping enzyme 1B | DCP1B |
| P80365       | Corticosteroid 11-beta-dehydrogenase isozyme 2 | HSD11B2 |
| P37059       | 17-beta-hydroxysteroid dehydrogenase type 2 | HSD17B2 |
| P51659       | Peroxisomal multifunctional enzyme type 2 | HSD17B4 |
| Q9H7J4       | Elongation of very long chain fatty acids protein 6 | ELOVL6 |
| Q58M3        | ER membrane protein complex subunit 4 | EMC4 |
| P06733       | Alpha-enolase | ENO1 |
| Q9UHY7       | Enolase-phosphatase E1 | ENOPH1 |
| Q9688        | Epithelial-stromal interaction protein 1 | EPSTI1 |
| Q5X992       | Carboxylesterase 4A | CES4A |
| Q96K12       | Fatty acyl-CoA reductase 2 | FAR2 |
| Q19063       | ERC protein 2 | ERC2 |
| P62495       | Eukaryotic peptide chain release factor subunit 1 | ERF1 |
| Q05397       | Focal adhesion kinase 1 | PTK2 |
| P50548       | ETS domain-containing transcription factor ERF | ERF |
| Q6P874       | Acylpyruvase FAHD1, mitochondrial | FAHD1 |
| Q96UY5       | Protein FAM83A | FAM83A |
| P22794       | Protein EVI2A | EVI2A |
| Q3QC93       | Membrane protein FAM174B | FAM174B |
| Q8N128       | Protein FAM177A1 | FAM177A1 |
| Q95571       | Persulfide dioxygenase ETHE1, mitochondrial | ETHE1 |
| Q49ADJ       | Protein FAM135B | FAM135B |
| Q9IC7        | Putative protein FAM157A | FAM157A |
| Q8N7L0       | Protein FAM216B | FAM216B |
| A0A1B0GVR7   | Protein FAM240C | FAM240C |
| O6O774       | Putative dimethylamine monoxygenase | FMO6P |
| Q96DP5       | Methionyl-tRNA formyltransferase, mitochondrial | MTFMT |
| Q6B8A4       | Fc receptor-like B | FCRLB |
| Q96AY3       | Peptidyl-prolyl cis-trans isomerase FKBP10 | FKBP10 |
| Q5T1M5       | FK506-binding protein 15 | FKBP15 |
| Q8NW63       | L-fucosyl kinase | FCX5 |
| Q726M2       | F-box only protein 33 | FBXO33 |
| Q96C11       | FGGY carbohydrate kinase domain-containing protein | FGGY |
| Q96CQ4       | Protein FRG2-like-1 | FRG2B |
| Q5NUL3       | Free fatty acid receptor 4 | FFAR4 |
| Q9UQC2       | GRB2-associated-binding protein 2 | GAB2 |
| Q98TY2       | Plasma alpha-L-fucosidase | FUC2A |
| Q9Y2L6       | FERM domain-containing protein 4B | FRMD4B |
| Q8N292       | Protein GAPT | GAPT |
| Q12841       | Follistatin-related protein 1 | FST11 |
| Accession | Description |
|-----------|-------------|
| Q0VG06    | Fanconi anemia core complex-associated protein 100 (FAAP100) |
| P85037    | Forkhead box protein K1 (FOXK1) |
| A8MWKO    | Putative fatty acid desaturase 2-like protein (FADS2B) |
| Q9H4G4    | Golgi-associated plant pathogenesis-related protein 1 (GLIPR2) |
| Q9H936    | Mitochondrial glutamate carrier 1 (SLC25A22) |
| Q8TF65    | PDZ domain-containing protein (GIPC2) |
| Q8WU67    | Phospholipase (ABHD3) |
| P11230    | Acetylcholine receptor subunit beta (CHRN1B) |
| Q6ZS25    | Rho guanine nucleotide exchange factor 18 (ARHGFE18) |
| O14497    | AT-rich interactive domain-containing protein 1A (ARID1A) |
| P28838    | Cytosol aminopeptidase (LAP3) |
| Q8NB49    | Phospholipid-transporting ATPase IG (ATP11C) |
| Q9Y2G3    | Probable phospholipid-transporting ATPase IF (ATP11B) |
| P11245    | Arylamine N-acetyltransferase 2 (NAT2) |
| Q9H1Y0    | Autophagy protein 5 (ATG5) |
| Q8WUW1    | Protein BRICK1 (BRK1) |
| Q95393    | Bone morphogenetic protein 10 (BMP10) |
| Q9HCU9    | Breast cancer metastasis-suppressor 1 (BRMS1) |
| Q99RD0    | BUD13 homolog (BUD13) |
| Q9H4O1    | Cdc42 effector protein 4 (CDC42EP4) |
| Q9UK2     | Cdc42 effector protein 3 (CDC42EP3) |
| Q6O909    | Beta-1,4-galactosyltransferase 2 (B4GALT2) |
| P62952    | Bladder cancer-associated protein (BLCA) |
| Q7Z5W3    | RNA 5'-monophosphate methyltransferase (BCDIN3D) |
| Q98ZR8    | Apoptosis facilitator Bcl-2-like protein 14 (BCL2L14) |
| Q96GS4    | BLOC-1-related complex subunit 6 (BORCS6) |
| Q9BYG0    | Lactosylceramide 1,3-N-acetyl-beta-D-glucosaminyltransferase (B3GNT5) |
| Q9H8M2    | Bromodomain-containing protein 9 (BRD9) |
| Q13072    | B melanoma antigen 1 (BAGE) |
| Q8NHY0    | Beta-1,4 N-acetylgalactosaminyltransferase 2 (B4GALT2) |
| Q7Z5L3    | Complement C1q-like protein 2 (C1QL2) |
| P05814    | Beta-casein (CSN2) |
| Q8WV48    | Coiled-coil domain-containing protein 107 (CCDC107) |
| Q6ZN84    | Coiled-coil domain-containing protein 81 (CCDC81) |
| Q8N350    | Voltage-dependent calcium channel beta subunit-associated regulatory protein (CBARP) |
| P45973    | Chromosome platelet homolog 5 (CBX5) |
| P22362    | C-C motif chemokine 1 (CCL1) |
| Q6UY09    | Carinoembryonic antigen-related cell adhesion molecule 20 (CEACAM20) |
| Q16663    | C-C motif chemokine 15 (CCL15) |
| Q5VT06    | Centrosome-associated protein 350 (CEP350) |
| Q9UQN3    | Charged multivesicular body protein 2b (CHMP2B) |
| P0DO97    | Coiled-coil domain-containing protein 192 (CCDC192) |
| P52757    | Beta-chimaerin (CHN2) |
| P51685    | C-C chemokine receptor type 8 (CCR8) |
| Q9P209    | Centrosomal protein of 72 kDa (CEP72) |
| P11912 | B-cell antigen receptor complex-associated protein alpha chain | CD79A |
|-------|-------------------------------------------------------------------------------------------------|-------|
| Q6ZMG9 | Ceramide synthase 6 | CERS6 |
| Q9GZU0 | Uncharacterized protein C6orf62 | C6orf62 |
| Q99618 | Cell division cycle-associated protein 3 | CDC3 |
| Q00537 | Cyclin-dependent kinase 17 | CDK17 |
| Q6P9H4 | Connector enhancer of kinase suppressor of ras 3 | CNKR3 |
| Q14050 | Collagen alpha-3 | COL9A3 |
| Q727K6 | Centromere protein V | CENPV |
| P20849 | Collagen alpha-1 | COL9A1 |
| Q5TJ3  | Cytochrome c oxidase assembly factor 6 homolog | COA6 |
| Q9NZ45 | CDGSH iron-sulfur domain-containing protein 1 | CISD1 |
| Q8N769 | Uncharacterized protein C14orf178 | C14orf178 |
| Q9NWQ9 | Uncharacterized protein C14orf119 | C14orf119 |
| Q8N1G2 | Cap-specific mRNA | CMTR1 |
| Q9H972 | Uncharacterized protein C14orf93 | C14orf93 |
| Q9YJ2  | Uncharacterized protein C10orf67, mitochondrial | C10orf67 |
| Q9EA1  | Clusterin-associated protein 1 | CLUAP1 |
| Q8YA6  | Cytoskeleton-associated protein 2-like | CKAP2L |
| P53675 | Clathrin heavy chain 2 | CLTCL1 |
| Q9BW66 | Cyclin-dependent kinase 2-interacting protein | CINP |
| P82279 | Protein crumbs homolog 1 | CRB1 |
| Q9UVQ3 | Coronin-2B | CORO2B |
| P31327 | Carbamoyl-phosphate synthase | CPS1 |
| Q96Q9  | Cytochrome P450 25S1 | CYP25S1 |
| P76316 | Gamma-crystallin B | CRYGB |
| P25111 | Alpha-crystallin B chain | CRYAB |
| P46109 | Crk-like protein | CRKL |
| P0CG13 | Chromosome transmission fidelity protein 5 homolog | CHTF8 |
| Q9GZU7 | Carboxy-terminal domain RNA polymerase II polypeptide A small phosphatase 1 | CTDSP1 |
| Q9ERT6 | cTAGE family member 2 | CTAGE1 |
| Q9NF K1 | Gap junction gamma-3 protein | GJC3 |
| Q9H8E8 | Cysteine-rich protein 2-binding protein | KAT14 |
| Q9Y6G9 | Cytoplasmic dynein 1 light intermediate chain 1 | DYNC1LI1 |
| Q9BTE7 | DCN1-like protein 5 | DCUN1D5 |
| Q8Y21  | Probable ATP-dependent RNA helicase DDX60 | DDX60 |
| Q8WZX8 | DNA-binding death effector domain-containing protein 2 | DEDD2 |
| Q9NP16 | mRNA-decapping enzyme 1A | DCP1A |
| Q6N90  | Beta-defensin 119 | DEF119 |
| Q92771 | Putative ATP-dependent RNA helicase DDX12 | DDX12P |
| Q9UI46 | Dynein intermediate chain 1, axonemal | DNAI1 |
| P06340 | HLA class II histocompatibility antigen, DO alpha chain | HLA-DOA |
| Q9NSV4 | Protein diaphanous homolog 3 | DIAPH3 |
| Q05329 | Glutamate decarboxylase 2 | GAD2 |
| Q07T7M9 | Divergent protein kinase domain 1A | DIPK1A |
| Q9N1I0 | Dedicator of cytokinesis protein 4 | DOCK4 |
| Q95886 | Disks large-associated protein 3 | DLAGP3 |
| P59022 | Down syndrome critical region protein 10 | DSCR10 |
| Accession | Name                                                                 | Description                                                                 |
|-----------|----------------------------------------------------------------------|----------------------------------------------------------------------------|
| Q0VDD8    | Dynactin heavy chain 14, axonemal                                    | DNAH14                                                                     |
| Q15054    | DNA polymerase delta subunit 3                                       | POLD3                                                                      |
| Q8NBQ3    | Endonuclease V                                                        | ENDOV                                                                      |
| Q15370    | Elongin-B                                                             | ELOB                                                                       |
| Q8N140    | ENSP0–interacting inhibitor of differentiation 3                      | EID3                                                                       |
| Q96AZ1    | EEF1A lysine methyltransferase 3                                      | EEF1AKMT                                                                  |
| Q8WVE0    | EEF1A lysine methyltransferase 1                                      | EEF1AKMT                                                                  |
| P11308    | Transcriptional regulator ERG                                         | ERG                                                                        |
| O60667    | Fas apoptotic inhibitory molecule 3                                   | FCMR                                                                      |
| P84090    | Enhancer of rudimentary homolog                                       | ERH                                                                        |
| P34910    | Protein EVI2B                                                         | EVI2B                                                                      |
| Q6P995    | Protein FAM171B                                                       | FAM171B                                                                    |
| Q5XKR9    | Protein FAM104B                                                       | FAM104B                                                                    |
| Q9BYF3    | Protein FAM110B                                                       | FAM110B                                                                    |
| Q9H098    | Protein FAM107B                                                       | FAM107B                                                                    |
| Q7L775    | EPM2A–interacting protein 1                                           | EPM2AIP1                                                                  |
| Q8HYM0    | Protein FAM186B                                                       | FAM186B                                                                    |
| O32MH5    | Protein FAM214A                                                       | FAM214A                                                                    |
| A0A1BOG     | Exocyst complex component 1-like                                      | EXOC1L                                                                    |
| P14921    | Protein C–ets-1                                                      | ETS1                                                                       |
| B1ALB8    | Transmembrane protein                                                | FAM155A                                                                    |
| Q96ND0    | Protein FAM210A                                                      | FAM210A                                                                    |
| Q9Y5M1    | Uncharacterized protein FAM215A                                       | FAM215A                                                                    |
| Q9UHL3    | Protein FAM153A                                                      | FAM153A                                                                    |
| Q12929    | Epidermal growth factor receptor kinase substrate 8                   | EPS8                                                                       |
| Q9Y6X4    | Soluble lamin–associated protein of 75 kDa                            | FAM169A                                                                    |
| A0A1BOG     | Protein FAM237B                                                      | FAM237B                                                                    |
| O00167    | Eyes absent homolog 2                                                | EYA2                                                                       |
| Q9NYL4    | Peptidyl–prolyl cis–trans isomerase FKBP11                             | FKBP11                                                                     |
| Q969P5    | F-box only protein 32                                                 | FBXO32                                                                      |
| Q8NCO5    | F-box only protein 15                                                 | FBXO15                                                                      |
| Q9UK97    | F-box only protein 9                                                  | FBXO9                                                                       |
| Q8NA97    | Putative uncharacterized protein FER1L6–AS1                           | FER1L6–AS1                                                                 |
| Q969F0    | Fetal and adult testis–expressed transcript protein                    | FATE1                                                                      |
| Q6OHK4    | Factor in the germline alpha                                          | FIGLA                                                                      |
| P36980    | Complement factor H–related protein 2                                | CFHR2                                                                      |
| Q9NRK6    | ATP–binding cassette sub–family B member 10, mitochondrial           | ABCB10                                                                     |
| P08910    | Monoacylglycerol lipase ABHD2                                         | ABHD2                                                                      |
| P49902    | Cytosolic purine 5'–nucleotidase NT5C2                                 | NT5C2                                                                      |
| P34969    | 5-hydroxytryptamine receptor 7                                        | HTR7                                                                       |
| Q9NY89    | Abl interactor 2                                                      | ABI2                                                                       |
| P55263    | Adenosine kinase                                                      | ADK                                                                        |
| Q6O27     | ALS family C–terminal–like protein                                    | ALS2CL                                                                     |
| Q0240D    | A–kinase anchor protein 17A                                            | AKAP17A                                                                    |
| P55789    | FAD–linked sulfhydryl oxidase ALR                                      | GFER                                                                        |
| Q9HR63    | Acyl–CoA synthetase short–chain family member 3, mitochondrial        | ACS5                                                                        |
| Q8VV93    | AFG1–like ATPase                                                     | AFG1L                                                                      |
| A1AB54    | Anoctamin–9                                                          | ANO9                                                                       |
| Q9BS18    | Anaphase–promoting complex subunit 13                                 | ANAPC13                                                                    |
| Q96LA8    | Protein arginine N–methyltransferase 6                                | PRMT6                                                                      |
| Q6UX39    | Amelotin                                                              | AMTN                                                                       |
| A6NJG6    | Arginine–fifty homeobox                                               | ARGFX                                                                      |
| Q9UK9    | Angiopoietin–related protein 2                                        | ANGPT2                                                                     |
| Q9NN5    | Rho guanine nucleotide exchange factor 12                             | ARHGEF12                                                                   |
| O60306    | RNA helicase aquarius                                                | AQR                                                                         |
| Q15052 | Rho guanine nucleotide exchange factor 6 | ARHGEF6 |
| Q8IWZ3 | Ankyrin repeat and KH domain-containing protein 1 | ANKH1 |
| Q5U4P2 | Aspartate beta-hydroxylase domain-containing protein 1 | ASPH1 |
| Q12797 | Aspartyl/asparaginyl beta-hydroxylase | ASPH |
| P61158 | Actin-related protein 3 | ACTR3 |
| Q98SF8 | BTB/POZ domain-containing protein 10 | BTBD10 |
| P55201 | Peregrin | BRPF1 |
| Q68D86 | Coiled-coil domain-containing protein 102B | CCDC102B |
| Q72465 | Bcl-2/adenovirus E1B 19 kDa-interacting protein 2-like protein | BNIPL |
| Q96G37 | Seipin | BSCL2 |
| Q96Q91 | Anion exchange protein 4 | SLC4A9 |
| A0A1B0GUI7 | Putative uncharacterized protein | BRD3OS |
| A1A5D9 | BICD family-like cargo adapter 2 | BICDL2 |
| Q8NA47 | Coiled-coil domain-containing protein 63 | CCDC63 |
| Q14790 | Caspase-8 | CASP8 |
| Q96AQ1 | Coiled-coil domain-containing protein 74A | CCDC74A |
| Q81YE1 | Coiled-coil domain-containing protein 13 | CCDC13 |
| Q5IOX4 | Uncharacterized protein C6orf226 | C6orf226 |
| Q00XQ8 | Carboxypeptidase A5 | CPA5 |
| Q5SW79 | Centrosomal protein of 170 kDa | CEP170 |
| Q01850 | Cerebellar degeneration-related protein 2 | CDR2 |
| P04234 | T-cell surface glycoprotein CD3 delta chain | CD3D |
| P11049 | Leukocyte antigen CD37 | CD37 |
| Q58N46 | UPF0691 protein C9orf116 | C9orf116 |
| Q6NVV7 | Cysteine-rich DPF motif domain-containing protein 1 | CDPF1 |
| P86790 | Vacular fusion protein CC21 homolog B | CCZ1B |
| O00311 | Cell division cycle 7-related protein kinase | CDC7 |
| Q6UXA7 | Uncharacterized protein C6orf15 | C6orf15 |
| P34810 | Macrolasin | CD68 |
| P21127 | Cyclin-dependent kinase 11B | CDK11B |
| Q2KHT3 | Protein CLEC16A | CLEC16A |
| O95389 | Cellular communication network factor 6 | CCN6 |
| Q8N587 | Ceramide synthase 5 | CERS5 |
| G3V211 | Uncharacterized protein encoded by LINC01619 | LINC01619 |
| H3BRN8 | Uncharacterized protein C15orf65 | C15orf65 |
| Q75956 | C-type lectin domain family 3 member A | CLEC3A |
| P04632 | Calpain small subunit 1 | CAPNS1 |
| A0A1W2PP1 | Cytoplasmic polyadenylated homeobox-like | CPHXL |
| Q43405 | Cochlin | COCH |
| Q98BP3 | Putative uncharacterized protein encoded by LINC00470 | LINC00470 |
| Q9HCS2 | Cytochrome P450 4F12 | CYP4F12 |
| Q6QEF8 | Coronin-6 | CORO6 |
| Q9UJA2 | Cardiolipin synthase | CRLS1 |
| P24310 | Cytochrome c oxidase subunit 7A1, mitochondrial | COX7A1 |
| P60606 | Cortxin-1 | CTXN1 |
| Q8NL51 | Transcriptional repressor CTCFL | CTCFL |
| Q9HB71 | Calcin-binding protein | CACYBP |
| ID       | Description                                                                                    | Gene Symbol |
|----------|-----------------------------------------------------------------------------------------------|-------------|
| O75712   | Gap junction beta-3 protein                                                                       | GJB3        |
| Q8NBJ2   | Cytochrome b ascorbate-dependent protein 3                                                          | CYB561A3    |
| Q5W188   | Putative cystatin-9-like protein                                                                  | CST9LP1     |
| Q99567   | Uncharacterized protein C22orf31                                                                  | C22orf31    |
| Q92466   | DNA damage-binding protein 2                                                                       | DDB2        |
| O15075   | Serine/threonine-protein kinase DCLK1                                                              | DCLK1       |
| Q66K64   | DDB1- and CUL4-associated factor 15                                                                | DCAF15      |
| Q727B8   | Beta-defensin 128                                                                                | DEF8128     |
| O15263   | Beta-defensin 4A                                                                                  | DEF84A      |
| Q08Z11   | ATP-dependent RNA helicase A                                                                       | DHX9        |
| P31689   | DNAJ homolog subfamily A member 1                                                                  | DNAJA1      |
| Q68CQ4   | Digestive organ expansion factor homolog                                                           | DEXF        |
| Q13609   | Deoxyribonucleoside gamma                                                                          | DNASE1L3    |
| Q99R61   | Delta-like protein 4                                                                               | DLL4        |
| Q14689   | Disco-interacting protein 2                                                                       | DIP2A       |
| Q96SL1   | Solute carrier family 49 member 4                                                                  | SLC49A4     |
| Q9Y2E6   | E3 ubiquitin-protein ligase DTX4                                                                   | DTX4        |
| Q8WWZ3   | Ectodysplasin-A receptor-associated adapter protein                                                 | EDARADD     |
| Q96G46   | tRNA-dihydroidin                                                                                  | DUS3L       |
| Q13347   | Eukaryotic translation initiation factor 3 subunit 1                                                | EIF3I       |
| O42043   | Endogenous retrovirus group K member 18 Env polyprotein                                              | ERVK-18     |
| Q06889   | Early growth response protein 3                                                                     | EGR3        |
| Q81E69   | Protein EOLA1                                                                                      | EOLA1       |
| Q01844   | RNA-binding protein EWS                                                                           | EWSR1       |
| Q6NXG1   | Epithelial splicing regulatory protein 1                                                           | ESRP1       |
| Q86US8   | Telomerase-binding protein EST1A                                                                    | SMG6        |
| Q60427   | Acyl-CoA                                                                                           | FADS1       |
| A6NE21   | Putative protein FAM90A18P/FAM90A19P                                                               | FAM90A18P   |
| A6NUQ4   | Putative protein FAM90A8P                                                                          | FAM90A8P    |
| Q9Y256   | CAAX prenyl protease 2                                                                             | RCE1        |
| Q7L5A8   | Fatty acid 2-hydroxylase                                                                           | FA2H        |
| Q14320   | Protein FAM50A                                                                                      | FAM50A      |
| Q05DH4   | Protein FAM160A1                                                                                   | FAM160A1    |
| Q5JRC9   | Protein FAM47A                                                                                      | FAM47A      |
| Q16875   | 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 3                                            | PFKFB3      |
| Q5T7N8   | Protein FAM27D1                                                                                    | FAM27D1     |
| Q08E93   | Protein FAM27E3                                                                                    | FAM27E3     |
| Q98QL6   | Fermitin family homolog 1                                                                          | FERMT1      |
| Q6X9E4   | F-box/WD repeat-containing protein 12                                                                | FBXW12      |
| Q9H4M3   | F-box only protein 44                                                                              | FBXO44      |
| Q5VTH2   | Protein Flattop                                                                                    | CFAP126     |
| Q8N4B4   | F-box only protein 39                                                                               | FBXO39      |
| Q14296   | Fas-activated serine/threonine kinase                                                               | FASTK       |
| P20930   | Filaggrin                                                                                          | FLG         |
| Q969U6   | F-box/WD repeat-containing protein 5                                                                 | FBXW5       |
| Q9UHY8   | Fasciculation and elongation protein zeta-2                                                        | FEZ2        |
| P61328   | Fibroblast growth factor 12                                                                        | FGF12       |
| Q9H5Q3   | Galactose-3-O-sulfotransferase 2                                                                     | GAL3512     |
| Q99501   | GAS2-like protein 1                                                                                | GAS2L1      |
| P02794   | Ferritin heavy chain                                                                               | FTH1        |
| Q8N4E7   | Ferritin, mitochondrial                                                                            | FTMT        |
| Accession | Description                                                      | Accession | Description                                                      |
|-----------|-----------------------------------------------------------------|-----------|-----------------------------------------------------------------|
| Q8N1E6    | F-box/LRR-repeat protein 14                                      | FBXL14    | F-box/LRR-repeat protein 19                                      |
| Q6PCT2    | F-box/LRR-repeat protein 19                                      | FBXL19    | F-box/LRR-repeat protein 2                                       |
| Q5WV55    | FYN-binding protein 2                                            | Fyb2      | FYN-binding protein 2                                            |
| Q8WYK0    | Acetyl-coenzyme A thioesterase                                  | ACOT12    | Acetyl-coenzyme A thioesterase                                  |
| P02783    | Alpha-1-acid glycoprotein 1                                     | ORM1      | Alpha-1-acid glycoprotein 1                                     |
| Q5VUR7    | Putative ankyrin repeat domain-containing protein 20A3          | ANKRD20A3 | Putative ankyrin repeat domain-containing protein 20A3          |
| Q15027    | Arf-GAP with coiled-coil, ANK repeat and PH domain-containing    | ACAP1     | Arf-GAP with coiled-coil, ANK repeat and PH domain-containing    |
| Q9BZC7    | ATP-binding cassette sub-family A member 2                      | ABCA2     | ATP-binding cassette sub-family A member 2                      |
| Q8WXI4    | Acyl-coenzyme A thioesterase 11                                 | ACOT11    | Acyl-coenzyme A thioesterase 11                                 |
| Q9H222    | ATP-binding cassette sub-family G member 5                      | ABCG5     | ATP-binding cassette sub-family G member 5                      |
| Q99424    | Peroxosomal acetyl-coenzyme A oxidase 2                         | ACOX2     | Peroxosomal acetyl-coenzyme A oxidase 2                         |
| Q9UM73    | ALK tyrosine kinase receptor                                     | ALK       | ALK tyrosine kinase receptor                                     |
| Q8NB90    | ATPase family protein 2 homolog                                 | SPATA5    | ATPase family protein 2 homolog                                 |
| Q16186    | Proteasomal ubiquitin receptor                                  | ADRM1     | Proteasomal ubiquitin receptor                                  |
| Q07075    | Glutamyl aminopeptidase                                         | ENPEP     | Glutamyl aminopeptidase                                         |
| Q5KV41    | Rho guanine nucleotide exchange factor 16                       | ARHGEF16  | Rho guanine nucleotide exchange factor 16                       |
| E9PG2     | Anomalous homeobox protein                                       | ANHX      | Anomalous homeobox protein                                       |
| P05090    | Apolipoprotein D                                                | APOD      | Apolipoprotein D                                                |
| A6NKF2    | AT-rich interactive domain-containing protein 3C                | ARID3C    | AT-rich interactive domain-containing protein 3C                |
| Q8N957    | Ankyrin repeat and fibronectin type-III domain-containing protein 1 | ANKF1N   | Ankyrin repeat and fibronectin type-III domain-containing protein 1 |
| Q03989    | AT-rich interactive domain-containing protein 5A                | ARID5A    | AT-rich interactive domain-containing protein 5A                |
| Q8WXI3    | Ankyrin repeat and SOCS box protein 10                          | ASB10     | Ankyrin repeat and SOCS box protein 10                          |
| Q96LR7    | Uncharacterized protein C2orf50                                 | C2orf50   | Uncharacterized protein C2orf50                                 |
| A6H8Y1    | Transcription factor TFIIIB component B" homolog               | BDP1      | Transcription factor TFIIIB component B" homolog               |
| Q9XL7     | Caspase recruitment domain-containing protein 11                | CARD11    | Caspase recruitment domain-containing protein 11                |
| Q75155    | Cullin-associated NEDD8-associated protein 2                    | CAND2     | Cullin-associated NEDD8-associated protein 2                    |
| Q2N15X9   | URF0561 protein C2orf68                                          | C2orf68   | URF0561 protein C2orf68                                          |
| Q13137    | Calcium-binding and coiled-coil domain-containing protein 2     | CALCOCO2  | Calcium-binding and coiled-coil domain-containing protein 2     |
| P33151    | Cadherin-5                                                      | CDH5      | Cadherin-5                                                      |
| Q9YF5     | Centrosomal protein of 170 kDa protein B                         | CEP170B   | Centrosomal protein of 170 kDa protein B                         |
| Q9R55     | Calcium-binding protein 39-like                                 | CAB39L    | Calcium-binding protein 39-like                                 |
| P07376    | Complement C1r subcomponent                                     | C1R       | Complement C1r subcomponent                                     |
| Q9B5X9    | Complement C1q tumor necrosis factor-related protein 6          | C1QTF6    | Complement C1q tumor necrosis factor-related protein 6          |
| Q6F58     | Capping protein, Arp2/3 and myosin-I linker protein 2            | CARMIL2   | Capping protein, Arp2/3 and myosin-I linker protein 2            |
| P22748    | Carbonic anhydrase 4                                             | CA4       | Carbonic anhydrase 4                                             |
| P06307    | Choleystokmin                                                   | CCK       | Choleystokmin                                                   |
| H3BU77    | Coiled-coil domain-containing protein 179                       | CCDC179   | Coiled-coil domain-containing protein 179                       |
| Q6P656    | Cilia- and flagella-associated protein 161                      | CFAP161   | Cilia- and flagella-associated protein 161                      |
| Q8NCU4    | Coiled-coil domain-containing protein 191                       | CCDC191   | Coiled-coil domain-containing protein 191                       |
| A8MTT3    | Protein CEBPZOS                                                  | CEBPZOS   | Protein CEBPZOS                                                  |
| Q9UL16    | Cilia- and flagella-associated protein 45                       | CFAP45    | Cilia- and flagella-associated protein 45                       |
| Q9BZP6    | Acidic mammalian chitinase                                       | CHIA      | Acidic mammalian chitinase                                       |
| P0730     | T-cell surface glycoprotein CD4                                  | CD4       | T-cell surface glycoprotein CD4                                  |
| P07766    | T-cell surface glycoprotein CD3 epsilon chain                   | CD3E      | T-cell surface glycoprotein CD3 epsilon chain                   |
| Accession | Protein Name | Description |
|-----------|--------------|-------------|
| Q96NL8    | Protein C8orf37 | C8orf37 |
| O75794    | Cell division cycle protein 123 homolog | CDC123 |
| P07199    | Major centromere autoantigen B | CCNB1 |
| Q60563    | Cyclin-T1 | CCNT1 |
| O75909    | Lamin-K | CCNB1 |
| Q9Y2V2    | Calcium-regulated heat-stable protein 1 | CARHSP1 |
| P13942    | Collagen alpha-2 | COL11A2 |
| Q8WXQ3    | Putative uncharacterized protein encoded by LINC01599 | LINC01599 |
| P02461    | Collagen alpha-1 | COL3A1 |
| E9PRG8    | Uncharacterized protein C11orf98 | C11orf98 |
| P61024    | Cyclin-dependent kinases regulatory subunit 1 | CKS1B |
| O96005    | Cleft lip and palate transmembrane protein 1 | CLPTM1 |
| Q96KH6    | Uncharacterized protein C18orf12 | C18orf12 |
| Q92523    | Carnitine O-palmitoyltransferase 1, muscle isoform | CPT1B |
| A8K830    | Colorectal cancer-associated protein 2 | COLCA2 |
| P24468    | COUP transcription factor 2 | NR2F2 |
| Q9HC73    | Cytokine receptor-like factor 2 | CRLF2 |
| Q5BKX5    | UPF0692 protein C19orf54 | C19orf54 |
| Q81CD1    | UPF0729 protein C18orf32 | C18orf32 |
| P22914    | Gamma-crystallin S | CRYGS |
| Q6UVK1    | Chondroitin sulfate proteoglycan | CSPG4 |
| Q7Z7A3    | Cytoplasmic tRNA 2-thiolation protein 1 | CTU1 |
| Q2NK38    | CST complex subunit CTC1 | CTC1 |
| Q9UQ83    | Catenin delta-2 | CTNN2D |
| P02775    | Platelet basic protein | PBPB |
| P81534    | Beta-defensin 103 | DEFB103A |
| O60676    | Cystatin-8 | CST8 |
| O14578    | Citron Rh-interacting kinase | CIT |
| Q8N8I6    | Putative uncharacterized protein encoded by LINC00482 | LINC00482 |
| O43583    | Density-regulated protein | DENR |
| Q92499    | ATP-dependent RNA helicase | DDX1 |
| Q9NR28    | Diablo homolog, mitochondrial | DIABLO |
| P27707    | Deoxyuridine kinase | DCK |
| Q8NA75    | DDB1- and CUL4-associated factor 4-like protein 2 | DCAF4L2 |
| Q96JK2    | DDB1- and CUL4-associated factor 5 | DCAF5 |
| Q14147    | Probable ATP-dependent RNA helicase | DHX34 |
| Q6ED9     | Putative diacylglycerol O-acyltransferase 2-like protein | DGAT2L7P |
| Q9H5Z1    | Probable ATP-dependent RNA helicase | DHX35 |
| Q9NQL9    | Doublesex- and mab-3-related transcription factor 3 | DMRT3 |
| Q96KC8    | Dra3 homolog subfamily C member 1 | DNAJC1 |
| Q5T8R8    | Uncharacterized protein | DOCK8-AS1 |
| Q9NRI5    | Disrupted in schizophrenia 1 protein | DISC1 |
| Q14204    | Cytoplasmic dynein 1 heavy chain 1 | DYNC1H1 |
| Q9BQ95    | Evolutionarily conserved signaling intermediate in Toll pathway, mitochondrial | ECSIT |
| Q68J44    | Dual specificity phosphatase 29 | DUSP29 |
| Entrez ID | Protein Name                          | Gene ID         |
|-----------|---------------------------------------|-----------------|
| Q96FG2    | ELMO domain-containing protein 3      | ELMOD3          |
| Q9NVQ4    | Fas apoptotic inhibitory molecule 1   | FAIM            |
| Q96GK7    | Fumarylacetoacetate hydrolase domain-containing protein 2A | FAHD2A          |
| Q969Z0    | FAST kinase domain-containing protein 4 | TBRG4           |
| P51161    | Gastrotrpin                          | FABP6           |
| Q15540    | Fatty acid-binding protein, brain     | FABP7           |
| P0CH98    | Protein FAM106C                       | FAM106C         |
| Q8TAG9    | Exocyst complex component 6           | EXOC6           |
| P07148    | Fatty acid-binding protein, liver     | FABP1           |
| Q98Z16    | Probable G-protein coupled receptor 63 | GPR63           |
| A1A519    | Protein FAM170A                       | FAM170A         |
| Q8IVS2    | Malonyl-CoA-acyl carrier protein transacylase, mitochondrial | MCAT            |
| Q8IXQ9    | Electron transfer flavoprotein beta subunit lysine methyltransferase | ETFBKMT         |
| Q01780    | Exosome component 10                  | EXOSC10         |
| Q60320    | Protein FAM189A1                      | FAM189A1        |
| A6NFU0    | Ig-like V-type domain-containing protein FAM187A | FAM187A         |
| Q8IWN6    | Protein FAM223A                       | FAM223A         |
| P0CG43    | Putative protein FAM157C              | FAM157C         |
| B1ANY3    | Putative protein FAM220BP              | FAM220BP        |
| A1KXE4    | Myelin-associated neurite-outgrowth inhibitor | FAM168B        |
| A0A1B0GT4 | Protein FAM237A                       | FAM237A         |
| Q9C0D9    | Ethanolaminephosphotransferase 1      | SELENOI         |
| P12319    | High affinity immunoglobulin epsilon receptor subunit alpha | FCER1A         |
| P22607    | Fibroblast growth factor receptor 3   | FGFR3           |
| A6NHQ2    | tRNA/tRNA 2'-O-methyltransferase fibrillarin-like protein 1 | FBLL1          |
| P22455    | Fibroblast growth factor receptor 4   | FGFR4           |
| Q02985    | Complement factor H-related protein 3 | CFHR3           |
| Q76093    | Fibroblast growth factor 18           | FGFR18          |
| Q9NYQ8    | Protocadherin Fat 2                   | FAT2            |
| Q12805    | EGF-containing fibulin-like extracellular matrix protein 1 | EFEMP1         |
| O95876    | WD repeat-containing and planar cell polarity effector protein fritz homolog | WDPCP          |
| Q2WGN9    | GRB2-associated-binding protein 4      | GAB4            |
| Q9BZ67    | FERM domain-containing protein 8       | FRMD8           |
| Q9YNA8    | Endogenous retrovirus group K member 19 Gag polypeptide | ERVK-19         |
| Q92908    | Transcription factor GATA-6           | GATA6           |
| P11310    | Medium-chain specific acyl-CoA dehydrogenase, mitochondrial | ACADM          |
| Q6P4H8    | ATP synthase subunit C lysine N-methyltransferase | ATPSCKMT       |
| P53396    | ATP-citrate synthase                   | ACLY            |
| Q9NP3     | Acyl-coenzyme A thioesterase 13       | ACOT13          |
| Q96GX2    | Ataxin-7-like protein 3B               | ATXN7L3B        |
| Q9ULC5    | Long-chain-fatty-acid--CoA ligase 5    | ACSL5           |
| O95996    | Adenomatous polyposis coli protein 2   | APC2            |
| Accession Number | Gene Name                        | Description                                                                 |
|------------------|----------------------------------|-----------------------------------------------------------------------------|
| P40616           | ADP-ribosylation factor-like protein 1 | ARL1                                                                         |
| Q15389           | Angiopoietin-1                   | ANGPT1                                                                       |
| Q8IV38           | Ankyrin repeat and MYND domain-containing protein 2 | ANKMY2                                                                     |
| P27540           | Aryl hydrocarbon receptor nuclear translocator | ARNT                                                                       |
| Q13510           | Acid ceramidase                  | ASAH1                                                                       |
| P54709           | Sodium/potassium-transporting ATPase subunit beta-3 | ATP1B3                                                                      |
| P42127           | Agouti-signaling protein         | ASIP                                                                        |
| P07307           | Asialoglycoprotein receptor 2    | ASGR2                                                                       |
| Q8IWQ3           | Serine/threonine-protein kinase BRSK2 | BRSK2                                                                       |
| Q12983           | BCL2/adenovirus E1B 19 kDa protein-interacting protein 3 | BNIIP3                                                                     |
| O60513           | Beta-1,4-galactosyltransferase 4  | B4GALT4                                                                     |
| Q9NY97           | N-acetyllactosaminidase beta-1,3-N-acetylgalcosaminyltransferase 2 | B3GNT2                                                                     |
| Q9HAW0           | Transcription factor IIIB 50 kDa subunit | KCTD13                                                                     |
| Q8WZ19           | BTB/POZ domain-containing adapter for CUL3-mediated RhoA degradation protein 1 | KCTD13                                                                     |
| Q9P281           | BAH and coiled-coil domain-containing protein 1 | BAHCC1                                                                     |
| Q9Y276           | Mitochondrial chaperone BCS1     | BCS1L                                                                        |
| Q75808           | Calpain-15                       | CAPN15                                                                       |
| Q96LW7           | Caspase recruitment domain-containing protein 19 | CARD19                                                                      |
| Q9BW7            | Caspase recruitment domain-containing protein 10 | CARD10                                                                      |
| POC6P0           | Putative protein BCL8            | NBEAP1                                                                       |
| Q9BXJ1           | Complement C1q tumor necrosis factor-related protein 1 | C1QTNF1                                                                     |
| Q7Z7H3           | Ciliogenesis-associated TTC17-interacting protein | CATIP                                                                       |
| Q9UBR2           | Cathepsin Z                      | CTSZ                                                                        |
| Q5UV69           | Uncharacterized protein C1orf189 | C1orf189                                                                     |
| Q9IVY1           | Type III endosome membrane protein TEMP | C1orf20                                                                     |
| Q8NCU7           | C2 calcium-dependent domain-containing protein 4A | C2CD4A                                                                     |
| Q53TS8           | C2 calcium-dependent domain-containing protein 6 | C2CD6                                                                       |
| H3BNL1           | Uncharacterized protein C3orf84  | C3orf84                                                                      |
| P83916           | Chromobox protein homolog 1      | CBX1                                                                        |
| Q5VSU7           | Cytosolic carboxypeptidase 6      | AGBL4                                                                        |
| P48052           | Carboxypeptidase A2               | CPA2                                                                        |
| Q96IY4           | Carboxypeptidase B2               | CPB2                                                                        |
| Q96MR6           | Cilia- and flagella-associated protein 57 | CFAP57                                                                     |
| Q96JM3           | Chromosome alignment-maintaining phosphoprotein 1 | CHAMP1                                                                     |
| Q86Y33           | Cell division cycle protein 20 homolog B | CDC20B                                                                     |
| P51879           | C-C chemokine receptor type 4 CCR4 | CCR4                                                                        |
| Q95319           | CUGBP Elav-like family member 2  | CELF2                                                                       |
| P20138           | Myeloid cell surface antigen CD33 | CD33                                                                        |
| Q98RR6           | Uncharacterized protein C7orf50  | C7orf50                                                                      |
| Q8NAV2           | Uncharacterized protein C8orf58  | C8orf58                                                                      |
| P19835           | Bile salt-activated lipase        | CEL                                                                         |
| Q9Y375           | Complex I intermediate-associated protein 30, mitochondrial | NDUFAF1                                                                     |
| P20963           | T-cell surface glycoprotein CD3 zeta chain | CD247                                                                       |
| Q8IW35           | Centrosomal protein of 97 kDa    | CEP97                                                                        |
| Accession   | Description                                                                 | Accession   | Description                                                                 |
|-------------|------------------------------------------------------------------------------|-------------|------------------------------------------------------------------------------|
| Q5M9N0      | Coiled-coil domain-containing protein 158                                    | CCDC158     |                                                                              |
| Q9BWT1      | Cell division cycle-associated protein 7                                     | CDCA7       |                                                                              |
| Q9Y3D0      | Cytosolic iron-sulfur assembly component 2B                                  | CIAO2B      |                                                                              |
| Q8FT60      | Cell division cycle-associated protein 7                                     | CDCA7       |                                                                              |
| Q9HDB7     | Centromere protein M                                                         | CENPM       |                                                                              |
| Q9HB88      | Cadherin-related family member                                               | CDHR5       |                                                                              |
| Q94779      | Contactin-5                                                                  | CNTN5       |                                                                              |
| P02552      | Collagen alpha-1                                                             | COL1A1      |                                                                              |
| P20248      | Cyclin-A2                                                                   | CCNA2       |                                                                              |
| Q727A1      | Centriolin                                                                   | CNTRL       |                                                                              |
| Q8NCF0      | C-type lectin domain family 18 member C                                      | CLEC18C     |                                                                              |
| Q9Y6Y1      | Calmodulin-binding transcription activator 1                                 | CAMTA1      |                                                                              |
| Q96S95      | Calcium/calmodulin-dependent protein kinase II inhibitor 2                   | CAMK2N2     |                                                                              |
| A5YKK6      | CCR4- NOT transcription complex subunit 1                                    | CNOT1       |                                                                              |
| Q96KN2      | Beta-Ala-His dipeptidase                                                      | CNDP1       |                                                                              |
| Q9Y721      | Cysteinyll leukotriene receptor 1                                             | CYSLTR1     |                                                                              |
| Q727G2      | Complexin-4                                                                  | CPLX4       |                                                                              |
| P02741      | C-reactive protein                                                           | CRP         |                                                                              |
| P19784      | Casein kinase II subunit alpha                                               | CSNK2A2     |                                                                              |
| Q94979      | Ciliogenesis and planar polarity effector 1                                  | CPLANE1     |                                                                              |
| Q49AN0      | Cryptochrome-2                                                               | CRY2        |                                                                              |
| P0DMV1      | Cancer/testis antigen family 45 member A8                                    | CT45A8      |                                                                              |
| Q8TFO8      | Cytochrome c oxidase subunit 7B2, mitochondrial                              | COX7B2      |                                                                              |
| Q6P6D2      | RNA polymerase-associated protein CTR9 homolog                               | CTR9        |                                                                              |
| Q8IZN7      | Beta-defensin 107                                                            | DEFB107A    |                                                                              |
| Q8N7U9      | Putative uncharacterized protein encoded by LINCO0469                        | LINCO0469   |                                                                              |
| P33240      | Cleavage stimulation factor subunit 2                                        | CSTF2       |                                                                              |
| P01040      | Cystatin-A                                                                   | CSTA        |                                                                              |
| Q9NWM3      | CUE domain-containing protein 1                                              | CUEDC1      |                                                                              |
| Q13616      | Culin-1                                                                      | CUL1        |                                                                              |
| Q8TEH3      | DENN domain-containing protein 1A                                             | DENND1A     |                                                                              |
| Q14203      | Dynactin subunit 1                                                           | DCTN1       |                                                                              |
| Q5VW00      | DDB1- and CUL4-associated factor 12-like protein 2                           | DCAF12L2    |                                                                              |
| O43237      | Cytoplasmic dynein 1 light intermediate chain 2                              | DYNCL2      |                                                                              |
| O75618      | Death effector domain-containing protein                                      | DEDD        |                                                                              |
| A0PJE2      | Dehydrogenase/reductase SDR family member 12                                 | DHRS12      |                                                                              |
| Q30KQ8      | Beta-defensin 112                                                            | DEFB112     |                                                                              |
| Q7Z7B7      | Beta-defensin 132                                                            | DEFB132     |                                                                              |
| P11532      | Dystrophin                                                                   | DMD         |                                                                              |
| Q9NVP1      | ATP-dependent RNA helicase DDX18                                              | DDX18       |                                                                              |
| Q75987      | DnaJ homolog subfamily C member 8                                             | DNAJC8      |                                                                              |
| Q9UF47      | DnaJ homolog subfamily C member 5B                                            | DNAJC5B     |                                                                              |
| Q15700      | Disks large homolog 2                                                        | DLG2        |                                                                              |
| Q43323      | Desert hedgehog protein                                                      | DHH         |                                                                              |
| Accession | Description                                                                 | Identifier |
|-----------|------------------------------------------------------------------------------|------------|
| Q7Z5J1    | Hydroxysteroid 11-beta-dehydrogenase 1-like protein                          | HSD11B1L   |
| Q8NBQ5    | Estradiol 17-beta-dehydrogenase 11                                           | HSD17B11   |
| Q96J81    | Dynein heavy chain 8, axonemal                                              | DNAH8      |
| Q13575    | Ephrin type-A receptor 7                                                      | EPHA7      |
| O75356    | Ectonucleoside triphosphate diphosphohydrolase 5                             | ENTPD5     |
| O75821    | Eukaryotic translation initiation factor 3 subunit G                          | EIF3G      |
| Q969X5    | Endoplasmic reticulum-Golgi intermediate compartment protein 1               | ERGIC1     |
| Q01362    | High affinity immunoglobulin epsilon receptor subunit beta                   | MS4A2      |
| Q95466    | Formin-like protein 1                                                         | FMNL1      |
| Q8NO7W    | Fragile X mental retardation 1 neighbor protein                              | FMR1NB     |
| Q96P31    | Fc receptor-like protein 3                                                    | FCRL3      |
| Q96LA6    | Fc receptor-like protein 1                                                    | FCRL1      |
| Q75LS8    | Putative FK506-binding protein 9-like protein                                | FKBPP1     |
| Q14318    | Peptidyl-prolyl cis-trans isomerase FKBP8                                     | FKBP8      |
| P55075    | Fibroblast growth factor 8                                                    | FGF8       |
| Q14315    | Filamin-C                                                                    | FILNC      |
| Q9UKC9    | F-box/LRR-repeat protein 2                                                    | FBXL2      |
| P05230    | Fibroblast growth factor 1                                                    | FGF1       |
| Q43320    | Fibroblast growth factor 16                                                   | FGF16      |
| P80404    | 4-aminobutyrate aminotransferase, mitochondrial                              | ABAT       |
| Q8NAA4    | Protein Apg16L2                                                                | ATG16L2    |
| Q8IU0A7   | ATP-binding cassette sub-family A member 9                                    | ABCA9      |
| Q8WWZ4    | ATP-binding cassette sub-family A member 10                                   | ABCA10     |
| P80404    | 4-aminobutyrate aminotransferase, mitochondrial                              | ABAT       |
| Q9H1C0    | 2-amino-3-carboxymuconate-6-semialdehyde decarboxylase                       | ACMSD      |
| Q96P0     | Cytosolic 5’-nucleotidase 3A                                                  | NT5C3A     |
| P47895    | Aldehyde dehydrogenase family 1 member A3                                    | ALDH1A3    |
| P37023    | Serine/threonine-protein kinase receptor R3                                   | ACVR1      |
| P61204    | ADP-ribosylation factor 3                                                     | ARF3       |
| Q9UKA4    | A-kinase anchor protein 11                                                    | AKAP11     |
| Q9HCK5    | Protein argonaute-4                                                           | AGO4       |
| Q7Z6V5    | tRNA-specific adenosine deaminase                                             | ADAT2      |
| Q8TED9    | Actin filament-associated protein 1-like 1                                    | AFAP1L1    |
| Q5VVY2    | Arylacetamide deacetylase-like 4                                              | AADAACL4   |
| Q60266    | Adenylyl cyclase type 3                                                        | ADCY3      |
| Q9UKQ2    | Disintegrin and metalloproteinase domain-containing protein 28                | ADAM28     |
| Q9Y4W6    | AFG3-like protein 2                                                           | AFG3L2     |
| P33121    | Long-chain-fatty-acid--CoA ligase 1                                            | ACSL1      |
| A6QL64    | Ankyrin repeat domain-containing protein 36A                                  | ANKRD36    |
| Q9BZ19    | Ankyrin repeat domain-containing protein 60                                   | ANKRD60    |
| Q8N8V4    | Ankyrin repeat and SAM domain-containing protein 4B                           | ANKS4B     |
| P54002    | Alpha-N-acetylglycosaminidase                                                  | NAGLU      |
| Q400G9    | Archaemetzincin-1                                                             | AMZ1       |
| Q9BPW4    | Apolipoprotein L4                                                             | APOL4      |
| P51693    | Amyloidzincin-1                                                               | APOL1      |
| P10275    | Androgen receptor                                                             | AR         |
| Q8NDY3    | ADPRH1                                                                       |            |
| Accession | Description |
|-----------|-------------|
| Q6ZP65    | BICD family-like cargo adapter 1 |
| Q8N9D6    | Class E basic helix-loop-helix protein 23 |
| Q81DD5    | Coiled-coil domain-containing protein 78 |
| A1IL170   | Uncharacterized protein C1orf226 |
| Q6N2Z6    | Caveolae-associated protein 1 |
| Q81YT3    | Coiled-coil domain-containing protein 170 |
| Q81VM0    | Coiled-coil domain-containing protein 50 |
| Q8TBZ0    | Coiled-coil domain-containing protein 110 |
| O95931    | Chromobox protein homolog 7 |
| O75871    | Carcinoembryonic antigen-related cell adhesion molecule 4 |
| Q16739    | Ceramide glucosyltransferase |
| Q8NAS9    | Putative uncharacterized protein C5orf17 |
| O14757    | Serine/threonine-protein kinase Chk1 |
| Q7LB36    | Hsp90 co-chaperone Cdc37-like |
| Q8TD26    | Chromodomain-helicase-DNA-binding protein 6 |
| Q6XR8     | Centrosomal protein of 57 kDa |
| A2RU37    | Uncharacterized protein encoded by LINC02872 |
| Q96M47    | Uncharacterized protein C5orf34 |
| Q9Y4M8    | Putative uncharacterized protein encoded by LINC00588 |
| O95684    | Centrosomal protein 43 |
| P21854    | B-cell differentiation antigen CD72 |
| Q8N1B3    | Cyclin-Q |
| Q96B3T    | Centromere protein T |
| Q4KMG0    | Cell adhesion molecule-related/down-regulated by oncogenes |
| O14519    | Cyclin-dependent kinase 2-associated protein 1 |
| O75956    | Cyclin-dependent kinase 2-associated protein 2 |
| Q96F05    | Uncharacterized protein C1orf24 |
| Q8NC01    | C-type lectin domain family 1 member A |
| Q96S26    | Mitochondrial tRNA methylthiotransferase CDK5RAP1 |
| P26992    | Ciliary neurotrophic factor receptor subunit alpha |
| P08684    | Cytochrome P450 3A4 |
| A4D0V7    | Cadherin-like and PC-esterase domain-containing protein 1 |
| O8NFW1    | Collagen alpha-1 |
| Q99S56    | Uncharacterized protein C1orf80 |
| Q99R76    | Coronin-1B |
| Q98AK2    | Transcription factor COF2 |
| Q53TN4    | Cytochrome b reductase 1 |
| P09034    | Gap junction beta-1 protein |
| P25025    | C-X-C chemokine receptor type 2 |
| O14625    | C-X-C motif chemokine 11 |
| Q994G1    | Cystatin-9-like |
| Q13620    | Cullin-4B |
| Q9H6AO    | DENN domain-containing protein 2D |
| Q9H1M4    | Beta-defensin 127 |
| Q30KP8    | Beta-defensin 136 |
| Q6F0B5    | Desumoylating isopeptidase |
| Q99UW3    | DNA |
| Q9BUN8    | Derlin-1 |
| Q155Q3    | Dixin |
| Accession | Description                                                                 | Protein |
|-----------|------------------------------------------------------------------------------|---------|
| Q9P225    | Dynein heavy chain 2, axonemal                                              | DNAH2   |
| Q9H410    | Kinetochoore-associated protein DSN1 homolog                                | DSN1    |
| O14681    | Etoposide-induced protein 2.4 homolog                                       | EI24    |
| Q8TBF8    | Protein FAM81A                                                                | FAM81A  |
| Q6P1L5    | Protein FAM117B                                                               | FAM117B |
| Q8TC76    | Protein FAM110B                                                               | FAM110B |
| Q9NWS6    | Protein FAM118A                                                               | FAM118A |
| Q6UWF9    | Protein FAM180A                                                               | FAM180A |
| Q5KYK9    | Protein FAM133B                                                               | FAM133B |
| P05160    | Coagulation factor XIII B chain F13B                                         | F13B    |
| Q9P2D6    | Protein FAM135A                                                               | FAM135A |
| Q96A26    | Protein FAM162A                                                               | FAM162A |
| A4D161    | Protein FAM221A                                                               | FAM221A |
| Q8TC99    | Protein FAM200A                                                               | FAM200A |
| Q5U5X8    | Protein FAM222A                                                               | FAM222A |
| Q7Z4H9    | Protein FAM220A                                                               | FAM220A |
| Q5T6X4    | Protein FAM162B                                                               | FAM162B |
| A8MTA8    | Protein FAM166B                                                               | FAM166B |
| A2RU67    | Protein FAM234B                                                               | FAM234B |
| A0P1Z3    | Glucoside xylosyltransferase 2 GXYLT2                                        |         |
| P5899     | IgG receptor FcRn large subunit p51                                           | FCGRT   |
| Q86WN1    | F-BAR and double SH3 domains protein 1                                        | FCHSD1  |
| Q8WW38    | Zinc finger protein ZFPM2                                                    | ZFPM2   |
| Q00688    | Peptidyl-prolyl cis-trans isomerase FKBP5                                    | FKBP5   |
| Q9Y680    | Peptidyl-prolyl cis-trans isomerase FKBP7                                    | FKBP7   |
| Q96XK2    | F-box only protein 11                                                         | FBXO11  |
| Q6ZVX7    | F-box only protein 50                                                         | NCCRP1  |
| Q15822    | Neuronal acetylcholine receptor subunit alpha-2                               | CHRNA2  |
| Q8N6T3    | ADP-ribosylation factor GTPase-activating protein 1                          | ARFGAP1 |
| P27216    | Annexin A13                                                                  | ANXA13  |
| Q14155    | Rho guanine nucleotide exchange factor 7                                      | ARHGEF7 |
| Q95376    | E3 ubiquitin–protein ligase ARIH2                                             | ARIH2   |
| Q6W1T0    | Protein archease                                                             | ZBTB8OS |
| Q15041    | ADP-ribosylation factor-like protein 6-interacting protein 1                 | ARL6P1  |
| Q9BZE9    | Tether containing UBX domain for GLUT4                                        | ASPSCR1 |
| Q9ULH1    | Arf-GAP with SH3 domain, ANK repeat and PH domain-containing protein 1        | ASAP1   |
| Q9UBD9    | Cardiotrophin-like cytokine factor 1                                          | CLCF1   |
| Q9N12T    | Phospholipid-transporting ATPase 1B                                           | ATP8A2  |
| Q5T4W7    | Artemin                                                                      | ARTN    |
| P58397    | A disintegrin and metalloprotease with thrombospondin motifs 12              | ADAMTS12|
| Q9HBH7    | Protein BEX1                                                                 | BEX1    |
| Q13490    | Baculoviral IAP repeat-containing homolog                                     | BIRC2   |
| Q6QNY0    | Biogenesis of lysosome-related organelles complex 1 subunit 3                | BLOC1S3 |
| P34820    | Bone morphogenetic protein 8B                                                | BMP8B   |
| Q8UB82    | Basic immunogobulin-like variable motif-containing protein                    | BIVM    |
| P19099    | Cytochrome P450 11B2, mitochondrial                                          | CYP11B2 |
| Q5T3Y7    | Putative uncharacterized protein BVES-AS1                                    | BVES-AS1|
| Ensembl ID | Description                                                                 | Swiss-Prot ID |
|-----------|------------------------------------------------------------------------------|---------------|
| A4D250    | B-cell acute lymphoblastic leukemia-expressed protein                        | BLACE         |
| Q6Z2W61   | Bardet-Biedl syndrome 12 protein BBS12                                       |               |
| Q9H694    | Protein bicaudal C homolog 1 BICC1                                          |               |
| Q7Z7M8    | UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 8 B3GNT8         |               |
| Q96024    | Beta-1,3-galactosyltransferase 4 B3GALT4                                     |               |
| Q9JUPM9   | B9 domain-containing protein 1 B9D1                                          |               |
| O95816    | BAG family molecular chaperone regulator 2 BAG2                             |               |
| Q07817    | Bcl-2-like protein 1 BCL2L1                                                  |               |
| O95817    | BAG family molecular chaperone regulator 3 BAG3                             |               |
| Q002641   | Voltage-dependent L-type calcium channel subunit beta-1 CACNB1              |               |
| A0A1B0GU71| Uncharacterized protein CFAP97D2                                            |               |
| P0DN25    | C1GALT1-specific chaperone 1-like protein C1GALT1C1L                        |               |
| Q9NX04    | Uncharacterized protein C1orf109 C1orf109                                   |               |
| Q5T0J3    | Putative uncharacterized protein C1orf220 C1orf220                         |               |
| Q8TC20    | Cancer-associated gene 1 protein CAGE1                                       |               |
| Q96BQ5    | Coiled-coil domain-containing protein 127 CCDC127                          |               |
| Q5IP3     | Uncharacterized protein C3orf38 C3orf38                                      |               |
| Q567U6    | Coiled-coil domain-containing protein 93 CCDC93                             |               |
| Q8NFR7    | Coiled-coil domain-containing protein 14B CCDC148                           |               |
| Q92583    | C-C motif chemokine 17 CCL17                                                 |               |
| P35520    | Cystathionine beta-synthase CBS                                              |               |
| P13688    | Carinoembryonic antigen-related cell adhesion molecule 1 CEACAM1            |               |
| Q96MT7    | Cilia- and flagella-associated protein 44 CFAP44                            |               |
| P40198    | Carinoembryonic antigen-related cell adhesion molecule 3 CEACAM3            |               |
| Q13185    | Chromobox protein homolog 3 CBX3                                             |               |
| P0CG36    | Cryptic family protein 1B CFC1B                                               |               |
| Q99NX6    | CD209 antigen CD209                                                         |               |
| Q6WU44    | Uncharacterized protein C7orf33 C7orf33                                     |               |
| P25063    | Signal transducer CD24 CD24                                                  |               |
| Q9H5X1    | Cytosolic iron-sulfur assembly component 2A CIAO2A                          |               |
| O6ZL3     | Uncharacterized protein C8orf86 C8orf86                                      |               |
| P0C84    | Putative uncharacterized protein encoded by LINC00032 LINC00032              |               |
| P41597    | C-C chemokine receptor type 2 CCR2                                            |               |
| Q71F23    | Centromere protein U CENPU                                                   |               |
| Q96L0    | Centrosomal protein of 19 kDa CEP19                                           |               |
| Q9P003    | Protein cornichon homolog 4 CNIH4                                            |               |
| Q8IXR9    | Uncharacterized protein C12orf56 C12orf56                                    |               |
| Q01955    | Collagen alpha-3 COL4A3                                                      |               |
| Q88PX3    | Condensin complex subunit 3 NCAFPG                                          |               |
| Q16281    | Cyclic nucleotide-gated cation channel alpha-3 CNGA3                         |               |
| Q8WX1    | C-type lectin domain family 4 member D CLEC4D                                 |               |
| Q7Z624    | Calmodulin-lysine N-methyltransferase CAMKMT                                  |               |
| Q96D5    | CAP-Gly domain-containing linker protein 3 CLIP3                             |               |
| Q7Z5Q1    | Cytoplasmic polyadenylation element-binding protein 2 CPEB2                  |               |
| Q8UR6     | CREB3 regulatory factor CREBRF                                                |               |
| Q14061    | Cytochrome c oxidase copper chaperone COX17                                   |               |
| Q9P021    | Cysteine-rich PDZ-binding CRIPT                                              |               |
| Accession | Description |
|-----------|-------------|
| Q86W10    | Cytochrome P450 4Z1 |
| Q75398    | Deformed epidermal autoregulatory factor 1 homolog |
| Q13117    | Deleted in azoosperma protein 2 |
| Q14576    | Cytoplasmic dynein 1 intermediate chain 1 |
| Q62PD8    | Diacylglycerol O-acetyltransferase 2-like protein 6 |
| A8MXU0    | Putative beta-defensin 108A |
| Q13217    | DnaJ homolog subfamily C member 3 |
| Q01459    | Di-N-acetylchitobase |
| P09622    | Dihydrolipoyl dehydrogenase, mitochondrial |
| Q9BU89    | Deoxyhypusine hydroxylase |
| Q96Q80    | Derlin-3 |
| Q5KSL6    | Diacylglycerol kinase kappa |
| Q96N57    | Dedicator of cytokinesis protein 7 |
| Q725P4    | 17-beta-hydroxysteroid dehydrogenase 13 |
| P59020    | Down syndrome critical region protein 9 |
| Q15075    | Early endosome antigen 1 |
| Q14156    | Protein EFR3 homolog A |
| P08246    | Neutrophil elastase |
| P00533    | Epidermal growth factor receptor |
| Q03111    | Protein ENL |
| Q8N611    | EP300-interacting inhibitor of differentiation 2 |
| Q52U0     | Protein FAM98B |
| P19447    | General transcription and DNA repair factor IIH helicase subunit XPB |
| A1L162    | Glutamate-rich protein 2 |
| Q8N5W8    | Protein FAM24B |
| Q14153    | Protein FAM53B |
| Q9UBU6    | Protein FAM8A1 |
| P57679    | Ellis-van Creveld syndrome |
| Q9H4H8    | Protein FAM83D |
| Q8IM6     | Exocyst complex component 8 |
| A6NMM3    | Protein FAM170B |
| P50502    | Hsc70-interacting protein |
| Q16134    | Electron transfer flavoprotein-ubiquinone oxidoreductase, mitochondrial |
| Q8NB25    | Protein FAM184A |
| Q659J3    | Serine protease FAM111B |
| Q9NZB2    | Constitutive coactivator of PPARGamma-like protein 1 |
| Q9H5Z6    | Protein FAM124B |
| Q9Y6I3    | Epsin-1 |
| Q8N9E0    | Protein FAM133A |
| Q9NP03    | Exosome complex component RRP41 |
| Q5J71     | Protein FAM200A |
| Q63HN1    | Putative protein FAM205B |
| Q96BN6    | Primary cilium assembly protein FAM149B1 |
| Q38820    | Protein FAM161A |
| A6NJV1    | Protein FAM166C |
| P0DMU3    | FAM231A/C-like protein LOC102723383 |
| P42566    | Epidermal growth factor receptor substrate 15 |
| H3BQW9    | Protein FAM229A |
| Q16994    | Exostosin-1 |
| P0DPQ4    | Protein FAM243B |
| A0A494COY3 | Protein FAM246A |
| Q93063    | Exostosin-2 |
| Accession | Description                                           | Gene   |
|-----------|-------------------------------------------------------|--------|
| Q9NZ08    | Endoplasmic reticulum aminopeptidase 1               | ERAP1  |
| Q9P278    | Folliculin-interacting protein 2                      | FNIP2  |
| Q6JQN1    | Acyl-CoA dehydrogenase family member 10              | ACAD10 |
| Q13639    | 5-hydroxytryptamine receptor 4                        | HTR4   |
| O60706    | ATP-binding cassette sub-family C member 9            | ABCC9  |
| Q8N2K0    | Lyso phosphatidylserine lipase ABHD12                 | ABHD12 |
| P26439    | 3 beta-hydroxysteroid dehydrogenase/Delta 5 --> 4-isomerase type 2 | HSD3B2 |
| O94788    | Retinal dehydrogenase 2                               | ALDH1A2|
| P00325    | All-trans-retinol dehydrogenase                       | ADH1B  |
| P12814    | Alpha-actinin-1                                       | ACTN1  |
| C9JRZ8    | Aldo-keto reductase family 1 member B15               | AKR1B15|
| Q13155    | Aminoacyl tRNA synthase complex-interacting multifunctional protein 2 | AIMBP2 |
| Q92667    | A-kinase anchor protein 1, mitochondrial               | AKAP1  |
| P55197    | Protein AF-10                                         | MLLT10 |
| P06727    | Apolipoprotein A-IV                                   | APOA4  |
| P51825    | AF4/FMR2 family member 1                              | AFF1   |
| Q8IZP9    | Adhesion G-protein coupled receptor G2                | ADGRG2 |
| Q9UX4     | Anaphase-promoting complex subunit 5                  | ANAPC5 |
| Q9UX5     | Anaphase-promoting complex subunit 4                  | ANAPC4 |
| Q562R1    | Beta-actin-like protein 2                             | ACTBL2 |
| Q9HRK1    | AP-5 complex subunit mu-1                             | AP5M1  |
| P0C6C1    | Ankyrin repeat domain-containing protein 34C          | ANKRD34C|
| Q9HCE6    | Rho guanine nucleotide exchange factor 10-like protein| ARHGEF10L|
| Q6Q4G3    | Aminopeptidase Q                                       | LVRN   |
| Q5TZF3    | Ankyrin repeat domain-containing protein 45           | ANKRD45|
| Q6AI12    | Ankyrin repeat domain-containing protein 40           | ANKRD40|
| Q75106    | Retina-specific copper amine oxidase                   | AOC2   |
| Q9Y2T2    | AP-3 complex subunit mu-1                             | AP3M1  |
| Q4LE39    | AT-rich interactive domain-containing protein 4B      | ARID4B |
| Q5W041    | Armadillo repeat-containing protein 3                  | ARMC3  |
| Q5TE6     | Armadillo-like helical domain-containing protein 3     | ARMH3  |
| Q86TY3    | Armadillo-like helical domain-containing protein 4     | ARMH4  |
| O60678    | Protein arginine N-methyltransferase 3                 | PRMT3  |
| Q9UH62    | Armadillo repeat-containing X-linked protein 3         | ARMCX3 |
| Q6P1M9    | Armadillo repeat-containing X-linked protein 5         | ARMCX5 |
| Q8WXH4    | Ankyrin repeat and SOCS box protein 11                 | ASB11  |
| Q6XD76    | Achaete-scute homolog 4                               | ASCL4  |
| P13637    | Sodium/potassium-transporting ATPase subunit alpha-3   | ATP1A3 |
| P05026    | Sodium/potassium-transporting ATPase subunit beta-1    | ATP1B1 |
| Q4VNC0    | Probable cation-transporting ATPase 13A5              | ATP13A5|
| Accession  | Description                                                  | Q15511 | Q8N6G6 | Q8TBG4 | Q14965 | P27037 | Q6RW13 | Q8WV28 | O60566 | Q6NU11 | Q96FH0 | P78543 | Q10589 | Q9HO51 | P59051 | Q9NWV8 | Q9HAY6 | Q96G01 | Q95415 | Q9UIF8 | Q02338 | Q15878 | Q8WVF1 | Q01518 | Q6ZS94 | P00915 | Q5TG92 | Q43852 | Q69F0 | Q9BV29 | Q9BWC9 | Q9Y3X0 | Q96EE4 | P23435 | Q15444 | Q9PH20 | Q550QH8 | Q5TEZ5 | Q9H8X3 | Q8NEM8 | Q53E4Z | Q7010B | Q94867 | Q96MT8 | A0A0U1RR1 | 1 |
|------------|--------------------------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Accession | Description                                                                 | Description |
|-----------|-----------------------------------------------------------------------------|-------------|
| Q16667    | Cyclin-dependent kinase inhibitor 3                                         | CDKN3       |
| Q8NHQ1    | Centrosomal protein of 70 kDa                                               | CEP70       |
| Q60583    | Cyclin-T2                                                                   | CCNT2       |
| Q96GE4    | Centrosomal protein of 95 kDa                                               | CEP95       |
| Q9Y2V0    | CDAN1-interacting nuclease 1                                                 | CDIN1       |
| Q495D7    | Putative uncharacterized protein encoded by LINC01559                       | LINC01559   |
| Q32M92    | Uncharacterized protein C15orf32                                            | C15orf32    |
| Q6EG7     | C-type lectin domain family 6 member A                                       | CLEC6A      |
| Q9Y2B0    | Protein canopy homolog 2                                                     | CNPY2       |
| Q8N129    | Protein canopy homolog 4                                                     | CNPY4       |
| Q96RK1    | Cbp/p300-interacting transactivator 4                                       | CITED4      |
| Q9H3G5    | Probable serine carboxypeptidase CPVL                                       | CPVL        |
| Q62ST2    | Putative uncharacterized protein COL25A1-DT                                 | COL25A1-DT  |
| Q9NW4     | Dentin sialophosphoprotein                                                   | DSPP        |
| Q6IAN0    | Dehydrogenase/reductase SDR family member 7B                                 | DHRS7B      |
| Q6UWT2    | Adropin                                                                     | ENHO        |
| P29317    | Ephrin type-A receptor 2                                                     | EPHA2       |
| Q6IA86    | Elongator complex protein 2                                                  | ELP2        |
| Q9HC35    | Echinoderm microtubule-associated protein-like 4                             | EML4        |
| P21860    | Receptor tyrosine-protein kinase erbB-3                                      | ERBB3       |
| A6ND36    | Protein FAM83G                                                               | FAM83G      |
| Q5RHP9    | Glutamate-rich protein 3                                                     | ERICH3      |
| A6NGS2    | Glutamate-rich protein 4                                                     | ERICH4      |
| Q8IV48    | 3’-5’ exoribonuclease 1                                                      | ERJ1        |
| Q9UI08    | Ena/VASP-like protein                                                        | EVL         |
| Q4KMX7    | Protein FAM106A                                                              | FAM106A     |
| Q96PZ2    | Serine protease FAM111A                                                      | FAM111A     |
| Q9NX05    | Constitutive coactivator of PPAR-gamma-like protein 2                        | FAM120C     |
| Q15884    | Protein FAM189A2                                                             | FAM189A2    |
| Q5JX69    | Protein FAM209B                                                              | FAM209B     |
| P19235    | Erythropoietin receptor                                                       | EPOR        |
| Q9EQ9     | Protein FAM131C                                                              | FAM131C     |
| Q4W5N1    | Putative ATP-binding cassette sub-family A member 11                          | ABCA11P     |
| Q8WW7     | ATP-binding cassette sub-family A member 5                                   | ABCA5       |
| Q86UQ4    | ATP-binding cassette sub-family A member 13                                  | ABCA13      |
| P28288    | ATP-binding cassette sub-family D member 3                                   | ABCD3       |
| P30154    | Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A beta isoform | PPP2R1B     |
| Q16671    | Anti-Muellerian hormone type-2 receptor                                       | AMHR2       |
| Q6NTF7    | DNA dC-3-dU-editing enzyme APOBEC-3H                                         | APOBEC3H    |
| Q99490    | Arf-GAP with GTPase, ANK repeat and PH domain-containing protein 2           | AGAP2       |
| Q5VTM2    | Arf-GAP with GTPase, ANK repeat and PH domain-containing protein 9           | AGAP9       |
| A6NIR3    | Arf-GAP with GTPase, ANK repeat and PH domain-containing protein 5           | AGAP5       |
| Q98X7     | Protein amnionless                                                           | AMN         |
| Q98RR6    | ADP-dependent glucokinase                                                    | ADPGK       |
| Q86UN6    | A-kinase anchor protein 14                                                   | AKAP14      |
| Accession | Name and Description                                                                 |
|-----------|--------------------------------------------------------------------------------------|
| Q13023    | A-kinase anchor protein 6 (AKAP6)                                                    |
| Q96QF7    | Acidic repeat-containing protein (GCNA)                                               |
| Q75078    | Disintegrin and metalloproteinase domain-containing protein 11 (ADAM11)               |
| O43423    | Acidic leucine-rich nuclear phosphoprotein 32 family member C (ANP32C)                |
| E5RJ66    | Ankyrin repeat domain-containing protein 65 (ANKRD65)                                 |
| Q98YV1    | Alanine--glyoxylate aminotransferase 2, mitochondrial (AGXT2)                         |
| O95704    | Amyloid-beta A4 precursor protein-binding family B member 3 (APBB3)                   |
| Q9Y6Q5    | AP-1 complex subunit mu-2 (AP1M2)                                                    |
| P02647    | Apolipoprotein A-I (APOA1)                                                           |
| Q9NXU5    | ADP-ribosylation factor-like protein 15 (ARL15)                                       |
| O949B9    | Rho guanine nucleotide exchange factor 15 (ARHGEF15)                                  |
| Q68CP9    | AT-rich interactive domain-containing protein 2 (ARID2)                                |
| Q92527    | Ankyrin repeat domain-containing protein 7 (ANKRD7)                                   |
| Q6ZU67    | BEN domain-containing protein 4 (BEND4)                                               |
| P35613    | Basigin (BSG)                                                                       |
| Q9P0X4    | Voltage-dependent T-type calcium channel subunit alpha-11 (CACNA1I)                  |
| Q98Q97    | B-cell CLL/lymphoma 7 protein family member B (BCL7B)                                 |
| O75309    | Cadherin-16 (CDH16)                                                                  |
| P77797    | Calreticulin (CALR)                                                                  |
| Q8NFZB    | Cell adhesion molecule 4 (CADM4)                                                     |
| Q98XJ2    | Complement C1q tumor necrosis factor-related protein 7 (C1QTNF7)                     |
| P56202    | Cathepsin W (CTSW)                                                                   |
| Q6P9G0    | Cytochrome b5 domain-containing protein 1 (CYB5D1)                                    |
| Q6UP0     | Cadherin-24 (CDH24)                                                                  |
| Q51440    | Putative transferase CAF17, mitochondrial (IBA57)                                      |
| P07498    | Kappa-casein (CSN3)                                                                  |
| Q946F5    | Coiled-coil domain-containing protein 86 (CCDC86)                                     |
| Q8IW40    | Coiled-coil domain-containing protein 103 (CCDC103)                                   |
| Q96CT7    | Coiled-coil domain-containing protein 124 (CCDC124)                                   |
| Q98UN5    | Coiled-coil domain-containing protein 28B (CCDC28B)                                   |
| Q8TC90    | Coiled-coil domain-containing glutamate-rich protein 1 (CCER1)                        |
| Q6ZUS6    | Coiled-coil domain-containing protein 149 (CCDC149)                                   |
| Q7Z4U5    | Uncharacterized protein C6orf201 (C6orf201)                                           |
| Q9Y9E7    | Charged multivesicular body protein 3 (CHMP3)                                         |
| Q9ULG3    | Uncharacterized protein C6orf201 (C6orf201)                                           |
| Q9Y6G3    | Uncharacterized protein C6orf201 (C6orf201)                                           |
| Q12834    | Cell division cycle protein 20 homolog (CDC20)                                        |
| P06276    | Cholinesterase (BCHE)                                                                |
| Q9H5L9    | Putative uncharacterized protein C5orf66 (C5orf66)                                    |
| Q96K31    | Uncharacterized protein C8orf76 (C8orf76)                                            |
| P55273    | Cyclin-dependent kinase 4 inhibitor D (CDKN2D)                                        |
| Q7Z7J9    | Calcium/calmodulin-dependent protein kinase II inhibitor 1 (CAMK2N1)                  |
| Accession | Description                                                                                       |
|-----------|---------------------------------------------------------------------------------------------------|
| A0A1B0GVH6 | Uncharacterized protein C13orf42                                                               |
| P0C842    | Putative uncharacterized protein encoded by LINC00614                                            |
| Q9Y696    | Chloride intracellular channel protein 4                                                        |
| Q92989    | Polyribonucleotide 5'-hydroxyl kinase Clp1                                                      |
| Q96Q77    | Calcium and integrin-binding family member 3                                                    |
| O95833    | Chloride intracellular channel protein 3                                                        |
| Q8N3C7    | CAP-Gly domain-containing linker protein 4                                                      |
| Q5HYK3    | 2-methoxy-6-polypropyl-1,4-benzoquinol methylase, mitochondrial                               |
| Q96MF6    | Coenzyme Q-binding protein COQ10 homolog A, mitochondrial                                       |
| P20853    | Cytochrome P450 2A7                                                                             |
| Q99627    | COP9 signalosome complex subunit 8                                                             |
| Q8UH2     | Protein CREG2                                                                                  |
| P23508    | Colorectal mutant cancer protein MCC                                                            |
| O43809    | Cleavage and polyadenylation specificity factor subunit 5                                       |
| Q9UGL9    | Cysteine-rich C-terminal protein 1                                                              |
| Q6XMLA1   | Protein CASC2, isoform 3                                                                        |
| Q95727    | Cytotoxic and regulatory T-cell molecule                                                        |
| A6NJJ6    | UPF0575 protein C19orf67                                                                        |
| A0A1B0GUS0| Uncharacterized protein C19orf85                                                                |
| Q9BZJ0    | Crooked neck-like protein 1                                                                     |
| Q5JRM2    | Uncharacterized protein CXorf66                                                                 |
| Q9P1W3    | Calcium permeable stress-gated cation channel 1                                                 |
| Q96LM9    | Uncharacterized protein C20orf173                                                                |
| P35222    | Catenin beta-1                                                                                  |
| A4FU28    | CtAGE family member 9                                                                           |
| Q9LUA0    | Cytosin-4                                                                                       |
| Q7FLF8    | CXXC-type zinc finger protein 5                                                                  |
| O43739    | Cytosin-3                                                                                       |
| Q6ZN03    | Putative uncharacterized protein encoded by LINC00322                                            |
| Q9H1P6    | Uncharacterized protein C20orf85                                                                |
| P0I037    | Cystatin-SN                                                                                     |
| Q9NUB4    | Uncharacterized protein C20orf141                                                                |
| Q98QM9    | Uncharacterized protein C20orf144                                                                |
| Q6PSX5    | UPF0543 protein C22orf39                                                                        |
| Q13618    | Culmin-3                                                                                        |
| Q9NUU7    | ATP-dependent RNA helicase DDX19A                                                                |
| Q9UN19    | Dual adapter for phosphotyrosine and 3-phosphotyrosine and 3-phosphoinositide                   |
| Q9NX09    | DNA damage-inducible transcript 4 protein                                                        |
| P51530    | DNA replication ATP-dependent helicase/nuclease DNA2                                             |
| Q13316    | Dentin matrix acidic phosphoprotein 1                                                           |
| P26358    | DNA                                                                                             |
| P28485    | Corticosteroid 11-beta-dehydrogenase isozyme 1                                                  |
| Accession | Gene Name | Description |
|-----------|-----------|-------------|
| P55265    | Double-stranded RNA-specific adenosine deaminase | ADAR |
| Q7Z589    | BRCA2-interacting transcriptional repressor EMSY | EMSY |
| Q86VI1    | Exocyst complex component 3-like protein | EXOC3L1 |
| P52797    | Ephrin-A3 | EFNA3 |
| Q6ZVH7    | Espin-like protein | ESPNL |
| A8MX8     | Putative protein FAM90A5P | FAM90A5P |
| Q9UQ84    | Exonuclease 1 | EXO1 |
| P19652    | Alpha-1-acid glycoprotein 2 | ORM2 |
| Q96AP0    | Adrenocortical dysplasia protein homolog | ACD |
| Q13541    | Eukaryotic translation initiation factor 4E-binding protein 1 | EIF4EBP1 |
| O95264    | 5-hydroxytryptamine receptor 3B | HTR3B |
| Q149934   | All-trans-retinol dehydrogenase | ADH7 |
| Q9NP70    | Ameloblastin | AMBN |
| O43572    | A-kinase anchor protein 10, mitochondrial | AKAP10 |
| O95076    | Homeobox protein aristaless-like 3 | ALX3 |
| P02768    | Albumin | ALB |
| P18825    | Alpha-2C adrenergic receptor | ADRA2C |
| Q9NNQ90   | Anoctamin-2 | ANO2 |
| P50583    | Bis | NUDT2 |
| Q96PC3    | AP-1 complex subunit sigma-3 | AP1S3 |
| P30533    | Alpha-2-macroglobulin receptor-associated protein | LRPA1 |
| Q72628    | Neuroepithelial cell-transforming gene 1 protein | NET1 |
| Q96C12    | Armadillo repeat-containing protein 5 | ARMC5 |
| Q98767    | Angiopoetin-related protein 4 | ANGPTL4 |
| Q8IU7     | Armadillo repeat-containing protein 8 | ARMC8 |
| Q9UMQ3    | Homeobox protein BarH-like 2 | BARX2 |
| Q8N535    | Putative uncharacterized protein encoded by LINC00471 | LINC00471 |
| Q5JW98    | Calcium homeostasis modulator protein 4 | CALHM4 |
| Q5EG05    | Caspase recruitment domain-containing protein 16 | CARD16 |
| Q96MC9    | Uncharacterized protein C1orf147 | C1orf147 |
| Q9P1Z2    | Calcium-binding and coiled-coil domain-containing protein 1 | CALCOCO1 |
| Q9NR16    | Scavenger receptor cysteine-rich type 1 protein M160 | CD163L1 |
| Q5JX7     | Uncharacterized protein C1orf141 | C1orf141 |
| Q9H572    | Cadherin-23 | CDH23 |
| Q75973    | C1q-related factor | C1QL1 |
| B7Z1M9    | C2 calcium-dependent domain-containing protein 4D | C2CD4D |
| P5937     | Calbindin | CALB1 |
| Q9BX69    | Caspase recruitment domain-containing protein 6 | CARD6 |
| Q9UNH5    | Dual specificity protein phosphatase CDC14A | CDC14A |
| Q4V339    | COBW domain-containing protein 6 | CBWD6 |
| Q5S955    | Coiled-coil domain-containing protein 18 | CCDC18 |
| Q96GN5    | Cell division cycle-associated 7-like protein | CDC7L |
| Q4988     | Coiled-coil domain-containing protein 14 | CCDC14 |
| Q8N1V2    | Cilia- and flagella-associated protein 52 | CFAP52 |
| P0CG37    | Cryptic protein | CFC1 |
| Accession | Protein Name                          | Gene Symbol |
|-----------|--------------------------------------|-------------|
| Q9H9P2    | Chondrolectin                         | CHODL       |
| P16671    | Platelet glycoprotein 4               | CD36        |
| Q08722    | Leukocyte surface antigen CD47        | CD47        |
| Q6NE16    | Carbohydrate sulfotransferase 13     | CHST13      |
| Q9H2J1    | Uncharacterized protein ARRD1-AS1     | ARRD1-AS1   |
| P38936    | Cyclin-dependent kinase inhibitor 1   | CDKN1A      |
| Q6ZRZ4    | Uncharacterized protein C9orf47       | C9orf47     |
| Q5VT2     | Protein C9orf135                      | C9orf135    |
| Q98XL8    | Cell division cycle-associated protein 4 | CDCA4      |
| Q9UK58    | Cyclin-L1                            | CCNL1       |
| P06126    | T-cell surface glycoprotein CD1a      | CD1A        |
| Q9Y5P4    | Ceramide transfer protein             | CERT1       |
| Q76876    | CCN family member 5                  | CCN5        |
| P78396    | Cyclin-A1                            | CCNA1       |
| C9DV5     | Putative uncharacterized protein C12orf77 | C12orf77   |
| Q9Y2R0    | Cytochrome c oxidase assembly factor 3 homolog, mitochondrial | COA3       |
| Q95628    | CCR4-NOT transcription complex subunit 4 | CNOT4      |
| Q9UFF9    | CCR4-NOT transcription complex subunit 8 | CNOT8      |
| Q9NS75    | Cysteinyl leukotriene receptor 2      | CYSLTR2     |
| Q94983    | Calmodulin-binding transcription activator 2 | CAMTA2     |
| Q14406    | Chorionic somatomammotropin hormone-like 1 | CSHL1      |
| P0DMU7    | Cancer/testis antigen family 45 member A6 | CT45A6     |
| Q8WUE5    | Cancer/testis antigen 55              | CT55        |
| P12074    | Cytochrome c oxidase subunit 6A1, mitochondrial | COX6A1     |
| Q98QA9    | Cytochrome b-245 chaperone 1          | CYBC1       |
| Q8WW86    | Chromosome transmission fidelity protein 18 homolog | CHTF18   |
| O43246    | Cationic amino acid transporter 4     | SLC7A4      |
| Q98WK5    | Cell cycle regulator of non-homologous end joining | CYREN     |
| Q6N907    | DAN domain family member 5            | DAND5       |
| P0C7V7    | DD81- and CUL4-associated factor 8-like protein 2 | DCAF8L2 |
| Q9NQZ3    | Deleted in azoospermia protein 1      | DAZ1        |
| O6EOU4    | Dermokine                            | DMKN        |
| O76075    | DNA fragmentation factor subunit beta | DFFB        |
| Q9H1M3    | Beta-defensin 129                     | DEFB129     |
| Q96C10    | Probable ATP-dependent RNA helicase DHX58 | DHX58   |
| Q99615    | Dnaj homolog subfamily C member 7     | DNAJC7      |
| Q98PX1    | 17-beta-hydroxysteroid dehydrogenase 14 | HSD17B14  |
| Q15398    | Disks large-associated protein 5      | DLGAP5      |
| Q5F1R6    | Dnaj homolog subfamily C member 21    | DNAJC21     |
| P14061    | 17-beta-hydroxysteroid dehydrogenase type 1 | HSD17B1  |
| Q9Y2G8    | Dnaj homolog subfamily C member 16    | DNAJC16     |
| P51452    | Dual specificity protein phosphatase 3 | DUSP3      |
| Q19T08    | Endothelial cell-specific chemotaxis regulator | ECSCR   |
| Q9U1I6    | Dual specificity protein phosphatase 13 isoform B | DUSP13 |
| Q9NZN4    | EH domain-containing protein 2        | EHD2        |
| Accession  | Description                                                                 |
|------------|-----------------------------------------------------------------------------|
| Q9Y2G0     | Protein EFR3 homolog B                                                      |
| P0DP91     | Chimeric ERCC6-PGBD3 protein                                               |
| P28715     | DNA repair protein complementing XP-G cells                                |
| P03372     | Estrogen receptor                                                           |
| P36639     | 7,8-dihydro-8-oxoguanine triphosphatase                                    |
| Q9UBZ4     | DNA-                                                                       |
| A6NGH8     | Ankyrin repeat domain-containing protein 6                                  |
| O00213     | Amyloid-beta A4 precursor protein-binding family B member 1                 |
| Q96BM9     | ADP-ribosylation factor-like protein 8A                                      |
| Q722E3     | Aprataxin                                                                   |
| P04114     | Apolipoprotein B-100                                                        |
| P08519     | Apolipoprotein                                                             |
| Q68DC2     | Ankyrin repeat and SAM domain-containing protein 6                          |
| Q9H8Y5     | Ankyrin repeat and zinc finger domain-containing protein 1                  |
| Q9C0F0     | Putative Polycomb group protein ASXL3                                       |
| Q9HD20     | Endoplasmic reticulum transmembrane helix translocase                       |
| Q9GZN4     | Brain-specific serine protease 4                                            |
| Q95861     | 3'                                                                          |
| P63234     | Protein BTG1                                                                |
| P48751     | Anion exchange protein 3                                                    |
| Q9UHQ4     | B-cell receptor-associated protein 29                                       |
| Q9NRG2     | Bromodomain adjacent to zinc finger domain protein 1A                       |
| Q8ND20     | BEN domain-containing protein 2                                              |
| Q8N36      | Cell adhesion molecule 2                                                    |
| Q575A4     | Protein C1orf194                                                            |
| Q3MIR4     | Cell cycle control protein 50B                                              |
| Q8N715     | Coiled-coil domain-containing protein 185                                   |
| Q96798     | Voltage-dependent calcium channel gamma-2 subunit                          |
| P51671     | Eotaxin                                                                     |
| Q9C0D2     | Centrosomal protein of 295 kDa                                             |
| PB0098     | C-C motif chemokine 7                                                       |
| Q9H444     | Charged multivesicular body protein 4b                                      |
| Q99653     | Calcineurin B homologous protein 1                                          |
| Q9UEE9     | Craniofacial development protein 1                                          |
| Q96N11     | Uncharacterized protein C7orf26                                             |
| Q9C0I3     | Serine-rich coiled-coil domain-containing protein 1                         |
| P28906     | Hematopoietic progenitor cell antigen CD34                                  |
| P09326     | CD48 antigen                                                                |
| P30279     | G1/S-specific cyclin-D2                                                     |
| Q96LM1     | Putative uncharacterized protein encoded by LINC00615                       |
| P07357     | Complement component C8 alpha chain                                        |
| P15391     | B-lymphocyte antigen CD19                                                   |
| O75829     | Leukocyte cell-derived chemotaxin 1                                         |
| Q8N812     | Uncharacterized protein C1orf76                                             |
| Q96P09     | Cadherin-related family member                                              |
| P27658     | Collagen alpha-1                                                           |
| Q8NAS57    | Uncharacterized protein C1orf50                                             |
| Accession  | Description                                                                 | UniProt ID |
|------------|------------------------------------------------------------------------------|------------|
| Q8WYK1     | Contactin-associated protein-like 5                                           | CNTNAP5    |
| Q9C0C6     | CLOCK-interacting pacemaker                                                   | CIPC       |
| Q86T13     | C-type lectin domain family 14 member A                                       | CLEC14A    |
| O75122     | CLIP-associating protein 2                                                    | CLASP2     |
| Q8NE01     | Metal transporter CNNM3                                                      | CNNM3      |
| Q9NXG0     | Centlein                                                                     | CNTLN      |
| Q8N6V4     | UPF0728 protein C10orf53                                                     | C10orf53   |
| Q9F683     | Uncharacterized protein CLBA1                                                | CLBA1      |
| P56277     | Cx9C motif-containing protein 4                                               | CMC4       |
| O75838     | Calcium and integrin-binding family member 2                                  | CIB2       |
| P01911     | HLA class II histocompatibility antigen, DRB1 beta chain                     | HLA-DRB1   |
| P13762     | HLA class II histocompatibility antigen, DR beta 4 chain                     | HLA-DRB4   |
| A0PK11     | Clarin-2                                                                     | CLRN2      |
| P35523     | Chloride channel protein 1                                                   | CLCN1      |
| Q96DY2     | Dynein regulatory complex protein 10                                          | IQCD       |
| Q15329     | Transcription factor E2F5                                                     | E2F5       |
| Q86XH1     | Dynein regulatory complex protein 11                                          | IQCA1      |
| Q13627     | Dual specificity tyrosine-phosphorylation-regulated kinase 1A                | DYRK1A     |
| O75461     | Transcription factor E2F6                                                     | E2F6       |
| Q96MC2     | Dynein regulatory complex protein 1                                            | DRC1       |
| Q9Y463     | Dual specificity tyrosine-phosphorylation-regulated kinase 1B                 | DYRK1B     |
| Q16643     | Drebrin                                                                       | DBN1       |
| Q96AV8     | Transcription factor E2F7                                                     | E2F7       |
| Q98QC3     | EF-hand calcium-binding domain-containing protein 1                            | DPH2       |
| P33316     | Deoxyuridine 5'-triphosphate nucleotidohydrolase, mitochondrial              | DUT        |
| Q8IXS2     | Dynein regulatory complex subunit 2                                            | CCDC65     |
| Q86XF0     | Dihydrofolate reductase 2, mitochondrial                                      | DHFR2      |
| Q9Y295     | Developmentally-regulated GTP-binding protein 1                               | DRG1       |
| Q9H069     | Dynein regulatory complex subunit 3                                            | DRC3       |
| A6NFE3     | EF-hand calcium-binding domain-containing protein 10                          | EFCA10     |
| Q9H4G8     | Putative DPH3 homolog B                                                        | DPH3P1     |
| A0AVK6     | Transcription factor E2F8                                                     | E2F8       |
| Q98UY7     | EF-hand calcium-binding domain-containing protein 11                          | EFCA11     |
| Q6NXPO     | EF-hand calcium-binding domain-containing protein 12                          | EFCA12     |
| Q8Y85      | EF-hand calcium-binding domain-containing protein 13                          | EFCA13     |
| P55039     | Developmentally-regulated GTP-binding protein 2                               | DRG2       |
| O75071     | EF-hand calcium-binding domain-containing protein 14                          | EFCA14     |
| Q95996     | Dynein regulatory complex subunit 4                                            | GAS8       |
| Q96FX2     | DPH3 homolog                                                                   | DPH3       |
| P60507     | Endogenous retrovirus group FC1 Env polyprotein                               | ERVFC1     |
| Q92630     | Dual specificity tyrosine-phosphorylation-regulated kinase 2                  | DYRK2      |
| Accession | Description                                      | Protein  |
|-----------|--------------------------------------------------|----------|
| A6NNA5    | Dorsal root ganglia homeobox protein             | DRGX     |
| P60608    | Endogenous retrovirus group FC1 member 1 Env polypeptide | ERVFC1-1 |
| Q6PGQ1    | Aspartate-rich protein 1                         | DRICH1   |
| Q5JU00    | Dynne regulatory complex subunit 5               | TCTE1    |
| Q86YF9    | Zinc finger protein DZIP1                        | DZIP1    |
| P09172    | Dopamine beta-hydroxylase                        | DBH      |
| Q86Y13    | E3 ubiquitin-protein ligase DZIP3                | DZIP3    |
| Q8N4Y2    | EF-hand calcium-binding domain-containing protein 4A | CRACR2B |
| O43781    | Dual specificity tyrosine-phosphorylation-regulated kinase 3 | DYRK3   |
| Q8N6E6    | Dynne regulatory complex subunit 6               | FBXL13   |
| Q9BSW2    | EF-hand calcium-binding domain-containing protein 4B | CRACR2A |
| Q9NR20    | Dual specificity tyrosine-phosphorylation-regulated kinase 4 | DYRK4   |
| Q9HAE3    | EF-hand calcium-binding domain-containing protein 1 | EFCA81   |
| Q8IY82    | Dynne regulatory complex subunit 7               | DRC7     |
| Q8N7B9    | EF-hand calcium-binding domain-containing protein 3 | EFCA83   |
| Q5VUJ9    | Dynne regulatory complex subunit 8               | EFCA82   |
| A4PFU69   | EF-hand calcium-binding domain-containing protein 5 | EFCA85   |
| Q5THR3    | EF-hand calcium-binding domain-containing protein 6 | EFCA86   |
| Q9H095    | Dynne regulatory complex protein 9               | IQCG     |
| Q9H2P9    | Diphthine methyl ester synthase                  | DPH5     |
| A8KB55    | EF-hand calcium-binding domain-containing protein 7 | EFCA87   |
| A8MW69    | EF-hand calcium-binding domain-containing protein 8 | EFCA88   |
| A8MZ26    | EF-hand calcium-binding domain-containing protein 9 | EFCA89   |
| P21728    | D                                                | DRD1     |
| P00374    | Dihydrofolate reductase                         | DHFR     |
| Q9H9A0    | EF-hand and coiled-coil domain-containing protein 1 | EFCC1    |
| Q99704    | Docking protein 1                               | DOK1     |
| P0DPD8    | EEF1AKMT4-EC2 readthrough transcript protein     | EEF1AKMT 4-EC2 |
| Q9HAF1    | Chromatin modification-related protein MEAF6     | MEAF6    |
| Q6ZTU2    | Putative EP400-like protein                      | EP400P1  |
| O60496    | Docking protein 2                               | DOK2     |
| Q9HR4G0   | Band 4.1-like protein 1                          | EPB41L1  |
| Q7L591    | Docking protein 3                               | DOK3     |
| Q8TE6W    | Docking protein 4                               | DOK4     |
| P14416    | D                                                | DRD2     |
| Q43491    | Band 4.1-like protein 2                          | EPB41L2  |
| Q9P104    | Docking protein 5                               | DOK5     |
| Q6PKX4    | Docking protein 6                               | DOK6     |
| Q9Y2Z2    | Band 4.1-like protein 3                          | EPB41L3  |
| Q18PE1    | Protein Dok-7                                   | DOK7     |
| P35462    | D                                                | DRD3     |
| Q95905    | Protein ecdysoneless homolog                     | ECD      |
| Q9HCM4    | Band 4.1-like protein 5                          | EPB41L5  |
| Q8IY4Y4   | Zinc finger protein DZIP1L                       | DZIP1L   |
| P59059    | Collagen alpha-1                                | COL15A1  |
| Q17RW2    | Collagen alpha-1                                | COL24A1  |
| Accession | Description                                                                 | Gene   |
|-----------|------------------------------------------------------------------------------|--------|
| Q5TBD3    | Acyl-CoA-binding domain-containing protein 5                                  | ACBD5  |
| P20848    | Putative alpha-1-antitrypsin-related protein                                 | SERPINA2|
| P27348    | 14-3-3 protein theta                                                        | YWHAQ  |
| Q96P26    | Cytosolic 5'-nucleotidase 1B                                                  | NT5C1B |
| P28332    | Alcohol dehydrogenase 6                                                     | ADH6   |
| O75891    | Cytosolic 10-formyltetrahydrofolate dehydrogenase                            | ALDH1L1|
| Q8N6M5    | Probable allantoicase                                                        | ALLC   |
| P05062    | Fructose-bisphosphate aldolase B                                            | ALDOB  |
| C9J069    | Apical junction component 1 homolog                                          | AJM1   |
| Q96F1     | LIM domain-containing protein ajuba                                           | AJUBA  |
| O43918    | Autimmune regulator                                                         | AIRE   |
| Q9Y2D5    | A-kinase anchor protein 2                                                    | AKAP2  |
| Q01433    | AMP deaminase 2                                                              | AMPD2  |
| Q01432    | AMP deaminase 3                                                              | AMPD3  |
| Q3KRA9    | Alpha-ketoglutarate-dependent dioxygenase alkB homolog 6                    | ALKBH6 |
| Q9ULX6    | A-kinase anchor protein 8-like                                               | AKAP8L |
| Q9NXW9    | Alpha-ketoglutarate-dependent dioxygenase alkB homolog 4                    | ALKBH4 |
| Q9Y3Q7    | Disintegrin and metalloproteinase domain-containing protein 18              | ADAM18 |
| Q95940    | Adhesion G protein-coupled receptor L2                                       | ADGRL2 |
| P68032    | Actin, alpha cardiac muscle 1                                                | ACTC1  |
| P54922    | ADPRH                                                                      |        |
| Q86Y7J    | Ankyrin repeat domain-containing protein 13B                                | ANKRD13B|
| P50995    | Annexin A11                                                                 | ANXA11 |
| P60006    | Anaphase-promoting complex subunit 15                                       | ANAPC15|
| Q92481    | Transcription factor AP-2-beta                                               | TFAP2B |
| Q9C0C7    | Activating molecule in BECN1-regulated autophagy protein 1                  | AMBRA1 |
| P0DTE8    | Alpha-amylase 1C                                                             | AMY1C  |
| P03950    | Angiogenin                                                                  | ANG    |
| Q43827    | Angiopoietin-related protein 7                                               | ANGPTL7|
| Q9Y264    | Angiopoietin-4                                                              | ANGPT4 |
| Q6PHY5    | Armadillo-like helical domain containing protein 1                          | ARMH1  |
| Q6ICH7    | Aspartate beta-hydroxylase domain-containing protein 2                      | ASPHD2 |
| Q8IZT6    | Abnormal spindle-like microcephaly-associated protein                       | ASPM   |
| Q96KQ4    | Apoptosis-stimulating of p53 protein 1                                      | PPP1R13B|
| POC7U1    | Putative inactive neutral ceramidase B                                      | ASAHA2B|
| Q7L266    | Isoaspartyl peptidase/L-asparaginase                                         | ASRG1L |
| Q8N9N2    | Activating signal cointegrator 1 complex subunit 1                          | ASCC1  |
| Q99584    | Autophagy-related protein 101                                                | ATG101 |
| O75185    | Calcium-transporting ATPase type 2C member 2                                | ATP2C2 |
| P23634    | Plasma membrane calcium-transporting ATPase 4                               | ATP2B4 |
| O15145    | Actin-related protein 2/3 complex subunit 3                                 | ARPC3  |
| P51795    | H                                                                           | CLCN5  |
| O95832    | Claudin-1                                                                   | CLDN1  |
| O95484    | Claudin-9                                                                   | CLDN9  |
| P03928    | ATP synthase protein 8                                                      | MT-ATP8|
| Accession  | Description                                                                 | Uniprot ID |
|------------|-----------------------------------------------------------------------------|------------|
| O43861     | Probable phospholipid-transporting ATPase IIB                               | ATP9B      |
| Q58HT5     | Acyl-CoA wax alcohol acyltransferase 1                                      | AWAT1      |
| Q5VV63     | Attractin-like protein 1                                                    | ATRNL1     |
| Q6ZW13     | Uncharacterized protein C16orf86                                           | C16orf86   |
| Q9UKP5     | A disintegrin and metalloproteinase with thrombospondin motifs 6           | ADAMTS6    |
| O14981     | TATA-binding protein-associated factor 172                                 | BTA1       |
| Q725Y6     | Bone morphogenetic protein 8A                                              | BMP8A      |
| O00238     | Bone morphogenetic protein receptor type-1B                                 | BMPR1B     |
| Q06187     | Tyrosine-protein kinase BTK                                                 | BTK        |
| Q493K6     | BolA-like protein 2                                                         | BOLA2      |
| Q69YU5     | Protein BRAWIN                                                             | BRAWIN     |
| Q8NW66     | Protein boule-like                                                         | BOLL       |
| Q72569     | BRCA1-associated protein                                                    | BRAP       |
| Q00973     | Beta-1,4 N-acetylgalactosaminyltransferase 1                                | B4GALNT1   |
| P51572     | B-cell receptor-associated protein 31                                       | BCAP31     |
| Q55Z8J     | BEN domain-containing protein 6                                             | BEN6D      |
| O14874     |                                                                                 | BCKD       |
| P47755     | F-actin-capping protein subunit alpha-2                                      | CAPZA2     |
| Q86XXO     | Calcium homeostasis modulator protein 3                                     | CALHM3     |
| Q6LUQ4     | Uncharacterized protein C2orf66                                             | C2orf66    |
| A6NN90     | Uncharacterized protein C2orf81                                             | C2orf81    |
| P55285     | Cadherin-6                                                                  | CDH6       |
| Q8NEO5     | Transmembrane protein C1orf162                                              | C1orf162   |
| P54289     | Voltage-dependent calcium channel subunit alpha-2/delta-1                   | CACNA2D1   |
| P02746     | Complement C1q subcomponent subunit B                                       | C1QB       |
| Q72692     | Carcioembryonic antigen-related cell adhesion molecule 19                   | CEACAM19   |
| Q14002     | Carcioembryonic antigen-related cell adhesion molecule 7                     | CEACAM7    |
| Q5T1J5     | Putative coiled-coil-helix-coiled-coil-helix domain-containing protein CHCHD2P9, mitochondrial | CHCHD2P9 |
| P09693     | T-cell surface glycoprotein CD3 gamma chain                                 | CD3G       |
| Q6ZRC1     | Uncharacterized protein C4orf50                                             | C4orf50    |
| Q4W40Y     | Uncharacterized protein C14orf28                                            | C14orf28   |
| Q96M20     | Cyclic nucleotide-binding domain-containing protein 2                        | CNBD2      |
| Q96DG6     | Carboxymethylubutenoildase homolog                                          | CMBl       |
| P08772     | Collagen alpha-2                                                            | COL4A2     |
| A8MV24     | Uncharacterized protein C17orf98                                            | C17orf98   |
| Q9Y3A0     | Ubiquinone biosynthesis protein COQ4 homolog, mitochondrial                | COQ4       |
| Q96DL7     | Uncharacterized protein C18orf63                                            | C18orf63   |
| Q6ZWL3     | Cytochrome P450 4V2                                                         | CYP4V2     |
| P04141     | Granulocyte-macrophage colony-stimulating factor                            | CSF2       |
| P00156     | Cytochrome b                                                                | MT-CYB     |
| Q6QHC5     | Sphingolipid delta                                                          | DEGS2      |
| Q9UDY4     | DnaJ homolog subfamily B member 4                                            | DNAJB4     |
| Q9GZP9     | Derlin-2                                                                   | DERL2      |
| PC012G12   | Decreased expression in renal and prostate cancer protein                   | DERPDC     |
| Q8TDM6     | Disks large homolog 5                                                       | DLG5       |
| ID     | Description                                                                 |
|--------|-----------------------------------------------------------------------------|
| Q8TBMB | DnaJ homolog subfamily B member 14                                           |
| O75165 | DnaJ homolog subfamily C member 13                                            |
| O95661 | GTP-binding protein Di-Ras3                                                  |
| Q969H9 | Disrupted in renal carcinoma protein 1                                      |
| P57055 | Protein ripply3                                                              |
| Q9NRF9 | DNA polymerase epsilon subunit                                              |
| Q00858 | Epithelial cell-transforming sequence 2 oncogene-like                        |
| Q94988 | Dipeptidase 3                                                               |
| P51808 | Dynein light chain Tctex-type 3                                              |
| Q9UJ72 | Annexin A10                                                                 |
| Q5T9G4 | Armadillo repeat-containing protein 12                                       |
| Q99856 | A1-rich interactive domain-containing protein 3A                             |
| H38NL8 | Armadillo-like helical domain-containing protein 2                           |
| Q9H0Y0 | Ubiquitin-like-conjugating enzyme ATG10                                      |
| P61160 | Actin-related protein 2                                                      |
| Q9UHC3 | Acid-sensing ion channel 3                                                  |
| Q5FYA8 | Arylsulfatase H                                                              |
| Q5FY1  | Arylsulfatase I                                                              |
| Q92485 | Acid sphingomyelinase-like phosphodiesterase 3b                             |
| Q99PX5 | Actin-related protein 2/3 complex subunit 5-like protein                    |
| P51797 | Chloride transport protein 6                                                 |
| O8N6F1 | Claudin-19                                                                  |
| Q9NQ51 | Cell death regulator Aven                                                    |
| Q9H1Z8 | Augurin                                                                      |
| P35670 | Copper-transporting ATPase 2                                                 |
| Q9Y281 | Cofilin-2                                                                    |
| A6NM6  | Putative annexin A2-like protein                                             |
| P56381 | ATP synthase subunit epsilon, mitochondrial                                 |
| Q92858 | Protein atonal homolog 1                                                     |
| P54132 | Bloom syndrome protein                                                       |
| Q8N8U9 | BMP-binding endothelial regulator protein                                    |
| O60238 | BCL2/adenovirus E1B 19 kDa protein-interacting protein 3-like               |
| Q13075 | Baculoviral IAP repeat-containing protein 1                                  |
| P25440 | Bromodomain-containing protein 2                                             |
| Q92934 | Bcl2-associated agonist of cell death                                       |
| Q9Y2C3 | Beta-1,3-galactosyltransferase 5                                             |
| Q9Y2A9 | N-acetyllactosaminidase beta-1,3-N-acetylgalcosaminytransferase 3            |
| P63098 | Calcinurin subunit B type 1                                                  |
| Q93088 | Betaine-homocysteine S-methyltransferase 1                                   |
| Q9UQ6Q | Calpain-11                                                                   |
| O9NRR8 | CDC42 small effector protein 1                                               |
| A2AJT9 | BCLAF1 and THRAP3 family member 3                                            |
| Q8NDD1 | Uncharacterized protein C1orf131                                             |
| Q9NNS2 | Uncharacterized protein C1orf112                                             |
| Q62SJR | Uncharacterized protein C1orf122                                             |
| P02747 | Complement C1q subcomponent subunit C                                        |
| Q9P1Y5 | Calmodulin-regulated spectrin-associated protein 3                           |
| Accession | Gene Name | Description |
|-----------|-----------|-------------|
| B2RNN3 | Complement C1q and tumor necrosis factor-related protein 9B | C1QTNF9B |
| Q03135 | Caveolin-1 | CAV1 |
| Q76M96 | Coiled-coil domain-containing protein 80 | CCDC80 |
| Q8N118 | Putative uncharacterized protein encoded by CACTIN-AS1 | CACTIN-AS1 |
| Q9ULU8 | Calcium-dependent secretion activator 1 | CADPS |
| P30988 | Calcitonin receptor | CALCR |
| F5H4A9 | Uncharacterized membrane protein C3orf80 | C3orf80 |
| Q6UXS9 | Inactive caspase-12 | CASP12 |
| A0A0D9SF12 | Transmembrane protein CCDC163 | CCDC163 |
| P13500 | C-C motif chemokine 2 | CCL2 |
| P0C716 | Coiled-coil domain-containing protein 159 | CCDC159 |
| Q16627 | C-C motif chemokine 14 | CCL14 |
| Q8IYX8 | Centrosomal protein CEP57L1 | CEP57L1 |
| Q9NU7U | Cerebelin-4 | CBLN4 |
| P15086 | Carboxypeptidase B | CPB1 |
| Q9BRT8 | COBW domain-containing protein 1 | CBWD1 |
| Q9NR0G | Chromatin accessibility complex protein 1 | CHRAC1 |
| P15882 | N-chimaerin | CHN1 |
| P49716 | CCAAT/enhancer-binding protein delta | CEBPD |
| Q7Z6I8 | UPF0461 protein C5orf24 | C5orf24 |
| P0DMQ9 | Putative uncharacterized protein C8orf89 | C8orf89 |
| A4E0T2 | Uncharacterized protein C7orf66 | C7orf66 |
| O14646 | Chromodomain-helicase-DNA-binding protein 1 | CHD1 |
| O1HCK8 | Chromodomain-helicase-DNA-binding protein 8 | CHD8 |
| Q8N1I6 | UPF0462 protein C4orf33 | C4orf33 |
| Q14O94 | Cyclin-I | CCNI |
| A0A0U1RR6 | Centromere protein V-like protein 3 | CENPV3 |
| Q97002 | Cyclin-dependent kinase 18 | CDK18 |
| P11802 | Cyclin-dependent kinase 4 | CDK4 |
| Q9GZX3 | Carbohydrate sulfotransferase 6 | CHST6 |
| Q9NZ8N | CCR4-NOT transcription complex subunit 2 | CNOT2 |
| Q96F8S | CB1 cannabinoid receptor-interacting protein 1 | CNRIP1 |
| C91R9 | Uncharacterized protein C11orf95 | C11orf95 |
| A8K714 | Calcium-activated chloride channel regulator 1 | CLCA1 |
| P02462 | Collagen alpha-1 | COL4A1 |
| P29793 | cGMP-gated cation channel alpha-1 | CNGA1 |
| Q9RT09 | Protein canopy homolog 3 | CNP3 |
| Q00203 | Cortstatin | CORT |
| Q966Q5 | Cysteine-rich protein 3 | CRIP3 |
| O6R71U | Uncharacterized protein C19orf48 | C19orf48 |
| Q9NVZV2 | Putative uncharacterized protein C19orf73 | C19orf73 |
| Q8ULU8 | Cytokine receptor-like factor 3 | CRLF3 |
| Q13536 | Protein CROC-4 | MIR9-1HG |
| Q6Q6Q2 | Cytochrome c oxidase subunit 6B2 | COX6B2 |
| P11485 | Cytochrome c oxidase subunit 6B1 | COX6B1 |
| Q8WWM9 | Cytochrome c oxidase subunit 6B1 | COX6B1 |
| Q8NEC5 | Cation channel sperm-associated protein 1 | CATSPER1 |
| Q66P8 | DNA cross-link repair 1A protein | DLKRE1A |
| P12838 | Neutrophil defensin 4 | DEFA4 |
| Accession | Description                                                | Gene   |
|-----------|-------------------------------------------------------------|--------|
| Q9BUQ8    | Probable ATP-dependent RNA helicase DDX23                   | DDX23  |
| Q96EP5    | DAZ-associated protein 1                                    | DAZAP1|
| P24855    | Deoxyribonuclease-1                                          | DNASE1 |
| P25686    | DnaJ homolog subfamily B member 2                           | DNAJB2 |
| Q9UBX3    | Mitochondrial dicarboxylate                                 | SLC25A10 |
| P25685    | DnaJ homolog subfamily B member 1                           | DNAJB1 |
| P49184    | Deoxyribonuclease-1-like 1                                  | DNASE1L1 |
| Q8WUY9    | DEP domain-containing protein                               | DEPDC1B |
| O14490    | Disks large-associated protein 1                            | DLGAP1 |
| Q9Y4D2    | Diacylglycerol lipase-alpha                                  | DAGLA |
| Q92506    | Estradiol 17-beta-dehydrogenase 8                           | HSD17B8 |
| Q9UQ10    | Trans-1,2-dihydrobenzene-1,2-diol dehydrogenase             | DHDH   |
| O60869    | Endothelial differentiation-related factor 1                 | EDF1   |
| P32926    | Desmoglein-3                                                | DSG3   |
| Q86UW9    | Probable E3 ubiquitin-protein ligase DTX2                   | DTX2   |
| Q8NEJ0    | Dual specificity protein phosphatase 18                      | DUSP18 |
| Q8TD84    | Down syndrome cell adhesion molecule-like protein 1         | DSCAML1|
| Q8NCM8    | Cytoplasmic dynein 2 heavy chain 1                          | DYN2H1 |
| Q9BVJ7    | Dual specificity protein phosphatase 23                     | DUSP23 |
| P63172    | Dynemin light chain Tctex-type 1                            | DYNL1  |
| Q7Z5Q5    | DNA polymerase nu                                            | POLN   |
| P55199    | RNA polymerase II elongation factor ELL                      | ELL    |
| Q9UKU7    | Isobutyryl-CoA dehydrogenase, mitochondrial                 | ACAD8  |
| Q16570    | Atypical chemokine receptor 1                               | ACKR1  |
| A0P1Z0    | Putative ankyrin repeat domain-containing protein 20A5      | ANKRD20A |
| P30926    | Neuronal acetylcholine receptor subunit beta-4               | CHRNB4 |
| Q96IX9    | Putative ankyrin repeat domain-containing protein 26-like 1 | ANKRD36B |
| Q8NHS2    | Putative aspartate aminotransferase, cytoplasmic 2           | GOT1L1 |
| P33897    | ATP-binding cassette sub-family D member 1                   | ABCD1  |
| P08908    | 5-hydroxytryptamine receptor 1A                             | HTR1A  |
| Q9UG63    | ATP-binding cassette sub-family F member 2                   | ABCF2  |
| Q5JWF8    | Actin-like protein 10                                        | ACTL10 |
| Q62NF0    | Acid phosphatase type 7                                      | ACP7   |
| Q13362    | Acid phosphatase type 2A 56 kDa regulatory subunit gamma     | PPP2R5C |
| Q60503    | Adenylate cyclase type 9                                     | ADCY9  |
| Q14246    | Adhesion G protein-coupled receptor E1                       | ADGRE1 |
| P30556    | Type-1 angiotensin II receptor                               | AGTR1  |
| Q8IVF6    | Ankyrin repeat domain-containing protein 18A                 | ANKRD18A |
| Q8N2N9    | Ankyrin repeat domain-containing protein 36B                 | ANKRD36B |
| O14727    | Apoptotic protease-activating factor 1                       | APAF1  |
| Q53RE8    | Ankyrin repeat domain-containing protein 39                  | ANKRD39 |
| Accession | Description                                      | Name              |
|-----------|--------------------------------------------------|-------------------|
| Q8NB46    | Serine/threonine-protein phosphatase 6 regulatory ankyrin repeat subunit C | ANKRD52           |
| Q9Y689    | ADP-ribosylation factor-like protein 5A          | ARL5A             |
| P04083    | Annexin A1                                      | ANXA1             |
| Q13520    | Aquaporin-6                                     | AQP6              |
| Q96PS8    | Aquaporin-10                                    | AQP10             |
| Q9P291    | Armadillo repeat-containing X-linked protein 1   | ARMCX1            |
| P18850    | Cyclic AMP-dependent transcription factor ATF-6 alpha | ATF6             |
| P18847    | Cyclic AMP-dependent transcription factor ATF-3  | ATF3              |
| P00966    | Argininosuccinate synthase                      | ASS1              |
| A6NEK1    | Arrestin domain-containing protein 5             | ARRDC5            |
| P54253    | Ataxin-1                                         | ATXN1             |
| P25705    | ATP synthase subunit alpha, mitochondrial        | ATP5F1A           |
| P56748    | Claudin-8                                        | CLDN8             |
| Q04855    | Copper-transporting ATPase 1                     | ATP7A             |
| O15169    | Axin-1                                           | AXIN1             |
| P82987    | ADAMTS-like protein 3                            | ADAMTS3           |
| A8MY62    | Putative beta-lactamase-like 1                   | LACTBL1           |
| Q96KE9    | BTB/POZ domain-containing protein 6              | BTBD6             |
| A8MVZ5    | Butyrophilin-like protein 10                     | BTN1L10           |
| Q6ZT62    | Barpin                                          | BARGIN            |
| Q9Y3E2    | BoaA-like protein 1                              | BOLA1             |
| Q99933    | BAG family molecular chaperone regulator 1      | BAG1              |
| Q8N1M1    | Bestrophin-3                                     | BEST3             |
| Q9UIF9    | Bromodomain adjacent to zinc finger domain protein 2A | BAZ2A            |
| Q9NP86    | Calcium-binding protein 5                        | CABP5             |
| Q96LS8    | Putative uncharacterized protein C2orf48         | C2orf48           |
| Q98XJ3    | Complement C1q tumor necrosis factor-related protein 4 | C1QTNF4          |
| Q5TSS1    | Coiled-coil domain-containing protein 183        | CCDC183           |
| Q5RIA9    | COBW domain-containing protein 5                 | CBWD5             |
| Q8N319    | Uncharacterized protein C6orf223                 | C6orf223          |
| Q99459    | Cell division cycle 5-like protein               | CDC5L             |
| O75419    | Cell division control protein 45                 | CDC45             |
| Q9Y259    | Choline/ethanolamine kinase                      | CHKB              |
| P36222    | Chitinase-3-like protein 1                        | CHI3L1            |
| Q90CF1    | Centrosomal protein of 44 kDa                   | CEP44             |
| Q8IZ16    | Uncharacterized protein C7orf61                 | C7orf61           |
| Q99675    | Cell growth regulator with RING finger domain protein 1 | CGRRF1         |
| Q8WZB0    | Putative uncharacterized protein encoded by LINC00476 | LINC00476        |
| Q13532    | Centromere protein R                             | ICTGBP            |
| Q80526    | Cyclin-dependent kinase 3                        | CDK3              |
| Q15642    | Cdc42-interacting protein 4                      | TRIP10            |
| Q5T48     | Putative uncharacterized protein C6orf52         | C6orf52           |
| A6NJ1     | Uncharacterized protein C11orf86                 | C11orf86          |
| Q9H3H3    | UPF0696 protein C11orf68                         | C11orf68          |
| Q96LI5    | CCR4-NOT transcription complex subunit 6-like    | CNOT6L            |
| Q8IZR5    | CKLF-like MARVEL transmembrane domain-containing protein 4 | CMTM4          |
| Q8TCG1    | Protein CIP2A                                    | CIP2A             |
| Gene ID   | Description                                                                 |
|----------|-----------------------------------------------------------------------------|
| Q9H6Q4  | Cytosolic iron-sulfur assembly component 3                                 |
| Q75503  | Ceroid-lipofuscinosis neuronal protein 5                                    |
| Q9H6B4  | CXADR-like membrane protein                                                 |
| Q96MW5  | Conserved oligomeric Golgi complex subunit 8                               |
| P53674  | Beta-crystallin B1                                                          |
| Q07092  | Collagen alpha-1                                                            |
| Q9HB55  | Cytochrome P450 3A43                                                        |
| P01189  | Pro-opiomelanocortin                                                        |
| Q95639  | Cleavage and polyadenylation specificity factor subunit 4                   |
| Q75131  | Copine-3                                                                   |
| Q2UY09  | Collagen alpha-1                                                            |
| Q8IZJ3  | C3 and PZP-like alpha-2-macroglobulin domain-containing protein 8           |
| P59665  | Neutrophil defensin 1                                                       |
| Q98W61  | DET1- and DDB1-associated protein 1                                          |
| Q6UX07  | Dehydrogenase/reductase SDR family member 13                                |
| Q9UHJ4  | Dipeptidyl peptidase 2                                                      |
| Q9PD7   | Dynein heavy chain 1, axonemal                                              |
| Q9NY33  | Dipeptidyl peptidase 3                                                      |
| P0CJ88  | Double homeobox protein 4-like protein 5                                    |
| Q96PT3  | Double homeobox protein 5                                                   |
| 077932  | Decapping and exoribonuclease protein                                       |
| Q13838  | Spliceosome RNA helicase DDX39B                                             |
| C9JQL5  | Putative dispanin subfamily A member 2d                                     |
| Q8NB4   | Golgi membrane protein 1                                                    |
| Q9N766  | ER membrane protein complex subunit 1                                       |
| Q9H221  | ATP-binding cassette sub-family G member 8                                  |
| P08172  | Muscarinic acetylcholine receptor M2                                         |
| Q9NPB9  | Atypical chemokine receptor 4                                               |
| Q86V21  | Acetocacetyl-CoA synthetase                                                 |
| 004917  | 14-3-3 protein eta                                                          |
| P29274  | Adenosine receptor A2a                                                      |
| Q86WK6  | Amphoterin-induced protein 1                                                |
| 015204  | ADAM DEC1                                                                  |
| Q72AH4  | Protein ADM2                                                               |
| Q0VDE8  | Adipogenin                                                                 |
| P00326  | Alcohol dehydrogenase 1C                                                    |
| P35612  | Beta-adducin                                                               |
| P35609  | Alpha-actinin-2                                                             |
| Q9NZN9  | Aryl-hydrocarbon-interacting protein-like 1                                 |
| Q9UHJ6  | Alpha-methylacetyl-CoA racemase                                             |
| 075969  | A-kinase anchor protein 3                                                   |
| Q49SB1  | Ankyrin repeat and death domain-containing protein 1A                      |
| Q96JD6  | 1,5-anhydro-D-fructose                                                      |
| Q7TAA5  | GDP-Man-Man                                                                 |
| Q4L235  | Beta-alanine-activating enzyme                                              |
| Q4G176  | Malonate--CoA ligase ACSF3, mitochondrial                                   |
| Q00016  | Alkylidihydroxyacetonephosphate synthase, peroxisomal                      |
| Q8N4X5  | Actin filament-associated protein 1-like 2                                  |
| Q9H9L7  | Akirin-1                                                                   |

**Proteins:**
- CIAO3
- CLN5
- CLMP
- COG8
- CRYBB1
- COL16A1
- CYP3A43
- CPSF4
- COL28A1
- CPAMD8
- DDA1
- DHA1
- DPP7
- DPP3
- DUX4L5
- DUX5
- DXO
- DDX39B
- DDX39B
- GOLM1
- EMC1
- ABCG8
- CHRM2
- ACR4
- AACS
- YWHAH
- ADORA2A
- AMIGO1
- ADAMDEC
- ADAM2
- ADIG
- ADH1C
- ADD2
- ACTN2
- AIP1
- AMACR
- AKAP3
- ANKDD1A
- AKR1E2
- ALG11
- AASDH
- ACSF3
- AGPS
- AFAP1L2
- AKIRIN1
| Accession | Description                                      | Accession | Description                                      |
|-----------|-------------------------------------------------|-----------|-------------------------------------------------|
| Q9UHB7    | AF4/FMR2 family member 4                        | Q08AH1    | Acyl-coenzyme A synthetase ACSM1, mitochondrial  |
| O43184    | Disintegrin and metalloproteinase domain-containing protein 12 | ADRB3     | Beta-3 adrenergic receptor                       |
| P13945    | ADAM12                                          | P96K78    | Adhesion G-protein coupled receptor G7           |
| P67079    | ACTB                                            | Q9BYX7    | Putative beta-actin-like protein 3               |
| P35368    | Alpha-1B adrenergic receptor                    | Q96DE5    | Anaphase-promoting complex subunit 16            |
| Q8J025    | APCDD1                                          | O43184    | Acyl-coenzyme A synthetase ACSM1, mitochondrial  |
| Q62TN6    | ADAMTS-like protein 2                           | P13945    | Beta-3 adrenergic receptor                       |
| P84077    | ADAMTS-like protein 2                           | P02555    | Apolipoprotein C-II                              |
| Q13367    | AP3 complex subunit beta-2                      | Q5T9A4    | ATPase family AAA domain-containing protein 3B   |
| Q86TH1    | ADAMTS-like protein 2                           | Q6UWY0    | Arylsulfatase K                                  |
| O43184    | Disintegrin and metalloproteinase domain-containing protein 12 | Q96DE5    | Anaphase-promoting complex subunit 16            |
| P98198    | ATP synthase F                                  | Q8NBU5    | Outer mitochondrial transmembrane helix translocase |
| P51970    | H                                               | Q51970    | H                                               |
| P06576    | ATP synthase subunit beta, mitochondrial         | P16278    | Beta-galactosidase                               |
| Q9UQB9    | Aurora kinase C                                 | O8WXX1    | ATR-interacting protein                          |
| Q6PH81    | UPF0547 protein C16orf87                        | O86Y28    | B melanoma antigen 4                            |
| Q99571    | CD160 antigen                                   | Q00587    | Cdc42 effector protein 1                         |
| Q96LC9    | Bcl-2-modifying factor                          | Q5XL5     | BTB/POZ domain-containing protein 8              |
| P16278    | GLB1                                            | Q8NFQ6    | BPI fold-containing family C protein             |
| Q14201    | BTG3                                            | P0C853    | Putative uncharacterized protein BAALC-AS2       |
| P15056    | BAALC-AS2                                       | Q57F78    | UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase-like protein 1 |
| Q57H81    | Brefeldin A-inhibited guanine nucleotide-exchange protein 3 | Q5TH69    | Brefeldin A-inhibited guanine nucleotide-exchange protein 3 |
| Q86Y28    | B melanoma antigen 4                            | Q98WT7    | CDK5 and ABL1 enzyme substrate 2                 |
| Q75952    | Calcium-binding tyrosine phosphorylation-regulated protein | P07384    | Calpain-1 catalytic subunit                      |
| P07384    | CAPN1                                           | A0A0U1RR3 | Uncharacterized protein C1orf232                 |
| Q9ULB5    | CDH7                                            | Q9ULB4    | Cadherin-9                                       |
| Q5T5Y3    | CAMSAP1                                         | Q27BE0    | CWF19-like protein 2                             |
| Q9ULB4    | Cadherin-9                                       | Q8WD4     | Coiled-coil domain-containing protein 117        |
| Accession | Description | Gene Symbol |
|-----------|-------------|-------------|
| A6NL5C    | UPF0524 protein C3orf70 | C3orf70     |
| A0A1B0GTT1 | Coiled-coil domain-containing protein 201 | CCDC201     |
| Q96V15    | Zinc finger protein castor homolog 1 | CASZ1       |
| P32238    | Choleystokinin receptor type A | CCKAR       |
| P0C221    | Coiled-coil domain-containing protein 175 | CCDC175   |
| Q6ZU55    | Coiled-coil domain-containing protein 121 | CCDC121    |
| P42081    | T-lymphocyte activation antigen CD86 | CD86        |
| Q6ZRI6    | Uncharacterized protein C15orf39 | C15orf39    |
| Q9HAW4    | Claspin | CLSPN       |
| Q9BYD5    | Cornifelin | CNFN        |
| P33552    | Cyclin-dependent kinases regulatory subunit 2 | CKS2       |
| Q6PI25    | Protein cornichon homolog 2 | CNIH2       |
| Q12887    | Proteoheme IX farnesyltransferase, mitochondrial | COX10      |
| P78329    | Cytochrome P450 4F2 | CYP4F2      |
| O43889    | Cyclic AMP-responsive element-binding protein 3 | CREB3      |
| Q8TAV3    | Cytochrome P450 2W1 | CYP2W1      |
| Q9BQ39    | ATP-dependent RNA helicase DDX50 | DDX50      |
| Q8TF63    | Dendritic cell nuclear protein 1 | DCANP1      |
| Q8N8A6    | ATP-dependent RNA helicase DDX51 | DDX51      |
| Q9IWE4    | DCNI-like protein 3 | DCUN1D3     |
| P61962    | DDB1- and CUL4-associated factor 7 | DCAF7      |
| A2VCK2    | Doublecortin domain-containing protein 2B | DCDC2B     |
| Q30KQ7    | Beta-defensin 113 | DEFB113     |
| Q9Y5R5    | Doublesex- and mab-3-related transcription factor 2 | DMRT2      |
| P17661    | Desmin | DES         |
| Q9GZS0    | Dynein intermediate chain 2, axonemal | DNAI2      |
| Q9UBS3    | DNAJ homolog subfamily B member 9 | DNAJB9     |
| Q86YH6    | All trans-polyenyl-diphosphate synthase PDSS2 | PDSS2     |
| Q8NBA8    | tRNA-uridine aminocarboxypropyltransferase 2 | DTWD2      |
| Q9UKB3    | DNAJ homolog subfamily C member 12 | DNAJC12    |
| Q8IVF4    | Dynein heavy chain 10, axonemal | DNAH10     |
| P06967    | Alpha-2-antiplasmin | SERPINF2   |
| Q5QUJ3    | Alkaline ceramidase 2 | ACER2      |
| Q9NX38    | Protein Abitram | ABITRAM     |
| Q86UK0    | ATP-binding cassette sub-family A member 12 | ABCA12     |
| Q9NRA8    | Eukaryotic translation initiation factor 4E transporter | EIF4ENIF1 |
| O60239    | SH3 domain-binding protein 5 | SH3BP5     |
| P19021    | Peptidyl-glycine alpha-amidating monoxygenase | PAM        |
| P45381    | Aspartoacylase | ASPA       |
| Q8N7J2    | APC membrane recruitment protein 2 | AMER2      |
| Q8IY45    | Protein AMN1 homolog | AMN1       |
| O43707    | Alpha-actinin-4 | ACTN4      |
| O43687    | A-kinase anchor protein 7 isoforms alpha and beta | AKAP7      |
| Q9BYD9    | Actin-related protein 13 | ACTRT3     |
| Q9UKV6    | Protein argonaute-2 | AGO2       |
| Q6ZNB7    | Alkylglycerol monoxygenase | AGMO       |
| P51816 | AF4/FMR2 family member 2 | AFF2 |
| Q976B7 | AP-4 complex subunit beta-1 | AP4B1 |
| Q9NYG5 | Anaphase-promoting complex subunit 11 | ANAPC11 |
| Q9Y5R7 | AP-4 complex subunit sigma-1 | AP4S1 |
| Q2VPB7 | AP-5 complex subunit beta-1 | AP5B1 |
| Q8IVV1 | ADP-ribosylation factor-like protein 17 | ARL17A |
| P13928 | Annexin A8 | ANXA8 |
| P27695 | DNA- | APEX1 |
| Q8N6D5 | Ankyrin repeat domain-containing protein 29 | ANKRD29 |
| Q8N7J6 | Tumor suppressor ARF | CDKN2A |
| Q8N2F6 | Armadillo repeat-containing protein 10 | ARMC10 |
| P18157 | Ankyrin-1 | ANK1 |
| Q5YTE6 | Protein angel homolog 2 | ANGEL2 |
| Q9UNK9 | Protein angel homolog 1 | ANGEL1 |
| Q8NAG6 | Ankyrin repeat and LEM domain-containing protein 1 | ANKLE1 |
| Q5H9R4 | Armadillo repeat-containing X-linked protein 4 | ARMCX4 |
| Q7L311 | Armadillo repeat-containing X-linked protein 2 | ARMCX2 |
| P17544 | Cyclic AMP-dependent transcription factor ATF-7 | ATF7 |
| Q2TB18 | Protein asteroid homolog 1 | ASTE1 |
| P14415 | Sodium/potassium-transporting ATPase subunit beta-2 | ATP1B2 |
| Q8YSO | Protein Aster-C | GRAMD1C |
| Q8YA2 | Putative coiled-coil domain-containing protein 144C | CCDC144C |
| P46663 | B1 bradykinin receptor | BDKRB1 |
| Q9Y6E2 | Basic leucine zipper and W2 domain-containing protein 2 | BZW2 |
| P20290 | Transcription factor BTF3 | BTF3 |
| Q9GZL8 | Putative BPES syndrome breakpoint region protein | BPESC1 |
| Q6Y288 | Beta-1,3-glucosyltransferase | B3GLCT |
| P59052 | Putative uncharacterized protein B3GALT5-AS1 | B3GALT5-AS1 |
| Q96L58 | Beta-1,3-galactosyltransferase 6 | B3GALT6 |
| Q9P287 | BRCA2 and CDKN1A-interacting protein | BCCIP |
| Q9BUH8 | Brain-enriched guanylate kinase-associated protein | BEGAIN |
| P35219 | Carbonic anhydrase-related protein | CA8 |
| P10136 | Cystatin-S | CST4 |
| Q8IU99 | Calcium homeostasis modulator protein 1 | CALHM1 |
| Q9N2U7 | Calcium-binding protein 1 | C4BP1 |
| Q969G5 | Caveolae-associated protein 3 | CAVIN3 |
| Q9H246 | Uncharacterized protein C1orf121 | C1orf121 |
| Q956S1 | Uncharacterized protein C1orf105 | C1orf105 |
| O14815 | Calpain-9 | CAPN9 |
| Q9NC38 | Putative uncharacterized protein ZNF436-AS1 | ZNF436-AS1 |
| P03111 | Cathepsin G | CTSG |
| Q6ZU4 | Uncharacterized protein C3orf62 | C3orf62 |
| P0DN24 | Uncharacterized protein C3orf86 | C3orf86 |
| P31944 | Caspase-14 | CASP14 |
| Q5VZK9 | F-actin-uncapping protein LRRC16A | CARMIL1 |
| P04040 | Catalase | CAT |
| Q9NQR7 | Coiled-coil domain-containing protein 177 | CCDC177 |
| Q9UNI1 | Chymotrypsin-like elastase family member 1 | CELA1 |
| Accession  | Description                                                                 | Protein Name   |
|------------|------------------------------------------------------------------------------|----------------|
| Q9NYQ6     | Cadherin EGF LAG seven-pass G-type receptor 1                                | CELSR1         |
| P0DN86     | Choriogonadotropin subunit beta 3                                            | CGB3           |
| Q5TBE3     | Uncharacterized protein C9orf153                                              | C9orf153       |
| Q00532     | Cyclin-dependent kinase-like 1                                               | CDKL1          |
| Q9Y6H1     | Coiled-coil-helix-coiled-helix domain-containing protein 2                   | CHCHD2         |
| Q5VXM1     | CUB domain-containing protein 2                                               | CDCP2          |
| Q9Y240     | C-type lectin domain family 11 member A                                       | CLEC11A        |
| Q5T028     | Uncharacterized protein C6orf132                                              | C6orf132       |
| Q969H4     | Connector enhancer of kinase suppressor of ras 1                             | CNKSR1         |
| Q8WXX1     | Connector enhancer of kinase suppressor of ras 2                             | CNKSR2         |
| Q8TAV5     | Putative uncharacterized protein C11orf45                                    | C11orf45       |
| A0A180GUT2 | Uncharacterized protein C10orf143                                             | C10orf143      |
| Q9H2X3     | C-type lectin domain family 4 member M                                       | CLEC4M         |
| P10909     | Clusterin                                                                   | CLU            |
| Q9P2M7     | Cingulin                                                                    | CGN            |
| A0A180GU   | Uncharacterized protein C13orf46                                             | C13orf46       |
| Q96Q2      | Calmin                                                                      | CLMN           |
| Q96AQ7     | Cell death activator CIDE-3                                                  | CIDE           |
| Q96NY7     | Chloride intracellular channel protein 6                                     | CLIC6          |
| Q9NR63     | Cytochrome P450 26B1                                                         | CYP26B1        |
| Q7KZN9     | Cytochrome c oxidase assembly protein COX15 homolog                          | COX15          |
| A0A180GUT1 | Transmembrane protein C17orf113                                              | C17orf113      |
| Q0VDD5     | Putative uncharacterized protein encoded by MIR22HG                          | MIR22HG        |
| Q6ZS62     | Colorectal cancer-associated protein 1                                       | COLCA1         |
| Q9H3Y0     | Peptidase inhibitor R3HDML                                                    | R3HDML         |
| Q96K9      | Cytochrome c oxidase subunit 4 isofrom 2, mitochondrial                      | COX412         |
| Q75718     | Cartilage-associated protein                                                  | CRTAP          |
| Q32NC0     | UFP0711 protein C18orf21                                                     | C18orf21       |
| A2RUV4     | Colipase-like protein 1                                                      | CLPSL1         |
| Q5JQC4     | Cancer/testis antigen 47A                                                    | CT47A1         |
| A6NM66     | Uncharacterized protein encoded by LINCO1548                                 | LINCO1548      |
| P17302     | Gap junction alpha-1 protein                                                 | GJA1           |
| Q75638     | Cancer/testis antigen 2                                                       | CTAG2          |
| P57773     | Gap junction alpha-9 protein                                                 | GJA9           |
| P49447     | Cytochrome b561                                                              | CYB561         |
| Q96RN9     | Gap junction delta-4 protein                                                 | GJD4           |
| Q9UKL4     | Gap junction delta-2 protein                                                 | GJD2           |
| Q9HA27     | C-X-C motif chemokine 16                                                     | CXCL16         |
| Q9H7T0     | Cation channel sperm-associated protein subunit beta                          | CATSPERB       |
| Q5T1A1     | DC-ESTAMP domain-containing protein 2                                         | DCST2          |
| Q08495     | Dematin                                                                      | DMTN           |
| Q6ZN54     | Differentially expressed in FDCP 8 homolog                                  | DEF8           |
| P98082     | Disabled homolog 2                                                           | DAB2           |
| Q9HOS4     | Probable ATP-dependent RNA helicase DDX47                                   | DDX47          |
| Q8N54      | Dehydrogenase/reductase SDR family member on chromosome X                    | DHR5X          |
| Q09013     | Myotonin-protein kinase                                                      | DMPK           |
| Accession | Protein Name                                     | Gene Symbol |
|-----------|-------------------------------------------------|-------------|
| Q8IWG1    | Dynein intermediate chain 3, axonemal           | DNAI3       |
| Q9Y485    | DmX-like protein 1                              | DMXL1       |
| Q0P6D2    | Divergent protein kinase domain 1C              | DIPK1C      |
| Q9BICT0   | Death-inducer obliterator 1                     | DIDO1       |
| Q13574    | Diacylglycerol kinase zeta                      | DGKZ        |
| Q709F0    | Acyl-CoA dehydrogenase family member 11         | ACAD11      |
| P01009    | Alpha-1-antitrypsin                             | SERPINA1    |
| Q07912    | Activated CDC42 kinase 1                        | TNK2        |
| O15254    | Peroxisomal acyl-coenzyme A oxidase 3           | ACOX3       |
| Q96113    | Protein ABHD8                                   | ABHD8       |
| Q9ULZ1    | Apelin                                          | APLN        |
| Q8IW19    | Aprataxin and PNK-like factor                   | APLF        |
| Q9H9E1    | Ankyrin repeat family A protein 2               | ANKRA2      |
| Q5YYY1    | Ankyrin repeat domain-containing protein 22     | ANKRDR22    |
| A6NF43    | Anthrax toxin receptor-like                     | ANTXRL      |
| Q86W74    | Ankyrin repeat domain-containing protein 46     | ANKRD46     |
| P04746    | Pancreatic alpha-amylase                        | AMY2A       |
| P16860    | Natriuretic peptides B                          | NPPB        |
| Q7Z5J8    | Ankyrin and armadillo repeat-containing protein | ANKAR       |
| Q8WXX4    | Ankyrin repeat and SOCS box protein 12          | ASB12       |
| LOR819    | ASNSD1 upstream open reading frame protein      | ASDURF      |
| Q4VCN1    | Probable cation-transporting ATPase 13A4        | ATP13A4     |
| P16615    | Sarcoplasmic/endoplasmic reticulum calcium ATPase 2 | ATP2A2    |
| P50993    | Sodium/potassium-transporting ATPase subunit alpha-2 | ATP1A2   |
| Q96SQ7    | Protein atonal homolog 8                        | ATOH8       |
| Q7L1Q6    | Basic leucine zipper and W2 domain-containing protein 1 | BZW1    |
| Q13410    | Butyrophilin subfamily 1 member A1              | BTN1A1      |
| O15392    | Baculoviral IAP repeat-containing protein 5      | BIRC5       |
| O43964    | Mitotic checkpoint protein BUB3                 | BUB3        |
| P51813    | Cytoplasmic tyrosine-protein kinase BMX          | BMX         |
| Q98WV1    | Brother of CDO                                  | BOC         |
| Q9HB09    | Bcl-2-like protein 12                           | BCL2L12     |
| O95696    | Bromodomain-containing protein 1                | BRD1        |
| O00154    | Cytosolic acyl coenzyme A thioester hydrolase   | ACOT7       |
| Q8WV36    | HMG box transcription factor BBX                | BBX         |
| Q96T27    | B melanoma antigen 5                           | BAGE5       |
| Q91D16    | Protein bicaudal D homolog 2                    | BCOD2       |
| Q99WV5    | Bridging integrator 2                           | BIN2        |
| Q8W143    | Uncharacterized protein C2orf15                 | C2orf15     |
| P20807    | Calpain-3                                       | CAPN3       |
| Q5R3K3    | Calcium homeostasis modulator protein 6         | CALHM6      |
| P20749    | B-cell lymphoma 3 protein                       | BCL3        |
| O4397     | Voltage-dependent T-type calcium channel subunit alpha-1G | CACNA1G   |
| P57730    | Caspase recruitment domain-containing protein 18 | CARD18      |
| Q5NE16    | Putative inactive cathepsin L-like protein CTSL3P | CTSL3P     |
| Q4G054    | Cytochrome P450 27C1                            | CYP27C1     |
| P55272    | Caspase-6                                        | CASP6       |
| PRTID   | Description                                                                 |
|---------|-----------------------------------------------------------------------------|
| Q6ZTR7 | CBY1-interacting BAR domain-containing protein 2                            |
| Q9BR77 | Coiled-coil domain-containing protein 77                                     |
| P55211 | Caspase-9                                                                   |
| A6NGH7 | Coiled-coil domain-containing protein 160                                    |
| Q9H6E4 | Coiled-coil domain-containing protein 134                                    |
| A6NF36 | Coiled-coil domain-containing protein 182                                    |
| Q8NEF3 | Coiled-coil domain-containing protein 112                                    |
| Q8NDH2 | Coiled-coil domain-containing protein 168                                    |
| Q8NHW4 | C-C motif chemokine 4-like                                                  |
| P08185 | Corticosteroid-binding globulin                                             |
| Q2WEK9 | Carinoembryonic antigen-related cell adhesion molecule 16                   |
| Q8IUF1 | COBW domain-containing protein 2                                             |
| Q15744 | CCAAT/enhancer-binding protein epsilon                                        |
| P15813 | Antigen-presenting glycoprotein CD1d                                         |
| Q5VXU3 | Cysteine-rich hydrophobic domain-containing protein 1                         |
| Q95674 | Phosphatidate cytidylyltransferase 2                                         |
| Q9H211 | DNA replication factor Cdt1                                                 |
| Q15517 | Cornodesmosin                                                               |
| O14618 | Copper chaperone for superoxide dismutase                                   |
| Q504U0 | Renal cancer differentiation gene 1 protein                                 |
| Q9H7E9 | UPF0488 protein C8orf33                                                     |
| Q9H5F2 | UPF0686 protein C11orf1                                                     |
| Q6P4Q7 | Metal transporter CNNM4                                                    |
| Q8N3K9 | Cardiomyopathy-associated protein 5                                          |
| Q9NQ32 | Uncharacterized protein C11orf16                                            |
| Q6UXN8 | C-type lectin domain family 9 member A                                      |
| P53420 | Collagen alpha-4                                                            |
| Q8IZ96 | CKLF-like MARVEL transmembrane domain-containing protein 1                  |
| Q8WXE0 | Caskin-2                                                                    |
| Q95741 | Copine-6                                                                    |
| Q9BV73 | Centrosome-associated protein CEP250                                        |
| Q8N4C9 | Uncharacterized protein C17orf78                                            |
| Q8N436 | Inactive carboxypeptidase-like protein X2                                   |
| O14936 | Peripheral plasma membrane protein CASK                                     |
| Q2VPA4 | Complement component receptor 1-like protein                                |
| Q49581 | Cytochrome P450 7B1                                                         |
| Q8NBC4 | Uncharacterized protein C20orf203                                           |
| Q9PB84 | CTTNBP2 N-terminal-like protein                                              |
| Q5T4H9 | Putative uncharacterized protein encoded by MIR1915-HG                      |
| Q969M2 | Gap junction alpha-10 protein                                               |
| Q9UJ94 | Putative uncharacterized protein encoded by LINCO0527                      |
| Q9UBT7 | Alpha-catulin                                                               |
| Q969M2 | Gap junction alpha-10 protein                                               |
| Q9UJ94 | Putative uncharacterized protein encoded by LINCO0527                      |
| Gene ID | Protein Description |
|---------|---------------------|
| Q2PZI1 | Probable C-mannosyltransferase DPY19L1 |
| A8MYA2 | Uncharacterized protein CXorf49 |
| P13498 | Cytochrome b-245 light chain CYBA |
| Q05048 | Cleavage stimulation factor subunit 1 CSTF1 |
| Q12996 | Cleavage stimulation factor subunit 3 CSTF3 |
| Q6ZV56 | Putative uncharacterized protein C2orf34 |
| Q13617 | Cullin-2 CUL2 |
| Q94850 | Dendrin DDN |
| Q96PD2 | Discoidin, CUB and LCCL domain-containing protein 2 DCBLD2 |
| Q30KQ9 | Beta-defensin 110 DEFB110 |
| Q30KQ5 | Beta-defensin 115 DEFB115 |
| Q9Y5R6 | Doublesex- and mab-3-related transcription factor 1 DMRT1 |
| Q6P158 | Putative ATP-dependent RNA helicase DHX57 DHX57 |
| Q96015 | Dynein light chain 4, axonemal DNA4 |
| Q8IXT2 | Doublesex- and mab-3-related transcription factor C2 DMRT2 |
| Q96EY1 | DNAJ homolog subfamily A member 3, mitochondrial DNAJA3 |
| P18858 | DNA ligase 1 LIG1 |
| Q8WYQ5 | Microprocessor complex subunit DGCR8 DGCR8 |
| P80370 | Protein delta homolog 1 DLK1 |
| Q14184 | Double C2-like domain-containing protein beta DOC2B |
| Q07507 | Dermatopontin DPT |
| Q16760 | Diacylglycerol kinase delta DGKD |
| P23743 | Diacylglycerol kinase alpha DGKA |
| Q9TYT7 | Diacylglycerol kinase beta DGKB |
| Q8TF09 | Dynein light chain roadblock-type 2 DYNLB2 |
| Q9NXW2 | DNAJ homolog subfamily B member 12 DNAJB12 |
| Q55XM8 | DNL-type zinc finger protein DNLZ |
| Q00429 | Dynamin-1-like protein DNML1 |
| Q9P265 | Disc-interacting protein 2 homolog B DIP2B |
| Q96IM9 | DPY30 domain-containing protein 2 DYDC2 |
| Q81EA8 | D-aminoacyl-tRNA deacylase 1 DTD1 |
| P0CI89 | Double homeobox protein 4-like protein 6 DUX4L6 |
| Q9NRW4 | Dual specificity protein phosphatase 22 DUSP22 |
| Q9H449 | Essential MCU regulator, mitochondrial SMDT1 |
| P50402 | Emerin EMD |
| Q8WYP5 | Protein ELYS AHCTF1 |
| Q9BY44 | Eukaryotic translation initiation factor 2A EIF2A |
| Q2M3D2 | Exoyst complex component 3-like protein 2 EXOC3L2 |
| Q86TX2 | Acyl-coenzyme A thioesterase 1 ACOT1 |
| Q13542 | Eukaryotic translation initiation factor 4E-binding protein 2 EIF4EBP2 |
| Q9NP58 | ATP-binding cassette sub-family B member 6, mitochondrial ABCB6 |
| Q16537 | Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit epsilon isoform PPP2R5E |
| Q70Z44 | 5-hydroxytryptamine receptor 3D HTR3D |
| Q8WW72 | Putative C->U-editing enzyme APOBEC-4 APOBEC4 |
| Q96BJ3          | Axin interactor, dorsalization-associated protein | AIDA   |
|-----------------|--------------------------------------------------|--------|
| Q9H8T0          | AKT-interacting protein                          | AKTIP  |
| Q9Y2D8          | Afadin- and alpha-actinin-binding protein        | SSK2IP |
| Q6OCA0          | AMMELCR1-like protein                            | AMMELCR1L |
| P06280          | Alpha-galactosidase A                             | GLA    |
| Q92688          | Acidic leucine-rich nuclear phosphoprotein 32 family member B | ANP32B |
| Q92870          | Amyloid-beta A4 precursor protein-binding family B member 2 | APBB2 |
| P16066          | Atrial natriuretic peptide receptor 1            | NPR1   |
| O43747          | AP-1 complex subunit gamma-1                     | AP1G1  |
| Q9NR22          | Protein arginine N-methyltransferase 8            | PRMT8  |
| Q9ULJ7          | Ankyrin repeat domain-containing protein 50       | ANKRD50 |
| P09E7E7         | Alpha-amylase 1B                                  | AMY1B  |
| P09525          | Annexin A4                                       | ANXA4  |
| Q9NUN02         | Ankyrin repeat and EF-hand domain-containing protein 1 | ANKEF1 |
| Q9NR81          | Rho guanine nucleotide exchange factor 3          | ARHGEF3 |
| Q6WVN8          | Arf-GAP with Rho-GAP domain, ANK repeat and PH domain-containing protein 3 | ARAP3 |
| O43150          | Arf-GAP with SH3 domain, ANK repeat and PH domain-containing protein 2 | ASAP2 |
| Q9ULZ3          | Apoptosis-associated speck-like protein containing a CARD | PYCARD |
| Q8N3C0          | Activating signal cointegrator 1 complex subunit 3 | ASCC3  |
| P54793          | Arylsulfatase F                                  | ARSF   |
| P54990          | Arylsulfatase L                                  | ARSL   |
| P46597          | Acetylserotonin O-methyltransferase               | ASMT   |
| P18440          | Arylamine N-acetyltransferase 1                   | NAT1   |
| Q9ULK2          | Ataxin-7-like protein 1                          | ATXN7L1 |
| Q9Y2Q0          | Phospholipid-transporting ATPase IA               | ATP8A1 |
| O43520          | Phospholipid-transporting ATPase IC               | ATP8B1 |
| P51793          | H                                                | CLCN4  |
| P78369          | Claudin-10                                       | CLDN10 |
| O15265          | Ataxin-7                                         | ATXN7  |
| Q8TE58          | A disintegrin and metalloproteinase with thrombospondin motifs 15 | ADAMTS15 |
| Q9Y6H3          | Mitochondrial inner membrane protease ATP23 homolog | ATP23 |
| Q9W6X7          | Atlastin-1                                       | ATXN1  |
| Q8NWD9          | Protein BEX4                                     | BEX4   |
| P12644          | Bone morphogenetic protein 4                     | BMP4   |
| O43683          | Mitotic checkpoint serine/threonine-protein kinase BUB1 | BUB1 |
| P02730          | Band 3 anion transport protein                    | SLC4A1 |
| Q16548          | Bcl-2-related protein A1                         | BCL2A1 |
| Q9C0J1          | N-acetyllactosaminide beta-1,3-N-acetylglucosaminyltransferase 4 | B3GN4 |
| Q8NCR0          | UDP-GalNAcbeta-1,3-N-acetylgalactosaminyltransferase 2 | B3GALNT2 |
| Q9BUX9         | Calcium-binding protein B                        | CALN1  |
| A8NC18          | Uncharacterized protein C2orf78                  | C2orf78 |
| Accession | Description | Accession | Description |
|-----------|-------------|-----------|-------------|
| P21730    | C5a anaphylatoxin chemotactic receptor 1 | CSAR1     |             |
| A6NCS6    | Uncharacterized protein C2orf72        | C2orf72   |             |
| P0DPF6    | Putative uncharacterized protein CDRT15P3 | CDRT15P3  |             |
| Q5SNV9    | Uncharacterized protein C1orf167       | C1orf167  |             |
| Q12B64    | Cadherin-17                            | CDH17     |             |
| Q9BX5     | Complement C1q tumor necrosis factor-related protein 2 | C1QTNF2 |             |
| Q9Y376    | Calcium-binding protein 39             | CAB39     |             |
| Q96NT0    | Coiled-coil domain-containing protein 115 | CCDC115   |             |
| Q72680    | Coiled-coil domain-containing protein 91 | CCDC91    |             |
| Q9BRK5    | 45 kDa calcium-binding protein         | SDF4      |             |
| Q9H257    | Caspase recruitment domain-containing protein 9 | CARD9    |             |
| A4D256    | Dual specificity protein phosphatase CDC14C | CDC14C |             |
| Q9NV96    | Cell cycle control protein 50A         | TMEM30A   |             |
| Q96PX6    | Coiled-coil domain-containing protein 85A | CCDC85A   |             |
| Q96LX7    | Coiled-coil domain-containing protein 17 | CCDC17    |             |
| Q9U4J2    | Carboxypeptidase A4                     | CPA4      |             |
| P14209    | CD99 antigen                           | CD99      |             |
| Q9UPW5    | Cytosolic carboxypeptidase 1            | AGTPBP1   |             |
| P24864    | G1/S-specific cyclin-E1                | CCNE1     |             |
| Q6IKQ3    | Uncharacterized protein C9orf40        | C9orf40   |             |
| Q9UK0     | Coiled-coil domain-containing protein 7 | CHCHD7    |             |
| Q96Q40    | Cyclin-dependent kinase 15             | CDK15     |             |
| P46092    | C-C chemokine receptor type 10         | CCR10     |             |
| Q95067    | G2/mitotic-specific cyclin-B2          | CCNB2     |             |
| Q9BYE9    | Cadherin-related family member         | CDHR2     |             |
| P51959    | Cyclin-G1                              | CCNG1     |             |
| Q03188    | Centromere protein C                   | CENPC     |             |
| Q724R8    | UPF0669 protein C6orf120               | C6orf120  |             |
| Q02246    | Contactin-2                            |CNTN2     |             |
| P50613    | Cyclin-dependent kinase 7              | CDK7      |             |
| P34972    | Cannabinoid receptor 2                 | CNR2      |             |
| Q9WUR7    | UPF0235 protein C15orf40               | C15orf40  |             |
| P08681    | Complement C2                          | C2        |             |
| Q8N8G6    | Putative uncharacterized protein C15orf54 | C15orf54 |             |
| P42695    | Condensin-2 complex subunit D3         | NCAPD3    |             |
| P13871    | Complement component C6                | C6        |             |
| Q5SY13    | Putative uncharacterized protein encoded by COL5A1-AS1 | COL5A1-AS1 |             |
| Q75175    | CCR4-NOT transcription complex subunit 3 | CNOT3    |             |
| Q8IUQ0    | Clavesin-1                             | CLVS1     |             |
| Q95406    | Protein cornichon homolog 1            | CNIH1     |             |
| Q9HA21    | Dual specificity protein kinase         | CLK4      |             |
| Q9H078    | Caseinolytic peptidase B protein homolog | CLPB |             |
| Q9UHD4    | Cell death activator CIDE-B            | CIDEB     |             |
| P50416    | Carnitine O-palmitoyltransferase 1, liver isoform | CPT1A |             |
| P61803    | Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit DAD1 | DAD1 |             |
| P26196    | Probable ATP-dependent RNA helicase DDX6 | DDX6 |             |
| Q9Y2R4    | Probable ATP-dependent RNA helicase DDX52 | DDX52 |             |
| Q96G9     | DCN1-like protein 1                    | DCUN1D1   |             |
| Accession | Description |
|-----------|-------------|
| Q8TEB1    | DDB1- and CUL4-associated factor 11 |
| Q4QY38    | Beta-defensin 134 |
| Q8N688    | Beta-defensin 123 |
| Q16832    | Discoid domain-containing receptor 2 |
| P28221    | 5-hydroxytryptamine receptor 1D |
| Q7Z5R6    | Amyloid beta A4 precursor protein-binding family B member 1-interacting protein |
| Q8N8R7    | ARL14 effector protein |
| Q8NER5    | Activin receptor type-1C |
| Q53H12    | Acylglycerol kinase, mitochondrial |
| P42025    | Beta-centractin |
| O60218    | Aldo-keto reductase family 1 member B10 |
| Q13443    | Disintegrin and metalloproteinase domain-containing protein 9 |
| Q9H4A4    | Aminopeptidase B |
| Q9NRN7    | L-aminoacid-semialdehyde dehydrogenase-phosphopantetheinyl transferase |
| Q9NZK5    | Adenosine deaminase 2 |
| Q9NUS5    | AP-5 complex subunit sigma-1 |
| Q9NW15    | Anoctamin-10 |
| O15084    | Serine/threonine-protein phosphatase 6 regulatory ankyrin repeat subunit A |
| P07355    | Annexin A2 |
| Q09P2R3   | Rabankyrin-5 |
| P02652    | Apolipoprotein A-II |
| Q96Q27    | Ankyrin repeat and SOCS box protein 2 |
| Q96DX5    | Ankyrin repeat and SOCS box protein 9 |
| Q9NR48    | Histone-lysine N-methyltransferase ASH1L |
| Q96EG1    | Arylsulfatase G |
| Q9Y4P1    | Cysteine protease ATG4B |
| O95671    | Probable bifunctional dTTP/UTP pyrophosphatase/methyltransferase protein |
| Q5VTU8    | ATP synthase subunit epsilon-like protein, mitochondrial |
| Q98NC9    | Clarin-3 |
| P48047    | ATP synthase subunit O, mitochondrial |
| Q8N5M1    | ATP synthase mitochondrial F1 complex assembly factor 2 |
| Q99R09    | Baculoviral IAP repeat-containing protein 6 |
| Q726A9    | B- and T-lymphocyte attenuator |
| Q43709    | Probable 18S rRNA |
| Q8N1D0    | Beckwith-Wiedemann syndrome chromosomal region 1 candidate gene B protein |
| Q9UL45    | Biogenesis of lysosome-related organelles complex 1 subunit 6 |
| O15382    | Branched-chain-amino-acid aminotransferase, mitochondrial |
| P23560    | Brain-derived neurotrophic factor |
| P11274    | Breakpoint cluster region protein |
| Q8S5N4    | Uncharacterized protein C3orf22 |
| Q96HB5    | Coiled-coil domain-containing protein 120 |
| Q6PI3     | Coiled-coil domain-containing protein 174 |
| Q9BQ4     | Coiled-coil domain-containing protein 3 |
| Accession    | Description                                                                 | Name       |
|-------------|------------------------------------------------------------------------------|------------|
| Q8IYR0      | Cilia- and flagella-associated protein 206                                  | CFAP206    |
| Q86UF4      | Coiled-coil domain-containing protein 190                                   | CCDC190    |
| Q5TID7      | Coiled-coil domain-containing protein 181                                   | CCDC181    |
| Q9GZT6      | Coiled-coil domain-containing protein 90B, mitochondrial                    | CCDC90B    |
| Q9Y3M2      | Protein chibby homolog 1                                                    | CBY1       |
| Q8IYW2      | Cilia- and flagella-associated protein 46                                   | CFAP46     |
| Q8WUX9      | Charged multivesicular body protein 7                                        | CHMP7      |
| Q96G28      | Cilia- and flagella-associated protein 36                                   | CFAP36     |
| Q8NHZ8      | Anaphase-promoting complex subunit CDC26                                    | CDC26      |
| P00751      | Complement factor B                                                          | CFB        |
| P10747      | T-cell-specific surface glycoprotein CD28                                   | CD28       |
| Q8NR6       | CMT1A duplicated region transcript 4 protein                                | CDRT4      |
| P13569      | Cystic fibrosis transmembrane conductance regulator                          | CFTR       |
| Q0VF96      | Cingulin-like protein 1                                                      | CGNL1      |
| O43866      | CD5 antigen-like                                                            | CDS5L      |
| Q8WYQ3      | Coiled-coil-helix-coiled-coil-helix domain-containing protein 10, mitochondrial | CHCHD10    |
| Q96KT6      | Putative uncharacterized protein encoded by LINC00208                        | LINC00208  |
| Q16878      | Cysteine dioxygenase type 1                                                 | CDG1       |
| Q5MA5      | Cyclin-dependent kinase-like 4                                               | CDK14      |
| Q9UQ88      | Cyclin-dependent kinase 11A                                                 | CDK11A     |
| Q9Y6K0      | Choline/ethanolaminephosphotransferase 1                                     | CEPT1      |
| E5R46       | Uncharacterized protein C8orf87                                             | C8orf87    |
| P0DP13      | Centromere protein V-like protein 2                                          | CENPVVL2   |
| Q9BS16      | Centromere protein K                                                         | CENPK      |
| Q6PH3       | Centrosomal protein of 85 kDa                                                | CEP85      |
| Q9H85      | Cyclin-P                                                                     | CCNP       |
| Q14004      | Cyclin-dependent kinase 13                                                   | CDK13      |
| Q00535      | Cyclin-dependent-like kinase 5                                               | CDK5       |
| Q7L229      | Centromere protein Q                                                         | CENPQ      |
| Q9UQ52      | Contactin-6                                                                  | CNTN6      |
| Q9UHC6      | Contactin-associated protein-like 2                                          | CNTNAP2    |
| Q6UX60      | C-type lectin family member 19                                               | CLEC19A    |
| P24941      | Cyclin-dependent kinase 2                                                    | CDK2       |
| P25940      | Collagen alpha-3                                                            | COL5A3     |
| Q75128      | Protein cordon-bleu                                                         | COBL       |
| P11509      | Cytochrome P450 2A6                                                           | CYP2A6     |
| Q96MU5      | Uncharacterized protein C1orf77                                              | C1orf77    |
| Q9HC43      | Copine-5                                                                     | CPNE5      |
| Q68181      | Anamorsin                                                                    | CIAPIN1    |
| Q14093      | Cylcicin-2                                                                   | CYLC2      |
| Q99418      | Cytohesin-2                                                                  | CYTH2      |
| Q86XQ3      | Cation channel sperm-associated protein 3                                    | CATSPER3   |
| Q69YQ0      | Cytospin-A                                                                   | SPECC1L     |
| Q9UI36      | Dachshund homolog 1                                                          | DACH1      |
| O15523      | ATP-dependent RNA helicase DDX3Y                                             | DDX3Y      |
| Q6ZNG2      | Homeobox protein DBX2                                                         | DBX2       |
| Q8WVS4      | Cytoplasmic dynein 2 intermediate chain 1                                    | DYNC2I      |
| Q15038      | DAZ-associated protein 2                                                     | DAZAP2     |
| Accession | Description |
|-----------|-------------|
| Q9BYW3    | Beta-defensin 126 |
| Q75907    | Diacylglycerol O-acyltransferase 1 |
| O60231    | Pre-mRNA-splicing factor ATP-dependent RNA helicase DHX16 |
| Q7L7V1    | Putative pre-mRNA-splicing factor ATP-dependent RNA helicase DHX32 |
| Q7L5Y6    | DET1 homolog |
| Q8WWF6    | DnaJ homolog subfamily B member 3 |
| Q5JL3     | Deducator of cytokinesis protein |
| Q15057    | Arf-GAP with coiled-coil, ANK repeat and PH domain-containing protein 2 |
| Q9ULW3    | Activator of basal transcription 1 |
| P04217    | Alpha-1B-glycoprotein |
| Q9UKV3    | Apoptotic chromatin condensation inducer in the nucleus |
| P49189    | 4-trimethylaminobutylaldehyde dehydrogenase |
| Q9NQ94    | APOBEC1 complementation factor |
| P00505    | Aspartate aminotransferase, mitochondrial |
| P61981    | 14-3-3 protein gamma |
| P0DMS8    | Adenosine receptor A3 |
| P22760    | Arylecetamide deacetylase |
| Q95433    | Activator of 90 kDa heat shock protein ATPase homolog 1 |
| P20292    | Arachidonate 5-lipoxygenase-activating protein |
| Q5VUJ5    | Putative Arf-GAP with GTase, ANK repeat and PH domain-containing protein 7 |
| Q9H161    | Homeobox protein aristaless-like 4 |
| Q5JQC9    | A-kinase anchor protein 4 |
| Q9H2U9    | Disintegrin and metalloproteinase domain-containing protein 7 |
| Q96CM8    | Medium-chain acyl-CoA ligase ACSF2, mitochondrial |
| P40145    | Adenylate cyclase type 8 |
| Q5T601    | Adhesion G-protein coupled receptor F1 |
| P22570    | NADPH:adrenodoxin reductase, mitochondrial |
| O00468    | Agrin |
| P12235    | ADP/ATP translocase 1 |
| Q9UM13    | Anaphase-promoting complex subunit 10 |
| Q9H560    | Putative ankyrin repeat domain-containing protein 19 |
| Q95236    | Apolipoprotein L3 |
| Q8WW43    | Gamma-secretase subunit APH-18 |
| O96018    | Amyloid-beta A4 precursor protein-binding family A member 3 |
| Q9HDC9    | Adipocyte plasma membrane-associated protein |
| Q92888    | Rho guanine nucleotide exchange factor 1 |
| Q8N6M6    | Aminopeptidase O |
| Q96NS5    | Ankyrin repeat and SOCS box protein 16 |
| P98196    | Probable phospholipid-transporting ATPase IH |
| Q9667     | Arrestin domain-containing protein 3 |
| Accession | Gene Name                                             | Description                                                                                                                                 |
|-----------|-------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| P15289    | Arylsulfatase A                                       | ARSA                                                                                                                                       |
| Q9HBK9    | Arsenite methyltransferase                           | AS3MT                                                                                                                                     |
| Q13705    | Activin receptor type-2B                              | ACVR2B                                                                                                                                     |
| Q75061    | Putative tyrosine-protein phosphatase auxilin        | DNAJC6                                                                                                                                    |
| Q95450    | A disintegrin and metalloproteinase with thrombospondin motifs 2 | ADAMTS2                                                                                                                                   |
| P18859    | ATP synthase-coupling factor 6, mitochondrial         | ATP5PF                                                                                                                                     |
| Q6DD8     | Atrialin-3                                            | ATL3                                                                                                                                       |
| Q8TDN6    | Ribosome biogenesis protein BRX1 homolog             | BRIX1                                                                                                                                      |
| Q6UXE8    | Butyrophilin-like protein 3                          | BTNL3                                                                                                                                     |
| Q9Y2F9    | BTB/POZ domain-containing protein 3                  | BTBD3                                                                                                                                     |
| Q5W0U4    | B box and SPRY domain-containing protein              | BSPRY                                                                                                                                     |
| Q9BP9     | B9 domain-containing protein 2                        | B9D2                                                                                                                                      |
| Q76CP1    | N-acetyl-beta-glucosaminyl-glycoprotein 4-beta-N-acetylgalactosaminyltransferase 1 | B4GALNT4                                                                                                                                   |
| Q6ZMB0    | Acetylgalactosaminyl-O-glycosyl-glycoprotein beta-1,3-N-acetylglucosaminyltransferase | B3GNT6                                                                                                                                     |
| Q515X7    | BEN domain-containing protein 3                       | BEND3                                                                                                                                     |
| Q92B43    | Bcl-2-like protein 2                                  | BCL2L2                                                                                                                                     |
| Q9NY43    | BarH-like 2 homeobox protein                          | BARHL2                                                                                                                                     |
| Q99798    | BRCA1-associated RING domain protein 1                | BARD1                                                                                                                                     |
| Q5H9F3    | BCL-6 corepressor-like protein 1                      | BCORL1                                                                                                                                     |
| P23280    | Carbonic anhydrase 6                                  | CA6                                                                                                                                        |
| Q7LAP9    | BEN domain-containing protein 5                       | BEND5                                                                                                                                     |
| Q8NH9H    | Uncharacterized protein C1orf127                     | C1orf127                                                                                                                                   |
| Q98XH1    | Bcl-2-binding component 3, isoforms 1/2               | BBC3                                                                                                                                       |
| Q5T7R7    | Uncharacterized protein C1orf185                      | C1orf185                                                                                                                                   |
| Q99XJ4    | Complement C1q tumor necrosis factor-related protein 3 | C1QTNF3                                                                                                                                   |
| Q69YN2    | CWF19-like protein 1                                  | CWF19L1                                                                                                                                    |
| Q9NYX4    | Neuron-specific vesicular protein calyx              | CALY                                                                                                                                       |
| Q8N4S0    | Coiled-coil domain-containing protein B2              | CCDC82                                                                                                                                     |
| Q8XK12    | Cell division cycle and apoptosis regulator protein 1 | CCAR1                                                                                                                                     |
| Q996J6    | Carboxypeptidase Q                                   | CPQ                                                                                                                                        |
| Q99440    | Uncharacterized protein encoded by LINCO1587         | LINCO1587                                                                                                                                   |
| Q8TD0     | Chromodomain-helicase-DNA-binding protein 5          | CHD5                                                                                                                                       |
| P42771    | Cyclin-dependent kinase inhibitor 2A                  | CDKN2A                                                                                                                                     |
| Q94921    | Cyclin-dependent kinase 14                            | CDK14                                                                                                                                     |
| Q8NE62    | Choline dehydrogenase, mitochondrial                 | CHDH                                                                                                                                       |
| R15182    | Centrin-3                                             | CETN3                                                                                                                                     |
| A6NGG3    | Putative uncharacterized protein C9orf92             | C9orf92                                                                                                                                    |
| Q6IFU0    | Centromere protein P                                  | CENPP                                                                                                                                     |
| Q81BE1    | Protein cornichon homolog 3                          | CNJH3                                                                                                                                     |
| Q9CDA0    | Contactin-associated protein-like 4                  | CNTNAP4                                                                                                                                    |
| Q96M02    | Cyclin-dependent protein 1                            | C10orf90                                                                                                                                   |
| Q86WW8    | Cytochrome c oxidase assembly factor 5                | COA5                                                                                                                                       |
| Q96KA5    | Cleft lip and palate transmembrane protein 1-like    | CLPTM1L                                                                                                                                    |
| Accession | Description | Symbol |
|-----------|-------------|--------|
| Q96RK0    | Protein capicua homolog | CIC    |
| Q8NHS4    | Clathrin heavy chain linker domain-containing protein 1 | CLHC1  |
| P24387    | Corticotropin-releasing factor-binding protein | CRHBP  |
| P0DML3    | Chorionic somatomammotropin hormone 2 | CSH2   |
| Q6NV74    | CRACD-like protein | CRACDL |
| A6NMM7    | Putative cleavage and polyadenylation specificity factor subunit 4-like protein | CPSF4L |
| Q6UXH1    | Protein disulfide isomerase CRELD2 | CRELD2 |
| Q7Z4B0    | Putative uncharacterized protein encoded by LINC00305 | LINC00305 |
| Q99807    | 5-demethoxyubiquinone hydroxylase, mitochondrial | COQ7   |
| Q93034    | Collin-5 | CUL5   |
| Q9ULE3    | DENN domain-containing protein 2A | DENND2A |
| Q5DOE6    | DALR anticodon-binding domain-containing protein 3 | DALRD3 |
| P06132    | Uroporphyrinogen decarboxylase | UROD   |
| Q9NR30    | Nucleolar RNA helicase 2 | DDX21  |
| Q9NQC7    | Ubiquitin carboxyl-terminal hydrolase | CYLD   |
| Q5TAQ9    | DDB1- and CUL4-associated factor 8 | DCAF8 |
| Q9G1U4    | Protein ABHD14B | ABHD14B |
| Q96HD1    | Protein disulfide isomerase CRELD1 | CRELD1 |
| Q6PVU4    | Complexin-2 | CPLX2 |
| A8MQ03    | Cysteine-rich tail protein 1 | CYSRT1 |
| Q5DJT8    | Cancer/testis antigen family 45 member A2 | CT45A2 |
| P00167    | Cytochrome b5 | CYB5A |
| A0A1BGOTU2| Cortexin domain-containing 1 | CTXND1 |
| Q9HC47    | Cutaneous T-cell lymphoma-associated antigen 1 | CTAGE1 |
| O95452    | Gap junction beta-6 protein | GJB6   |
| Q00574    | C-X-C chemokine receptor type 6 | CXCR6  |
| A0A096LN1P1| Beta-defensin 131B | DEFB131B |
| P0DP74    | Beta-defensin 130A | DEFB130A |
| Q96002    | Putative transmembrane protein CXorf1 | CXorf1 |
| Q6UXB2    | C-X-C motif chemokine 17 | CXCL17 |
| Q8N1L1    | Putative uncharacterized protein encoded by LINC00528 | LINC00528 |
| P01034    | Cystatin-C | CST3   |
| Q6IC83    | Uncharacterized protein C22orf42 | C22orf42 |
| Q86T65    | Disheveled-associated activator of morphogenesis 2 | DAAM2 |
| Q68D51    | DENN domain-containing protein 2C | DENND2C |
| P32321    | Deoxycytidylyl deaminase | DCTD   |
| Q96GQ7    | Probable ATP-dependent RNA helicase DDX27 | DDX27 |
| Q5TDH0    | Protein DD1 homolog 2 | DD1    |
| Q9Y315    | Deoxyribose-phosphate aldolase | DERA   |
| Q9UBU7    | Protein DBF4 homolog A | DBF4   |
| Q056D0    | Deuterosome assembly protein 1 | DEUP1  |
| Q8TDJ6    | DmX-like protein 2 | DMXL2  |
| Q14574    | Desmocollin-3 | DSC3   |
| Q8WWB3    | DPY30 domain-containing protein 1 | DYDC1 |
| Q9UNE0    | Tumor necrosis factor receptor superfamily member EDAR | EDAR   |
| ID     | Gene Name                                      | Description                                                |
|--------|-----------------------------------------------|------------------------------------------------------------|
| Q9BV94 | ER degradation-enhancing alpha-mannosidase-like protein 2 | EDDEM2                                                     |
| Q3B7T1 | Erythroid differentiation-related factor 1     | EDRF1                                                      |
| A6NN52 | Dehydrogenase/reductase SDR family member 7C  | DHRS7C                                                     |
| Q9BQI3 | Eukaryotic translation initiation factor 2-alpha kinase 1 | EIF2AK1                                                  |
| Q86V85 | Integral membrane protein GPR180              | GPR180                                                     |
| P26641 | Elongation factor 1-gamma                     | EEF1G                                                      |
| O43402 | ER membrane protein complex subunit 8         | EMC8                                                       |
| P26378 | ELAV-like protein 4                           | ELAVL4                                                     |
| Q9BV4M | Gamma-glutamylaminecyclotransferase           | GGACT                                                      |
| Q6UXU4 | Germ cell-specific gene 1-like protein        | GSG1L                                                      |
| Q95267 | RAS guanyl-releasing protein 1                | RASGRP1                                                    |
| Q5TEC6 | Histone HIST2H3PS2                            | H3-2                                                       |
| Q5TGJ6 | Hepatoma-derived growth factor-like protein 1 | HDGFL1                                                     |
| P02008 | Hemoglobin subunit zeta                       | HBZ                                                        |
| Q9BYQ4 | Keratin-associated protein 9-2                | KRTAP9-2                                                   |
| A2PYH4 | Probable ATP-dependent DNA helicase HFM1      | HFM1                                                       |
| Q5VTY9 | Protein-cysteine N-palmitoyltransferase HHAT  | HHAT                                                       |
| P31260 | Homeobox protein Hox-A10                      | HOXA10                                                     |
| Q9BV9R | Putative HERC2-like protein 3                 | HERC2P3                                                    |
| P11142 | Heat shock cognate 71 kDa protein             | HSPA8                                                      |
| A0A0C4DH38 | Immunoglobulin heavy variable 5-51        | IGHV5-51                                                   |
| A0A0B4J1U7 | Immunoglobulin heavy variable 6-1           | IGHV6-1                                                    |
| A0A0J9YYV3 | Immunoglobulin heavy variable 7-4-1        | IGHV7-4-1                                                  |
| A0A0B4J1V7 | Probable non-functional immunoglobulin heavy variable 7-81 | IGHV7-81                                                  |
| Q6MZM0 | Ferrooxidase HEPHL1                           | HEPHL1                                                     |
| P32754 | 4-hydroxyphenylpyruvate dioxygenase           | HPD                                                        |
| P17693 | HLA class I histocompatibility antigen, alpha chain G | HLA-G                                                      |
| P01893 | Putative HLA class I histocompatibility antigen, alpha chain H | HLA-H                                                      |
| P31942 | Heterogeneous nuclear ribonucleoprotein H3   | HNRNPH3                                                    |
| O14732 | Inositol monophosphatase 2                    | IMPA2                                                      |
| P01583 | Interleukin-1 alpha                           | IL1A                                                       |
| Q9UUF12 | Hydroxyproline dehydrogenase                  | PRODH2                                                     |
| Q60684 | Importin subunit alpha-7                      | KPNA6                                                      |
| P01834 | Immunoglobulin kappa constant                 | IGKC                                                       |
| Q6UXB1 | Insulin growth factor-like family member 3   | IGFL3                                                      |
| Q6GPH6 | Inositol 1,4,5-trisphosphate receptor-interacting protein-like 1 | ITPRIPL1                                                  |
| Q86U28 | Iron-sulfur cluster assembly 2 homolog, mitochondrial | ISCA2                                                      |
| Q6UXX5 | Inter-alpha-trypsin inhibitor heavy chain H6  | ITIH6                                                      |
| Q3SYB4 | Keratin, type II cytoskeletal 71              | KRT71                                                      |
| Q9C010 | cAMP-dependent protein kinase inhibitor beta  | PKIB                                                       |
| Q9ULG1 | Chromatin-remodeling ATPase                   | INO80                                                      |
| ID     | Description                                                                 |
|--------|-----------------------------------------------------------------------------|
| Q6UWL6 | Kin of IRRE-like protein 2                                                  | KIRREL2 |
| P78412 | Iroquois-class homeodomain protein IRX-6                                    | IRX6    |
| Q3LJ77 | Keratin-associated protein 13-4                                             | KRTAP13-4|
| P16389 | Potassium voltage-gated channel subfamily A member 2                        | KCNA2   |
| A0A0B412D9 | Immunoglobulin kappa variable 1D-13                                        | IGKV1D-13|
| Q8TAP9 | M-phase-specific PLK1-interacting protein                                  | MPLKIP  |
| Q9BU76 | Multiple myeloma tumor-associated protein 2                                 | MMTAG2  |
| Q96HT8 | MORF4 family-associated protein 1-like                                      | MRFAP1L1|
| Q9H845 | Complex I assembly factor ACAD9, mitochondrial                             | ACAD9   |
| Q9Y243 | RAC-gamma serine/threonine-protein kinase                                  | AKT3    |
| Q98R61 | Acyl-CoA-binding domain-containing protein 6                                 | ACBD6   |
| P45844 | ATP-binding cassette sub-family G member 1                                  | ABCG1   |
| Q8IZP0 | Abi interactor 1                                                            | ABI1    |
| P01031 | Complement C5                                                              | C5      |
| Q496F6 | CMRF35-like molecule 2                                                      | CD300E  |
| Q6UXZ3 | CMRF35-like molecule 5                                                      | CD300LD |
| P49760 | Dual specificity protein kinase CLK2                                         | CLK2    |
| Q05639 | Elongation factor 1-alpha 2                                                 | EEFIA2  |
| Q4G010 | Protein CCSMST1                                                            | CCSMST1 |
| Q16610 | Extracellular matrix protein 1                                              | ECM1    |
| Q15125 | 3-beta-hydroxysteroid-Delta                                                | EBP     |
| P07320 | Gamma-crystallin D                                                         | CRYGD   |
| Q9BU20 | Ciliogenesis and planar polarity effector 2                                 | CPLANE2 |
| P33261 | Cytochrome P450 2C19                                                        | CYP2C19 |
| Q9H7D0 | Dedicator of cytokinesis protein 5                                           | DOCK5   |
| O00548 | Delta-like protein 1                                                        | DLI1    |
| P78352 | Disks large homolog 4                                                       | DLG4    |
| Q92988 | Homeobox protein DLX-4                                                      | DLX4    |
| Q7LMW6 | Diphthine--ammonia ligase                                                   | DPH6    |
| P27487 | Dipeptidyl peptidase 4                                                      | DPP4    |
| Q9NX2C | Glucose-fructose oxidoreductase domain-containing protein 1                 | GFD1    |
| P16260 | Graves disease carrier protein                                              | SLC25A16|
| Q94808 | Glutamine--fructose--6-phosphate aminotransferase                           | GFPT2   |
| P00390 | Glutathione reductase, mitochondrial                                         | GSR     |
| Q6B0K9 | Hemoglobin subunit mu                                                      | HBM     |
| Q8IV61 | Ras guanyl-releasing protein 3                                               | RASGRP3 |
| Q99YG8 | Gasdermin-C                                                                | GSDMC   |
| Q5QNW6 | Histone H2B type 2-F                                                        | H2BC18  |
| Q9H4S2 | GS homeobox 1                                                               | GSX1    |
| A0A096LPI5 | Putative uncharacterized protein CCDC28A-AS1                             | CCDC28A-AS1|
| Q9ULK0 | Glutamate receptor ionotropic, delta-1                                      | GRID1   |
| Q96GX5 | Serine/threonine-protein kinase greatwall                                   | MASTL   |
| Q9BYE0 | Transcription factor HES-7                                                  | HES7    |
| Q96N76 | Urocanate hydratase                                                         | UROC1   |
| P00492 | Hypoxanthine-guanine phosphoribosyltransferase                             | HPRT1   |
| Q8N3J3 | Homologous recombination OB-fold protein                                    | HROB    |
| P17096 | High mobility group protein HMGA/-HMG-G                                    | HMGA1   |
| P05204 | Non-histone chromosomal protein HMG-17                                      | HMGN2   |
| Accession | Protein Name                                      | Description                                      |
|-----------|--------------------------------------------------|--------------------------------------------------|
| P55795    | Heterogeneous nuclear ribonucleoprotein H2       | HNRNPH2                                         |
| P15248    | Interleukin-9                                    | IL9                                             |
| P05014    | Interferon alpha-4                               | IFNA4                                           |
| Q9HE65    | Interleukin-21 receptor                          | IL2R                                            |
| P41091    | Eukaryotic translation initiation factor 2 subunit 3 | EIF2S3                                         |
| P78344    | Eukaryotic translation initiation factor 4 gamma 2 | EIF4G2                                         |
| Q9EA47    | Insulin gene enhancer protein ISL-2              | ISL2                                            |
| P08729    | Keratin, type II cytoskeletal 7                  | KRT7                                            |
| Q9BX67    | Junctional adhesion molecule C                   | JAM3                                            |
| Q15811    | Intersectin-1                                    | ITSN1                                           |
| Q0D2K2    | Kelch-like protein 30                            | KLHL30                                          |
| Q9NPC2    | Potassium channel subfamily K member 9           | KCNK9                                          |
| Q9Q665    | Serine/threonine-protein kinase H2               | PSKH2                                           |
| Q6YP21    | Kynurenine--oxoglutarate transaminase 3          | KYAT3                                           |
| Q13554    | Calcium/calmodulin--dependent protein kinase type II subunit beta | CAMK2B                                         |
| O43766    | Lipoyl synthase, mitochondrial                    | Lias                                            |
| Q6UWM7    | Lactase-like protein                             | LCTL                                            |
| P47929    | Galectin-7                                       | LGALS7                                          |
| Q15230    | Laminin subunit alpha-5                          | LAMA5                                           |
| Q6PK00    | La-related protein 1                             | LARP1                                           |
| Q6VE9     | Epididymal-specific lipocalin-8                  | LCN8                                            |
| Q9CN5     | Leucine-rich repeat-containing protein 45         | LRRC45                                          |
| Q96YD5    | Low-density lipoprotein receptor class A domain--containing protein 3 | LDLRAD3                                         |
| Q9H756    | Leucine--rich repeat-containing protein 19       | LRRC19                                          |
| Q9UN81    | LINE-1 retrotransposable element ORF1 protein    | L1RE1                                           |
| Q53EV4    | Leucine--rich repeat-containing protein 23       | LRRC23                                          |
| Q8TDW0    | Volume-regulated anion channel subunit LRRC8C    | LRRC8C                                          |
| Q96GA3    | Protein LTV1 homolog                             | LTV1                                            |
| Q05469    | Hormone-sensitive lipase                         | LIPE                                            |
| A0A07SB694 | Immunoglobulin lambda variable 10-54             | IGLV10-54                                       |
| P42704    | Leucine--rich PPR motif-containing protein, mitochondrial | LPPRC                                           |
| Q98448    | Ligand of Numb protein X 2                       | LNX2                                            |
| Q53RR4    | Lymphocyte antigen 6 complex locus protein G5c   | LY6G5C                                          |
| Q0VAK6    | Leiomodin-3                                      | LMOD3                                           |
| P01703    | Immunoglobulin lambda variable 1-40              | IGLV1-40                                        |
| A0A07SB66F | Probable non-functional immunoglobulin lambda variable 1-50 | IGLV1-50                                        |
| Q9NX58    | Cell growth-regulating nucleolar protein         | LYAR                                            |
| Q8MS1B    | LZR motif--containing protein 9                  | LYM9                                            |
| P01704    | Immunoglobulin lambda variable 2-14              | IGLV2-14                                        |
| Q5VYS4    | Mesenteric estrogen--dependent adipogenesis protein | MEDAG                                          |
| A0A07SB6K3 | Immunoglobulin lambda variable 3-9               | IGLV3-9                                         |
| Q9ULC4    | Malignant T-cell--amplified sequence 1           | MCTS1                                           |
| P43243    | Matrin-3                                         | MATR3                                           |
| Accession  | Protein Name                                      | Gene Symbol |
|------------|---------------------------------------------------|-------------|
| O15553     | Pyrin                                            | MEFV        |
| O85EM0     | Microcephalin                                     | MCHP1       |
| O43283     | Mitogen-activated protein kinase kinase 13        | MAP3K13     |
| O75448     | Mediator of RNA polymerase II transcription subunit 24 | MED24      |
| O8N4V1     | ER membrane protein complex subunit 5             | MMG1T1      |
| P32519     | ETS-related transcription factor Elf-1            | ELF1        |
| O6UWW8     | Carboxylesterase 3                               | CES3        |
| Q9H6S3     | Epidermal growth factor receptor kinase substrate 8-like protein 2 | EPS8L2    |
| P0C866     | Putative uncharacterized protein encoded by LINCO0869 | LINCO0869 |
| P00742     | Coagulation factor X                             | F10         |
| P03951     | Coagulation factor XI                             | F11         |
| P58638     | Protein eva-1 homolog C                           | EVA1C       |
| Q76MJ5     | Serine/threonine-protein kinase/endoribonuclease IRE2 | ERN2       |
| O60447     | Ecotropic viral integration site 5 protein homolog | EVI5       |
| O8N612     | FTS and Hook-interacting protein                  | FAM160A2    |
| Q13630     | GDP-L-fucose synthase                             | GFUS        |
| P12314     | High affinity immunoglobulin gamma Fc receptor I  | FCGR1A      |
| P31995     | Low affinity immunoglobulin gamma Fc region receptor II-c | FCGR2C |
| Q96RD9     | Fc receptor-like protein 5                         | FCR5        |
| Q5VL7      | Fibronecin type III domain-containing protein 7   | FNDC7       |
| Q13451     | Peptidyl-prolyl cis-trans isomerase FBKBP5        | FKBP5       |
| Q4G163     | F-box only protein 43                             | FBOXO43     |
| Q98YJ0     | Fibroblast growth factor-binding protein 2        | FGFBP2      |
| Q8N3Y1     | F-box/WD repeat-containing protein 8               | FBOXW8      |
| Q8TAT2     | Fibroblast growth factor-binding protein 3        | FGFBP3      |
| P98174     | FYVE, RhoGEF and PH domain-containing protein 1    | FGD1        |
| Q13643     | Four and a half LIM domains protein 3              | FHL3        |
| Q49SW5     | Alpha-A0AVI2                                       | FUT11       |
| Q9HB89     | Endogenous retrovirus group K member 5 Gag polyprotein | ERVK-5    |
| Q96ME1     | F-box/LRR-repeat protein 18                        | FBXL18      |
| Q9BT04     | Protein fuzzy homolog                             | FUZ         |
| Q62QN5     | Forkhead box protein I2                           | FOXI2       |
| P58012     | Forkhead box protein L2                           | FOXL2       |
| Q13069     | G antigen 5                                        | GAGE5       |
| Q98XM9     | FSD1-like protein                                 | FSD1L       |
| A6TEY3     | Putative golgin subfamily A member 6-like protein 3 | GOLGA6L3 |
| Q8WTR4     | Glycophosphodiester phosphodiesterase domain-containing protein 5 | GDPD5      |
| Q8W92      | Beta-galactosidase-1-like protein 2                | GLB1L2      |
| P01215     | Glycoprotein hormones alpha chain                 | CGA         |
| Q9UK08     | Guanine nucleotide-binding protein G               | GNG8        |
| P29992     | Guanine nucleotide-binding protein subunit alpha-11 | GNA11      |
| P43220     | Glucagon-like peptide 1 receptor                 | GLP1R       |
| Q8NS18     | Glutaredoxin-2, mitochondrial                     | GLRX2       |
| Protein                          | Ensembl ID | Description                                      |
|---------------------------------|------------|--------------------------------------------------|
| Protein GREB1                   | Q4ZG55     | GREB1                                            |
| Glucosidase 2 subunit beta      | P14314     | PRKCSH                                           |
| Probable G-protein coupled      | Q15760     | GPR19                                            |
| receptor 19                     |            |                                                  |
| Gamma-secretase-activating      | A4D1B5     | GSAP                                             |
| protein Mu 4                    | Q03013     | GSTM4                                            |
| Stress-70 protein, mitochondrial| P38646     | HSPA9                                            |
| Kelch-like protein 8            | Q9PGG9     | KLHL8                                            |
| Growth hormone-regulated TBC    | Q5TC63     | GRTP1                                            |
| protein 1                       |            |                                                  |
| Solute carrier family 2,        | Q9UGQ3     | SLC2A6                                           |
| facilitated glucose transporter  |            |                                                  |
| member 6                        |            |                                                  |
| Keratin-associated protein 4-7  | Q9BYR0     | KRTAP4-7                                         |
| Keratin-associated protein 4-9  | Q9BYQ8     | KRTAP4-9                                         |
| Transcriptional regulator Kaiso | Q96T24     | ZBTB33                                           |
| Keratin-associated protein 5-1  | Q6L8H4     | KRTAP5-1                                         |
| Core histone macro-H2A.1        | Q75367     | MACROH2 A1                                       |
| Histone H2A type 2-C            | Q16777     | H2AC20                                           |
| Glutamate receptor ionotropic,  | O43424     | GRID2                                            |
| delta-2                         |            |                                                  |
| Histone H2B type F-S            | P57053     | H2BS1                                            |
| 2-hydroxyacyl-CoA lyase 2       | A1L0T0     | ILVBL                                            |
| Heparan-alpha-glucosaminide N-  | Q68CP4     | HGSNAT                                           |
| acetyltransferase               |            |                                                  |
| Protein HEG homolog 1           | Q9ULI3     | HEG1                                             |
| Glycogen                        | P54840     | GYS2                                             |
| Probable non-functional         | A0A0C4DH35 | IGHV3-35                                         |
| immunoglobulin heavy variable 3-35 |           |                                                  |
| Heterogeneous nuclear           | O43390     | HNRNPR                                           |
| ribonucleoprotein R             |            |                                                  |
| Heterogeneous nuclear           | B7ZW38     | HNRNPCL3                                         |
| ribonucleoprotein C-like 3      |            |                                                  |
| Hepatocyte nuclear factor 6     | Q9UBC0     | ONECUT1                                          |
| High mobility group protein B3  | O15347     | HMGB3                                            |
| Interleukin-21                  | Q9HBE4     | IL21                                             |
| Zinc finger protein Aiolos      | Q9UKT9     | IKZF3                                            |
| Interleukin-1 family member 10  | Q8WWWZ1    | ILLF10                                           |
| UPF0606 protein KIAA1549L       | Q62VL6     | KIAA1549L                                        |
| JPT1                            | Q9UK76     |                                                  |
| Interleukin-1 receptor-associated kinase 1 | P51617 |                                                 |
| Serine protease inhibitor Kazal-type 4 | O60575 | SPINK4                                           |
| Kinesin-like protein KIF6        | Q6ZMV9     | KIF6                                             |
| Killer cell immunoglobulin-like | P43631     | KIR2DS2                                          |
| receptor 2DS2                   |            |                                                  |
| Potassium channel subfamily T   | Q6UVM3     | KCNT2                                            |
| member 2                        |            |                                                  |
| Kallikrein-6                    | Q92876     | KLK6                                             |
| Kv channel-interacting protein 4 | Q6PL6      | KCNIP4                                           |
| cAMP-dependent protein kinase    | P10644     | PRKAR1A                                          |
| type I-alpha regulatory subunit |            |                                                  |
| Keratin-associated protein 19-8 | Q3L54      | KRTAP19-8                                        |
| Histone acetyltransferase       | Q92794     | KAT6A                                            |
| Keratin-associated protein 5-5  | Q701N2     | KRTAP5-5                                         |
| KAT8 regulatory NSL complex subunit 2 | Q9H9L4 |                                                 |
| KN motif and ankyrin repeat      | Q63ZY3     | KANK2                                            |
| domain-containing protein 2      |            |                                                  |
| Keratin-associated protein 7-1  | Q8UC3      | KRTAP7-1                                         |
| Serine beta-lactamase-like      | P83111     | LACTB                                            |
| protein LACTB, mitochondrial    |            |                                                  |
| Immunoglobulin kappa variable 1-12 | A0A0C4DH73 | IGKV1-12                                         |
| Protein mago nashi homolog      | P61325     | MAGOH                                            |

**Gene Descriptions:**
- **GREB1**: Glucosidase 2 subunit beta
- **PRKCSH**: Probable G-protein coupled receptor 19
- **GPR19**: Gamma-secretase-activating protein
- **GSAP**: Glucoside transferase Mu 4
- **HSPA9**: Stress-70 protein, mitochondrial
- **KLHL8**: Kelch-like protein 8
- **GRTP1**: Growth hormone-regulated TBC protein 1
- **SLC2A6**: Solute carrier family 2, facilitated glucose transporter member 6
- **KRTAP4-7**: Keratin-associated protein 4-7
- **KRTAP4-9**: Keratin-associated protein 4-9
- **ZBTB33**: Transcriptional regulator Kaiso
- **KRTAP5-1**: Keratin-associated protein 5-1
- **MACROH2 A1**: Core histone macro-H2A.1
- **H2AC20**: Histone H2A type 2-C
- **GRID2**: 2-hydroxyacyl-CoA lyase 2
- **H2BS1**: Histone H2B type F-S
- **ILVBL**: Heparan-alpha-glucosaminide N-acetyltransferase
- **HEG1**: Protein HEG homolog 1
- **GYS2**: Glycogen
- **IGHV3-35**: Probable non-functional immunoglobulin heavy variable 3-35
- **HNRNPR**: Heterogeneous nuclear ribonucleoprotein R
- **HNRNPCL3**: Heterogeneous nuclear ribonucleoprotein C-like 3
- **ONECUT1**: Hepatocyte nuclear factor 6
- **HMGB3**: High mobility group protein B3
- **IL21**: Interleukin-21
- **IKZF3**: Zinc finger protein Aiolos
- **IL1F10**: Interleukin-1 family member 10
- **KIAA1549L**: UPF0606 protein KIAA1549L
- **JPT1**: Jupiter microtubule associated homolog 1
- **IRAK1**: Interleukin-1 receptor-associated kinase 1
- **SPINK4**: Serine protease inhibitor Kazal-type 4
- **KIF6**: Kinesin-like protein KIF6
- **KIR2DS2**: Killer cell immunoglobulin-like receptor 2DS2
- **KCNT2**: Potassium channel subfamily T member 2
- **KLK6**: Kallikrein-6
- **KCNIP4**: Kv channel-interacting protein 4
- **PRKAR1A**: cAMP-dependent protein kinase type I-alpha regulatory subunit
- **KRTAP19-8**: Keratin-associated protein 19-8
- **KAT6A**: Histone acetyltransferase
- **KAT8**: Keratin-associated protein 5-5
- **KANS1L2**: KAT8 regulatory NSL complex subunit 2
- **KANK2**: KN motif and ankyrin repeat domain-containing protein 2
- **KRTAP7-1**: Keratin-associated protein 7-1
- **LACTB**: Serine beta-lactamase-like protein LACTB, mitochondrial
- **IGKV1-12**: Immunoglobulin kappa variable 1-12
- **MAGOHN**: Protein mago nashi homolog

**Gene IDs:**
- **Q4ZG55**
- **P14314**
- **Q15760**
- **A4D1B5**
- **Q03013**
- **P38646**
- **Q9PGG9**
- **Q5TC63**
- **Q9UGQ3**
- **Q9BYR0**
- **Q9BYQ8**
- **Q96T24**
- **Q6L8H4**
- **O75367**
- **Q16777**
- **O43424**
- **P57053**
- **A1L0T0**
- **Q68CP4**
- **Q9ULI3**
- **P54840**
- **A0A0C4DH35**
- **O43390**
- **B7ZW38**
- **Q9UBC0**
- **O15347**
- **Q9HBE4**
- **Q9UKT9**
- **Q8WWWZ1**
- **Q62VL6**
- **Q9UK76**
- **P51617**
- **O60575**
- **Q6ZMV9**
- **P43631**
- **Q6UVM3**
- **Q92876**
- **Q6PL6**
- **P10644**
- **Q3L54**
- **Q92794**
- **Q701N2**
- **Q9H9L4**
- **Q63ZY3**
- **Q8UC3**
- **P83111**
- **A0A0C4DH73**
- **P61325**
| Accession Number | Gene Name                                      | Protein Name                      |
|------------------|-----------------------------------------------|-----------------------------------|
| Q8N468           | Major facilitator superfamily domain-containing protein 4A | MFSD4A                            |
| Q6WCQ1           | Myosin phosphatase Rho-interacting protein    | MPRIP                              |
| P11712           | Gtiochrome P450 2C9                            | CYP2C9                             |
| P20813           | Gtiochrome P450 2B6                            | CYP2B6                             |
| P13611           | Verscan core protein                           | VCAN                               |
| P17927           | Complement receptor type 1                    | CR1                                |
| P40313           | Chymotrypsin-like protease CTRL-1              | CTRL                               |
| P61073           | C-X-C chemokine receptor type 4                | CXCR4                              |
| P02778           | C-X-C motif chemokine 10                       | CXCL10                             |
| Q6NUT2           | Probable C-mannosyltransferase DPY19L2         | DPY19L2                            |
| P35659           | Protein DEK                                    | DEK                                |
| Q94760           | N                                             | DDAH1                              |
| Q8NEL9           | Phospholipase DDHD1                            | DDHD1                              |
| Q5VU92           | DDB1- and CUL4-associated factor 12-like protein 1 | DCAF12L1                         |
| Q6NSW5           | Putative DENN domain-containing protein 10 B   | DENND10P1                          |
| P17844           | Probable ATP-dependent RNA helicase DDX5       | DDX5                               |
| Q9P2X7           | Deleted in esophageal cancer 1                 | DELEC1                             |
| P81605           | Dermcin                                       | DCD                                |
| Q96LJ7           | Dehydrogenase/reductase SDR family member 1    | DHRS1                              |
| Q9UGM3           | Deleted in malignant brain tumors 1 protein    | DMBT1                              |
| Q8WXX0           | Dynein heavy chain 7, axonemal                | DNAH7                              |
| Q6ZMT9           | Death domain-containing protein 1              | DTHD1                              |
| Q6P2E9           | Enhancer of mRNA-decapping protein 4           | EDC4                               |
| Q75530           | Polycomb protein EED                           | EED                                |
| P11171           | Protein 4.1                                    | EPB41                              |
| Q9N2K0           | HERV-H_2q24.3 provirus ancestral Env polyprotein |                                   |
| Q902F8           | Endogenous retrovirus group K member 8 Env polyprotein | ERVK-8                  |
| Q9NX77           | Endogenous retrovirus group K member 13-1 Env polyprotein | ERVK13-1                  |
| Q13144           | Translation initiation factor eIF-2B subunit epsilon | EIF2B5                            |
| Q95936           | Eomesodermin homolog                           | EOMES                              |
| Q8TE68           | Epidermal growth factor receptor kinase substrate 8-like protein 1 | EPS8L1                           |
| Q9BXW9           | Fanconi anemia group D2 protein                | FANCD2                             |
| Q92731           | Estrogen receptor beta                         | ESR2                               |
| O75844           | CAAX prenyl protease 1 homolog                 | ZMPSTE24                           |
| Q9Y421           | Protein FAM32A                                 | FAM32A                             |
| Q81AV0           | Protein FAM76A                                 | FAM76A                             |
| Q2M213           | Protein FAM83E                                 | FAM83E                             |
| F2Z333           | Fibronectin type III domain-containing protein 10 | FNDC10                         |
| Q75363           | Ficolin-3                                      | FCN3                               |
| Q4ZH2G4          | Fibronectin type III domain-containing protein 1 | FNDC1                            |
| Q02790           | Peptidyl-prolyl cis-trans isomerase FKBP4       | FKBP4                              |
| Q9Y5Y0           | Feline leukemia virus subgroup C receptor-related protein 1 | FLVCR1                        |
| P31371           | Fibroblast growth factor 9                     | FGF9                               |
| P21781           | Fibroblast growth factor 7                     | FGF7                               |
| Q5D862           | Filaggrin-2                                    | FLEG2                              |
| P08620           | Fibroblast growth factor 4                     | FGF4                               |
| Q92496           | Complement factor H-related protein 4           | CFHR4                              |
| Q5TGI0           | Failed axon connections homolog                | FAXC                               |
| Accession | Description | Uniprot Code |
|-----------|-------------|--------------|
| P62684 | Endogenous retrovirus group K member 113 Gag polyprotein | HERVK_113 |
| Q96NE9 | FERM domain-containing protein 6 | FRMD6 |
| Q92945 | Far upstream element-binding protein 2 | KHSRP |
| Q14697 | Neutral alpha-glucosidase AB | GANAB |
| Q9UJY5 | ADP-ribosylation factor-binding protein GGA1 | GGA1 |
| A6NI86 | Golgin subfamily A member 6-like protein 10 | GOLGA6L10 |
| O75603 | Chorion-specific transcription factor GCMb | GCM2 |
| A6NCL1 | Geminin-coiled-coil domain-containing protein 1 | GMNC |
| Q8TEQ6 | Gem-associated protein 5 | GEMIN5 |
| P50151 | Guanine nucleotide-binding protein G | GNG10 |
| Q96CW5 | Gamma-tubulin complex component 3 | TUBGCP3 |
| Q9H227 | Cytosolic beta-glucoisidase | GBA3 |
| Q9NS67 | Probable G-protein coupled receptor 27 | GPR27 |
| Q14330 | N-arachidonyl glycerol receptor | GPR18 |
| O00270 | -12 | GPR31 |
| O95529 | Potassium voltage-gated channel subfamily H member 1 | KCNH1 |
| Q81YK4 | Procollagen galactosyltransferase 2 | COLGALT2 |
| P60893 | Probable G-protein coupled receptor 85 | GPR85 |
| Q96P67 | Probable G-protein coupled receptor 82 | GPR82 |
| Q9UL51 | Potassium/sodium hyperpolarization-activated cyclic nucleotide-gated channel 2 | HCN2 |
| P48506 | Glutamate-cysteine ligase catalytic subunit | GCLC |
| B0YJ81 | Very-long-chain | HACD1 |
| Q96EW2 | HSPB1-associated protein 1 | HSPBAP1 |
| Q06663 | Pseudouridine-5'-phosphatase | PUDP |
| Q99525 | Histone H4-like protein type G | H4C7 |
| Q53F13 | Protein Hikeshi | HIKESHI |
| Q76N89 | E3 ubiquitin-protein ligase | HECW1 |
| Q9NQG7 | Hermansky-Pudlak syndrome 4 protein | HPS4 |
| Q9ULT8 | E3 ubiquitin-protein ligase | HECTD1 |
| P20719 | Homeobox protein Hox-A5 | HOXA5 |
| P00739 | Haptoglobin-related protein | HPR |
| A8MYZ5 | IQ domain-containing protein F6 | IQCF6 |
| Q9H0H0 | Integrator complex subunit 2 | INTS2 |
| Q16674 | Melanoma-derived growth regulatory protein | MIA |
| P52732 | Kinesin-like protein KIF11 | KIF11 |
| Q6P597 | Kinesin light chain 3 | KLC3 |
| Q5H43 | Kita-kyushu lung cancer antigen 1 | CT83 |
| Q3L66 | Keratin-associated protein 20-1 | KRTAP20-1 |
| Q9NVR5 | Protein kintoun | DNAAF2 |
| Q9NSA0 | Potassium voltage-gated channel subfamily H member 7 | KCNH7 |
| O75840 | Krueppel-like factor 7 | KLF7 |
| Q9UMN6 | Histone-lysine N-methyltransferase 2B | KMT2B |
| P48742 | LIM/homeobox protein Lhx1 | LHX1 |
| P01615 | Immunoglobulin kappa variable 2D-28 | IGKV2D-28 |
| Q0NG48 | Protein Lines homolog 1 | LINS1 |
| Q14847 | LIM and SH3 domain protein 1 | LASP1 |
| Accession | Description | Accession | Description |
|-----------|-------------|-----------|-------------|
| Q9Y383    | Putative RNA-binding protein Luc7-like 2 | LUC7L2    |             |
| P05455    | Lupus La protein | SSB       |             |
| Q9GI54    | Putative L-type amino acid transporter 1-like protein IMAA | SLC7A5P2 |             |
| Q86WA8    | Lon protease homolog 2, peroxisomal | LONP2    |             |
| Q86VZ4    | Low-density lipoprotein receptor-related protein 11 | LRP11     |             |
| Q8WWO7    | Protein LTO1 homolog | LTO1     |             |
| Q96L50    | Leucine-rich repeat protein 1 | LRR1    |             |
| A6NK58    | Putative lipoxygenase 2, mitochondrial | LIPT2     |             |
| Q8N149    | Leukocyte immunoglobulin-like receptor subfamily A member 2 | LILRA2 |             |
| Q16798    | NADP-dependent malic enzyme, mitochondrial | ME3      |             |
| A6BM72    | Multiple epidermal growth factor-like domains protein 11 | MEGF11 |             |
| A0A0B411Y8 | Immunoglobulin lambda variable 9-49 | IGLV9-49 |             |
| O15068    | Guanine nucleotide exchange factor DBS | MCF2L     |             |
| P1O911    | Proto-oncogene DBL | MCF2     |             |
| P49137    | MAP kinase-activated protein kinase 2 | MAPKAP2K2 |             |
| Q15555    | Microtubule-associated protein RP/EB family member 2 | MAPRE2 |             |
| Q969V1    | Melanin-concentrating hormone receptor 2 | MCHR2    |             |
| O00462    | Beta-mannosidase | MANBA    |             |
| Q9IUJA3   | DNA helicase MCM8 | MCM8     |             |
| Q9HD88    | Endogenous retrovirus group K member 5 Env polyprotein | ERVK-5 |             |
| P51610    | Host cell factor 1 | HCFC1    |             |
| Q6NPX3    | Solute carrier family 2, facilitated glucose transporter member 7 | SLC2A7 |             |
| P0CAP2    | DNA-directed RNA polymerase II subunit GRN1LA | POLR2M |             |
| Q5TGS1    | Transcription factor HES-3 | HES3     |             |
| Q8NE63    | Homeodomain-interacting protein kinase 4 | HIPK4 |             |
| Q7Z353    | Highly divergent homeobox | HDX     |             |
| O43679    | LIM domain-binding protein 2 | LDB2    |             |
| Q86XA9    | HEAT repeat-containing protein 5A | HEATR5A |             |
| P35453    | Homeobox protein Hox-D13 | HOXD13 |             |
| P57058    | Hormonally up-regulated neu tumor-associated kinase | HUNK |             |
| A0A0B411V0 | Immunoglobulin heavy variable 3-15 | IGHV3-15 |             |
| P0DTE1    | Probable non-functional immunoglobulin heavy variable 3-38-3 | IGHV3-38-3 |             |
| Q9ULV5    | Heat shock factor protein 4 | HSF4     |             |
| Q09757    | Heat shock 70 kDa protein 4L | HSPA4L  |             |
| Q86YM7    | Homer protein homolog 1 | HOMER1    |             |
| Q16534    | Hepatic leukemia factor | HLF     |             |
| Q6P1K1    | Heme transporter HRG1 | SLC48A1 |             |
| Q5SS5J    | Heterochromatin protein 1-binding protein 3 | HP1BP3 |             |
| A0A0C4DH62 | Immunoglobulin heavy joining 1 | IGHJ1 |             |
| Q01344    | Interleukin-5 receptor subunit alpha | IL5RA |             |
| Q92598    | Heat shock protein 105 kDa | HSPH1 |             |
| P56537    | Eukaryotic translation initiation factor 6 | EIF6 |             |
| Q13478    | Interleukin-18 receptor 1 | IL18R1 |             |
| Accession | Description                                                                 | Gene   |
|-----------|------------------------------------------------------------------------------|--------|
| P05198    | Eukaryotic translation initiation factor 2 subunit 1                         | EIF2S1 |
| P09565    | Putative insulin-like growth factor 2-associated protein                     | GIG44  |
| Q8NBZ0    | INO80 complex subunit E                                                       | INO80E |
| Q8WWN9    | Interactor protein for cytohesin exchange factors 1                          | IPCEF1 |
| Q9UMF0    | Intercellular adhesion molecule 5                                             | ICAM5  |
| A6NGN9    | IgLON family member 5                                                         | IGLON5 |
| P52294    | Importin subunit alpha-5                                                      | KPNA1  |
| Q7ZSL9    | Interferon regulatory factor 2-binding protein 2                              | IRF2BP2|
| Q98TL4    | Immediate early response gene 2 protein                                       | IER2   |
| P07099    | Epoxide hydrolase 1                                                           | EPHX1  |
| Q8IVH4    | Methylmalonate aciduria type A protein, mitochondrial                        | MMAA   |
| Q98QA1    | Methylome protein 50                                                          | WDR77  |
| Q96YE8    | Cornoid adenosyltransferase                                                   | MMAB   |
| Q96FF7    | Uncharacterized protein MISP3                                                 | MISP3  |
| Q8IVT2    | Mitotic interactor and substrate of PLK1                                      | MAPK1IP1L|
| Q8NDC0    | MAPK-interacting and spindle-stabilizing protein-like                         | MAPK1IP1L|
| P23677    | Inositol-trisphosphate 3-kinase A                                            | ITPKA  |
| Q8NC13    | Uncharacterized protein KIAA0895                                              | KIAA0895|
| Q9UKX5    | Integrin alpha-11                                                             | ITGA11 |
| Q94854    | Uncharacterized protein KIAA0754                                              | KIAA0754|
| Q96CG6    | Uncharacterized protein KIAA0930                                              | KIAA0930|
| Q9Y287    | Integral membrane protein 2B                                                  | ITM2B  |
| P13464    | Keratin, type I cytoskeletal 13                                               | KRT13  |
| Q14573    | Inositol 1,4,5-trisphosphate receptor type 3                                  | ITPR3  |
| Q2M215    | Keratin, type I cytoskeletal 24                                                | KRT24  |
| O95050    | Indolethylamine N-methyltransferase                                           | INMT   |
| Q99550    | M-phase phosphoprotein 9                                                      | MPHOSPH|
| Q9NR64    | Kelch-like protein 1                                                          | KLHL1  |
| Q8NCY6    | Myb/SANT-like DNA-binding domain-containing protein 4                         | MSAN4TD4|
| Q8TDN1    | Potassium voltage-gated channel subfamily G member 4                          | KCNG4  |
| Q6IPM2    | IQ domain-containing protein E                                                | IQCE   |
| P10914    | Interferon regulatory factor 1                                                | IRF1   |
| Q9UK32    | Ribosomal protein S6 kinase alpha-6                                           | RPS6KA6|
| Q8N5S9    | Calcium/calmodulin-dependent protein kinase kinase 1                          | CAMKK1 |
| Q13976    | cGMP-dependent protein kinase 1                                               | PRKG1  |
| Q8NAB2    | Kelch repeat and BTB domain-containing protein 3                              | KBTBD3 |
| Q51KA1    | Protein lin-9 homolog                                                        | LIN9   |
| Q43813    | Glutathione S-transferase LANCL1                                              | LANCL1 |
| Q9HBX8    | Leucine-rich repeat-containing G-protein coupled receptor 6                   | LGR6   |
| Q95835    | Serine/threonine-protein kinase LAT5                                          | LATS1  |
| Q9Y561    | Low-density lipoprotein receptor-related protein 12                           | LRP12  |
| Q96KN4    | Protein LRATD1                                                               | LRATD1 |
| Q9NZR2    | Low-density lipoprotein receptor-related protein 1B                           | LRP1B  |
| Q96M69    | Leucine-rich repeat and guanylate kinase domain-containing protein            | LRGUK  |
| Q12907    | Vesicular integral-membrane protein VIP36                                     | LMAN2  |
| P49257    | Protein ERGIC-53                                                             | LMAN1  |
| O95274    | Ly6/PLAUR domain-containing protein 3                                         | LYPD3  |
| Accession | Description                                    | Gene Symbol   |
|-----------|------------------------------------------------|---------------|
| Q8N9Z9    | Lamin tail domain-containing protein 1        | LMNTD1        |
| P01701    | Immunoglobulin lambda variable 1-51          | IGLV1-51      |
| Q9UKM7    | Endoplasmic reticulum mannose-oligosaccharide 1,2-alpha-mannosidase | MAN1B1        |
| A0A087WX  | Meiosis-specific kinetochore protein          | MEIKIN        |
| Q9H944    | Mediator of RNA polymerase II transcription subunit 20 | MED20        |
| Q7Z7M0    | Multiple epidermal growth factor-like domains protein 8 | MEGF8        |
| Q99558    | Mitogen-activated protein kinase kinase kinase 14 | MAP3K14      |
| Q7L590    | Protein MCM10 homolog                         | MCM10         |
| P25106    | Atypical chemokine receptor 3                 | ACKR3         |
| P08912    | Muscarinic acetylcholine receptor M5          | CHRM5         |
| P45954    | Short/branched chain specific acyl-CoA dehydrogenase, mitochondrial | ACADS8       |
| Q81DN7    | Alkaline ceramidase 1                         | ACER1         |
| P86434    | Putative uncharacterized protein ADORA2A-AS1  | ADORA2A-AS1   |
| Q8IWH93   | Rho guanine nucleotide exchange factor 19     | ARHGEF19      |
| Q9Y4X5    | E3 ubiquitin-protein ligase ARIH1             | ARIH1         |
| Q9NW16    | Asparagine synthetase domain-containing protein 1 | ASNSD1      |
| P42575    | Caspase-2                                     | CASP2         |
| Q96JN2    | Coiled-coil domain-containing protein 136     | CCDC136       |
| Q96JN98   | Coiled-coil domain-containing protein 89      | CCDC89        |
| Q9NVE4    | Coiled-coil domain-containing protein 87      | CCDC87        |
| Q8NAP1    | Putative protein CASTOR 3                    | CASTOR3       |
| P21926    | CD9 antigen                                   | CD9           |
| Q9HD42    | Charged multivesicular body protein 1a       | CHMP1A        |
| A8MTB9    | Carcinoembryonic antigen-related cell adhesion molecule 18 | CEACAM18     |
| Q96N23    | Cilia- and flagella-associated protein 54     | CFAP54        |
| Q15782    | Chitinase-3-like protein 2                    | CHI3L2        |
| P06731    | Carcinoembryonic antigen-related cell adhesion molecule 5 | CEACAM5     |
| Q16543    | Hsp90 co-chaperone Cdc37                     | CDC37         |
| Q6ZU64    | Cilia- and flagella-associated protein 65     | CFAP65        |
| Q6IQ19    | Centriole, cilia and spindle-associated protein | CCSAP        |
| F2Z3F1    | Uncharacterized protein C5orf67              | C5orf67       |
| P86791    | Vacular fusion protein CCZ1 homolog          | CCZ1          |
| P28907    | ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase 1 | CD38        |
| P49454    | Centromere protein F                         | CENPF         |
| Q96G23    | Ceramide synthase 2                          | CERS2         |
| B2RD01    | CENPB DNA-binding domain-containing protein 1 | CENPB1D1     |
| Q5EE01    | Centromere protein W                         | CENPW         |
| P11597    | Cholesteryl ester transfer protein            | CETP          |
| Q66WS54   | Uncharacterized protein C12orf40             | C12orf40      |
| Q8NB99    | Uncharacterized protein C11orf72             | C11orf72      |
| P26441    | Ciliary neurotrophic factor                  | CNTF          |
| Q07065    | Cytoskeleton-associated protein 4             | CKAP4         |
| Accession | Description                                      | Description                                      | Description                                      |
|-----------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|
| O75746    | Calcium-binding mitochondrial carrier protein Aralar1 | SLC25A12                                        |                                                  |
| P23946    | Chymase                                           | CMA1                                             |                                                  |
| P09919    | Granulocyte colony-stimulating factor             | CSF3                                             |                                                  |
| P68400    | Casein kinase II subunit alpha                    | CSNK2A1                                          |                                                  |
| Q965M4    | Probable carboxypeptidase X1                      | CPXM1                                            |                                                  |
| Q96E8V    | Dysbindin                                         | DUSP4                                            |                                                  |
| Q13115    | Dual specificity protein phosphatase 4            |                                                  |                                                  |
| P29692    | Elongation factor 1-delta                         | EEF1D                                            |                                                  |
| Q92784    | Zinc finger protein DPF3                          | DPF3                                             |                                                  |
| Q99B8V    | Protein ECT2                                      | ECT2                                             |                                                  |
| Q6XUX3    | Dual serine/threonine and tyrosine protein kinase | DSTYK                                            |                                                  |
| Q8NEX9    | Short-chain dehydrogenase/reductase family 9C member 7 | SDR9C7                                          |                                                  |
| Q15218    | G-protein coupled receptor 182                    | GPR18Z                                           |                                                  |
| Q658K8    | Putative elongation factor 1-delta-like protein   | EEF1DP3                                          |                                                  |
| P16444    | Dipeptidase 1                                     | DPEP1                                            |                                                  |
| P30046    | D-dopachrome decarboxylase                        | DDT                                              |                                                  |
| Q9NYP3    | Protein downstream neighbor of Son                | DONSON                                           |                                                  |
| Q9NWW4    | G patch domain-containing protein 2-like          | GAPATCH2L                                        |                                                  |
| P16422    | Epithelial cell adhesion molecule                 | EPCAM                                            |                                                  |
| Q8N0D1    | EF domain-binding protein 1                       | EMBP1                                            |                                                  |
| O75355    | Ectonucleoside triphosphate diphosphohydrolase 3  | ETPD3                                            |                                                  |
| Q15372    | Eukaryotic translation initiation factor 3 subunit H | EIF3H                                           |                                                  |
| Q6ZNA5    | Ferric-chelate reductase 1                        | FRRS1                                            |                                                  |
| Q9UPW0    | Forkhead box protein J3                           | FOXJ3                                            |                                                  |
| P0DP12    | Glutamine amidotransferase-like class 1 domain-containing protein 3A, mitochondrial | GATD3A                                           |                                                  |
| Q86VQ1    | Glucocorticoid-induced transcript 1 protein       | GLCC1                                            |                                                  |
| Q8TF64    | PDZ domain-containing protein GIPC3               | GIPC3                                            |                                                  |
| A1L429    | G antigen 12B/C/D/E                               | GAGE12B                                          |                                                  |
| Q9NZ52    | ADP-ribosylation factor-binding protein GGA3      | GGA3                                             |                                                  |
| P0CL80    | G antigen 12F                                     | GAGE12F                                          |                                                  |
| P10075    | Zinc finger protein GLI4                          | GLI4                                             |                                                  |
| P10071    | Transcriptional activator GLI3                    | GLI3                                             |                                                  |
| O75496    | Geminin                                           | GMNN                                             |                                                  |
| Q02742    | Beta-1,3-galactosyl-O-glycosylglycoprotein beta-1,6-N-acetylglucosaminyltransferase | GCNT1                                           |                                                  |
| Q17RS7    | Flap endonuclease GEN homolog 1                   | GEN1                                             |                                                  |
| O43555    | Prolongoliberin-2                                 | GNRH2                                            |                                                  |
| P63215    | Guanine nucleotide-binding protein G              | GNG3                                             |                                                  |
| P78334    | Gamma-amnobutyric acid receptor subunit epsilon   | GABRE                                            |                                                  |
| P18507    | Gamma-amnobutyric acid receptor subunit gamma-2   | GABRG2                                           |                                                  |
| P35754    | Glutaredoxin-1                                    | GLRX                                             |                                                  |
| Q8N3Z3    | GTP-binding protein 8                             | GTPBP8                                           |                                                  |
| Q16661    | Guanylate cyclase activator 2B                    | GUCA2B                                           |                                                  |
| Q68014    | Histone H2B type 1-K                              | H2BC12                                           |                                                  |
| P0CG30    | Glutathione S-transferase theta-2B               | GSTT2B                                            |                                                  |
| Q4G1C9    | GLIPR1-like protein 2                             | GLIPR1L2                                          |                                                  |
| Accession | Description                                                                 | Protein Name |
|-----------|-----------------------------------------------------------------------------|--------------|
| Q32298    | G protein-coupled receptor kinase 4                                        | GRK4         |
| Q16099    | Glutamate receptor ionotropic, kainate 4                                   | GRK4         |
| Q16665    | Hypoxia-inducible factor 1-alpha                                            | HIF1A        |
| Q6WQ6     | Putative cancer susceptibility gene HEPN1 protein                           | HEPN1        |
| Q9RX5     | HERV-H LTR-associating protein 3                                            | HHLA3        |
| Q9YSZ4    | Heme-binding protein 2                                                      | HEBP2        |
| P17483    | Homeobox protein Hox-B4                                                     | HOXB4        |
| Q9NV9R2   | Integrator complex subunit 10                                               | INTS10       |
| Q15306    | Interferon regulatory factor 4                                              | IRF4         |
| A6NK06    | Citroconitate decarboxylase                                                 | ACOD1        |
| Q3L168    | Keratin-associated protein 22-2                                             | KRTAP22-2    |
| Q15349    | Ribosomal protein S6 kinase alpha-2                                         | RPS6KA2      |
| Q76009    | Keratin, type I cuticular Ha3-1                                             | KRT33A       |
| Q98YR6    | Keratin-associated protein 3-3                                              | KRTAP3-3     |
| Q9NVR0    | Kelch-like protein 11                                                       | KLHL11       |
| Q98YR7    | Keratin-associated protein 3-2                                              | KRTAP3-2     |
| C9JR72    | Kelch repeat and BTB domain-containing protein 13                           | KBTBD13      |
| Q9GZ28    | Extracellular glycoprotein lacritin                                          | LACRT        |
| Q16659    | Mitogen-activated protein kinase 6                                          | MAPK6        |
| Q86YT6    | E3 ubiquitin-protein ligase MIB1                                             | MIB1         |
| Q60882    | Matrix metalloproteinase-20                                                 | MMP20        |
| Q98R09    | Mesoderm posterior protein 1                                                | MESP1        |
| Q9GZT9    | Egl nine homolog 1                                                          | EGLN1        |
| Q8UI55    | Epoxide hydrolase 4                                                         | EPHX4        |
| Q9UNN8    | Endothelial protein C receptor                                              | PROCR        |
| Q14232    | Translation initiation factor eIF-2B subunit alpha                          | EIF2B1       |
| Q5JST6    | EF-hand domain-containing family member C2                                  | EFHC2        |
| Q92913    | Fibroblast growth factor 13                                                 | FGF13        |
| Q8N475    | Follistatin-related protein 5                                               | FSTL5        |
| Q76087    | G antigen 7                                                                | GAGE7        |
| Q60548    | Forkhead box protein D2                                                     | FOXD2        |
| Q96Z21    | Forkhead box protein N4                                                     | FOXL4        |
| Q96C23    | Galactose mutarotase                                                        | GALM         |
| Q120946   | Forkhead box protein F1                                                     | FOXF1        |
| A1LK1     | Fibronectin type III and SPRY domain-containing protein 2                   | FSD2         |
| Q9UBC7    | Galanin-like peptide                                                        | GALP         |
| P09681    | Gastric inhibitory polypeptide                                              | GIP          |
| P22749    | Granulysin                                                                  | GNLY         |
| Q96EK6    | Glucosamine 6-phosphate N-acetyltransferase                                | GNPNAT1      |
| Q6ZN66    | Guanylate-binding protein 6                                                 | GBP6         |
| P12544    | Granzyme A                                                                  | GZMA         |
| D6RF30    | Golgin subfamily A member 8K                                                | GOLGA8K      |
| Q3T906    | N-acetylglucosamine-1-phosphotransferase subunits alpha/beta                | GNPTAB       |
| O14626    | Probable G-protein coupled receptor 171                                     | GPR171       |
| Q86WP2    | Vasculin                                                                    | GPBP1        |
| P43304    | Glycerol-3-phosphate dehydrogenase, mitochondrial                          | GPD2         |
| Q02643    | Growth hormone-releasing hormone receptor                                  | GHRHR        |
| Q9UJ14    | Glutathione hydrolase 7                                                     | GGT7         |
| P04150    | Glucocorticoid receptor                                                     | NR3C1        |
| Q94K02    | Translation initiation factor IF-3, mitochondrial                           | MTIF3        |
| Q43837    | Isocitrate dehydrogenase                                                    | IDH3B        |
| P19367    | Hexokinase-1                                                                | HK1          |
| P52789    | Hexokinase-2                                                                | HK2          |
| O75874    | Isocitrate dehydrogenase                                                    | IDH1         |
| ID     | Description                                                                 | Symbol   |
|--------|-----------------------------------------------------------------------------|----------|
| Q16666 | Gamma-interferon-inducible protein 16                                      | IFI16    |
| P34913 | Bilirubin oxidase 2                                                         | EPHX2    |
| Q9UG01 | Intraflagellar transport protein 172 homolog                               | IFT172   |
| P52790 | Hexokinase-3                                                                | HK3      |
| P47813 | Eukaryotic translation initiation factor 1A, X-chromosomal                  | EIF1AX   |
| O14602 | Eukaryotic translation initiation factor 1A, Y-chromosomal                   | EIF1AY   |
| Q9HCN6 | Platelet glycoprotein VI                                                    | GP6      |
| Q75311 | Glycine receptor subunit alpha-3                                            | GLRA3    |
| Q7Z4T8 | Inactive polypeptide N-acetylglalactosaminyltransferase-like protein 5      | GALNTL5  |
| Q49A17 | Polypeptide N-acetylglalactosaminyltransferase-like protein 6               | GALNTL6  |
| Q16775 | Hydroxyacylglutathione hydrolase, mitochondrial                            | HAGH     |
| P49685 | G-protein coupled receptor 15                                               | GPR15    |
| O15063 | Granule associated Rac and RHOG effector protein 1                          | GARRE1   |
| P30550 | Gastrin-releasing peptide receptor                                           | GRPR     |
| Q6NX2  | Histone H3.3C                                                               | H3-5     |
| Q92896 | Golgi apparatus protein 1                                                  | GLG1     |
| Q14833 | Metabotropic glutamate receptor 4                                           | GRM4     |
| Q9BXW7 | Haloacid dehalogenase-like hydrolase domain-containing 5                   | HDHD5    |
| P54257 | Huntingtin-associated protein 1                                             | HAP1     |
| Q7Z2Y8 | Interferon-induced very large GTPase 1                                      | GVINP1   |
| O60243 | Heparan-sulfate 6-O-sulfotransferase 1                                      | HS6ST1   |
| Q98YK8 | Helicase with zinc finger domain 2                                          | HEL22    |
| Q9YS43 | Transcription factor HES-2                                                 | HES2     |
| P01825 | Immunoglobulin heavy variable 4-59                                          | IGHV4-59 |
| Q9UBD0 | Heat shock transcription factor, X-linked                                   | HSFX1    |
| P09913 | Interferon-induced protein with tetraticopeptide repeats 2                 | IFIT2    |
| P20823 | Hepatoocyte nuclear factor 1-alpha                                           | HNF1A    |
| Q9HB29 | Interleukin-1 receptor-like 2                                               | IL1RL2   |
| Q6U949 | Putative insulin-like growth factor 2 antisense gene protein               | IGF2-AS  |
| P15814 | Immunoglobulin lambda-like polypeptide 1                                   | IGLL1    |
| P01861 | Immunoglobulin heavy constant gamma 4                                      | IGHG4    |
| O00221 | NF-kappa-B inhibitory epsilon                                                | NFKBIE   |
| Q8NEV9 | Interleukin-27 subunit alpha                                                | IL27     |
| P13598 | Intercellular adhesion molecule 2                                           | ICAM2    |
| Q2VIR3 | Eukaryotic translation initiation factor 2 subunit 3B                       | EIF2S3B  |
| Q86T90 | Protein hinderin                                                           | KIAA1328 |
| Q9UKP3 | Integrin beta-1-binding protein 2                                           | ITGB1BP2 |
| Q6ZSG2 | Inhibitory synaptic factor 2A                                               | INSYN2A  |
| Q94889 | Kelch-like protein 18                                                       | KHLI18   |
| Q9HAQ2 | Kinesin-like protein KIF9                                                   | KIF9     |
| Q6PIU1 | Potassium voltage-gated channel subfamily V member 1                        | KCNV1    |
| Q15418 | Ribosomal protein S6 kinase alpha-1                                         | RPS6KA1  |
| Q6N1A0 | Keratin-like protein KRT222                                                 | KRT222   |
| P0C7H8 | Keratin-associated protein 2-3                                              | KRTAP2-3 |
| Q8NBH2 | Kyphoscoliosis peptidase                                                   | KY       |
| Accession      | Description                                                                 | Entrez ID |
|---------------|----------------------------------------------------------------------------|-----------|
| Q8WVZ9        | Kelch repeat and BTB-domain-containing protein 7                           | KBTBD7    |
| Q9UPO0        | LIM and calponin homology domains-containing protein 1                      | LIMCH1    |
| Q9H239        | Matrix metalloproteinase-28                                                | MMP28     |
| Q5HYA8        | Meckelin                                                                    | TMEM67    |
| Q8IY33        | MICAL-like protein 2                                                        | MICALL2   |
| Q01449        | Myosin regulatory light chain 2, atrial isoform                             | MYL7      |
| O14880        | Microsomal glutathione S-transferase 3                                     | MGST3     |
| Q99735        | Microsomal glutathione S-transferase 2                                     | MGST2     |
| O00587        | Beta-1,3-N-acetylglucosaminyltransferase manic fringe                       | MFNG      |
| Q5VWP3        | Muscular LMNA-interacting protein                                           | MLIP      |
| P0DMC3        | Apelin receptor early endogenous ligand                                     | APELA     |
| Q8IYF1        | Elongin-A2                                                                 | ELOA2     |
| Q96KQ7        | Histone-lysine N-methyltransferase EHMT2                                    | EHMT2     |
| Q8TE67        | Epidermal growth factor receptor kinase substrate 8-like protein 3          | EPS8L3    |
| Q14674        | Separin                                                                     | ESPL1     |
| Q8IYD1        | Eukaryotic peptide chain release factor GTP-binding subunit ERF3B           | GSPT2     |
| Q9Y247        | Protein FAM50B                                                              | FAM50B    |
| Q8ND86        | Protein FAM156A/FAM156B                                                     | FAM156A   |
| P24071        | Immunoglobulin alpha Fc receptor                                            | FCAR      |
| Q9Y2H6        | Fibroblast type-III domain-containing protein 3A                            | FNDC3A    |
| P31512        | Dimethylamine monoxygenase                                                   | FMO4      |
| A0FGR8        | Extended synaptotagmin-2                                                    | ESYT2     |
| P10412        | Histone H1.4                                                                | H1-4      |
| P23610        | 40-kDa huntingtin-associated protein                                        | F8A1;     |
| Q8N6M3        | Acyl-coenzyme A diphosphatase                                                | FITM2     |
| P0C2W1        | F-box/SPRY domain-containing protein 1                                      | FBXO45    |
| Q75426        | F-box only protein 24                                                        | FBXO24    |
| P21333        | Filamin-A                                                                   | FLNA      |
| Q8IX29        | F-box only protein 16                                                        | FBXO16    |
| Q9UKT8        | F-box/WD repeat-containing protein 2                                         | FBXW2     |
| P02751        | Fibronectin                                                                 | FN1       |
| B1AJ29        | Forkhead-associated domain-containing protein 1                             | FHAD1     |
| Q03591        | Complement factor H-related protein 1                                       | CFHR1     |
| P98095        | Fibrin-2                                                                    | FBLN2     |
| O13552        | Free fatty acid receptor 2                                                   | FFAM2     |
| Q5H8C1        | FRAS1-related extracellular matrix protein 1                                | FREM1     |
| P57057        | Glucose-6-phosphate exchanger                                               | SLC37A1   |
| Q06546        | GA-binding protein alpha chain                                              | GABPA     |
| Q9P282        | Prostaglandin F2 receptor negative regulator                                | PTGFRN    |
| Q8IWF2        | FAD-dependent oxidoreductase domain-containing protein 2                    | FOXRED2   |
| P22466        | Galanin peptides                                                            | GAL       |
| Q14376        | UDP-glucose 4-epimerase                                                      | GALE      |
| Q92820        | Gamma-glutamyl hydrolase                                                    | GGH       |
| P36269        | Glutathione hydrolase 5 proenzyme                                           | GGT5      |
| ID       | Description                                                                 | Accession |
|----------|------------------------------------------------------------------------------|-----------|
| Q9UMX6   | Guanylyl cyclase-activating protein 2                                         | GUCA1B    |
| P62807   | Histone H2B type 1-C/E/F/G/I                                                | H2BC4     |
| Q7SN03   | E3 ubiquitin–protein ligase Hakai                                            | CBL1      |
| Q6NZ57   | Histone H2B type 3-B                                                        | H2BU1     |
| P42262   | Glutamate receptor 2                                                         | GRN2      |
| A8MV81   | HIG1 domain family member 1C                                                 | HIGD1C    |
| Q8IZP7   | Heparan–sulfate 6-O-sulfotransferase 3                                       | HS6ST3    |
| Q04756   | Hepatocyte growth factor activator                                           | HGFC      |
| Q13571   | Lysosomal-associated transmembrane protein 5                                  | LAPT5M5   |
| Q66W02   | HEAT repeat-containing protein 4                                              | HEATR4    |
| P42858   | Huntingtin                                                                  | HTT       |
| P54652   | Heat shock-related 70 kDa protein 2                                           | HSPA2     |
| P09629   | Homeobox protein Hox-B7                                                      | HOXB7     |
| P0DP01   | Immunoglobulin heavy variable 1–8                                             | IGHV1-8   |
| Q14103   | Heterogeneous nuclear ribonucleoprotein D0                                    | HNRNPD    |
| Q8IW8    | Hydroxycid–oxoacid transhydrogenase, mitochondrial                          | ADHFE1    |
| Q9YSL2   | Hypoxia-inducible lipid droplet-associated protein                           | HILPDA    |
| P0DMR1   | Heterogeneous nuclear ribonucleoprotein C–like 4                             | HNRNPC4   |
| Q1KMD3   | Heterogeneous nuclear ribonucleoprotein U–like protein 2                     | HNRNPU2   |
| P13232   | Interleukin–7                                                                | IL7       |
| Q13418   | Integrin-linked protein kinase                                               | ILK       |
| P60842   | Eukaryotic initiation factor 4A–I                                            | EIF4A1    |
| P0DOX7   | Immunoglobulin kappa light chain                                             | ICOSL5    |
| Q9H583   | HEAT repeat-containing protein 1                                              | HEATR1    |
| Q9BYH8   | NF–kappa–B inhibitor zeta                                                     | NFKBIZ    |
| Q75144   | ICOS ligand                                                                  | ICAM4     |
| Q14773   | Intercellular adhesion molecule 4                                             | IGFL1     |
| Q8N6C5   | Immunoglobulin superfamily member 1                                          | IGFL1     |
| Q95998   | Interleukin–18–binding protein                                                | IL18BP    |
| Q99456   | Keratin, type I cytoskeletal 12                                               | KRT12     |
| Q86V13   | Ras GTPase-activating-like protein IQGAP3                                     | IQGAP3    |
| Q96AB3   | Isochormatase domain-containing protein 2                                    | ISOC2     |
| Q9NNR6   | Phosphatidylinositol polyphosphate 5-phosphatase type IV                     | INPP5E    |
| Q5VWX1   | KH domain-containing, RNA-binding, signal transduction-associated protein 2  | KHDBS2    |
| Q9UBX7   | Kallikrein–11                                                                | KLK11     |
| Q9Y337   | Kallikrein–5                                                                 | KLK5      |
| Q3L03    | Keratin–associated protein 24–1                                               | KRTAP24-1 |
| Q9HB15   | Potassium channel subfamily K member 12                                      | KCNK12    |
| Q9BYA0   | Katin p80 WD40 repeat-containing subunit B                                   | KATNB1    |
| P60413   | Keratin–associated protein 10–12                                             | KRTAP10–12|
| Q96NX5   | Calcium/calmodulin–dependent protein kinase type 1G                          | CAMK1G    |
| A0DAOA4MT36 | Immunoglobulin kappa variable 6D–21                                      | IGKV6D-21 |
| Q9UBR4   | LIM/homeobox protein Lhx3                                                    | LHX3      |
| P01593   | Immunoglobulin kappa variable 10–12                                          | IGKV1D-33 |
| Q6ZQX7   | Protein LIAT1                                                                | LIAT1     |
| Accession | Description |
|-----------|-------------|
| A0A1W2PQ | ETS domain-containing transcription factor ERF-like |
| Q6S0N0  | Endoplasmic reticulum resident protein 27 |
| Q9NK6   | Protein EURL homolog |
| Q8LNN5  | FAS-associated factor 1 |
| P49640  | Homeobox even-skipped homolog protein 1 |
| Q6P213  | Fumarylacetoacetate hydrolase domain-containing protein 2B |
| A8K979  | ERI1 exoribonuclease 2 |
| Q8TC84  | Fibronectin type 3 and ankyrin repeat domains protein 1 |
| Q9Y2C4  | Nucleosome EXOG, mitochondrial |
| Q6IRX5  | Protein FAM178B |
| P13804  | Electron transfer flavoprotein subunit alpha, mitochondrial |
| Q9NW38  | E3 ubiquitin-protein ligase FANCL |
| QST890  | DNA excision repair protein ERCC-6-like 2 |
| P08637  | Low affinity immunoglobulin gamma Fc region receptor III-A |
| Q8NI29  | F-box only protein 27 |
| Q9UK99  | F-box only protein 3 |
| Q6P6J6  | F-box only protein 46 |
| Q08830  | Fibrinogen-like protein 1 |
| Q9COQ6  | FH2 domain-containing protein 1 |
| P42685  | Tyrosine-protein kinase FRK |
| Q911T0  | Alpha- |
| P220B8  | Alpha- |
| Q3SYB3  | Forkhead box protein D4-like 6 |
| Q99RO8  | Ferroptosis suppressor protein 1 |
| Q9Y261  | Hepatocyte nuclear factor 3-beta |
| Q12948  | Forkhead box protein C1 |
| Q96F15  | GTPase IMAP family member 5 |
| P0CG01  | Gastrokine-3 |
| Q9NZC3  | Glycerophosphodiester phosphodiesterase 1 |
| Q5JR9   | Putative G antigen family E member 3 |
| Q6UVX0  | GDNF family receptor alpha-like |
| Q6O3Q3  | Growth/differentiation factor 9 |
| Q43881  | ATPase GET3 |
| Q5UAW9  | G-protein coupled receptor 157 |
| O95467  | Neuroendocrine secretory protein 55 |
| P59796  | Glutathione peroxidase 6 |
| Q14956  | Transmembrane glycoprotein NMB |
| Q8NB65  | Procollagen galactosyltransferase 1 |
| Q14687  | Genetic suppressor element 1 |
| A0A1W2PR | Glutathione S-transferase theta-4 |
| P13196  | 5-aminolevulinate synthase, nonspecific, mitochondrial |
| P60008  | Putative spermatid-specific linker histone H1-like protein |
| Q9NYT6  | Hypoxia-inducible factor 1-alpha inhibitor |
| Q9UBP5  | Hairy/enhancer-of-split related with YRPW motif protein 2 |
| Q8IVU3  | Probable E3 ubiquitin-protein ligase HERC6 |
| Q8NGO8  | DNA helicase B |
| P52272  | Heterogeneous nuclear ribonucleoprotein M |
| Accession   | Description                                      | Accession   | Description                                      |
|------------|--------------------------------------------------|------------|--------------------------------------------------|
| A0A0C4DH29 | Immunoglobulin heavy variable 1-3                | IGHV1-3    |                                                  |
| A0A0G2JMI3 | Immunoglobulin heavy variable 1-69-2             | IGHV1-69-2 |                                                  |
| A2RU54     | Homeobox protein HMX2                            | HMX2       |                                                  |
| Q92619     | Rho GTPase-activating protein 45                 | ARHGAP45   |                                                  |
| O60812     | Heterogeneous nuclear ribonucleoprotein C-like 1 | HNRNPCL1   |                                                  |
| P0CI71     | Humanin-like 4                                   | MTRNR2L4   |                                                  |
| P0CI74     | Humanin-like 7                                   | MTRNR2L7   |                                                  |
| P10145     | Interleukin-8                                    | CXCL8      |                                                  |
| Q53G44     | Interferon-induced protein 44-likes              | IFI44L     |                                                  |
| Q13007     | Interleukin-24                                   | IL24       |                                                  |
| Q6WR10     | Immunoglobulin superfamily member 10            | IGSF10     |                                                  |
| Q14974     | Importin subunit beta-1                          | KPNB1      |                                                  |
| P00995     | Serine protease inhibitor Kazal-type 1           | SPINK1     |                                                  |
| Q9BY89     | Uncharacterized protein KIAA1671                 | KIAA1671   |                                                  |
| Q96S16     | JmjC domain-containing protein 8                 | JMID8      |                                                  |
| Q9HDC5     | Junctophilin-1                                   | JPH1       |                                                  |
| Q8VT5      | Kinase suppressor of Ras 1                       | KSR1       |                                                  |
| Q9UGL1     | Lysine-specific demethylase 5B                   | KDM5B      |                                                  |
| Q14525     | Keratin, type I cuticular Ha3-II                 | KRT33B     |                                                  |
| Q60238     | Keratin-associated protein 12-3                  | KRTAP12-3  |                                                  |
| Q86Y97     | Histone-lysine N-methyltransferase KMT5C         | KMT5C      |                                                  |
| Q13237     | cGMP-dependent protein kinase 2                  | PRKG2      |                                                  |
| Q8WVF5     | BTB/POZ domain-containing protein KCTD4          | KCTD4      |                                                  |
| Q32CT8     | Kelch repeat and BTB domain-containing protein 12| KBTBD12    |                                                  |
| Q5VSP4     | Putative lipocalin 1-like protein 1              | LCN1P1     |                                                  |
| Q5TCM9     | Late cornified envelope protein 5A               | LCE5A      |                                                  |
| Q8NOV4     | Leucine-rich repeat Lgi family member 2          | LGI2       |                                                  |
| Q96L11     | Sperm-egg fusion protein LLECFC1                 | LLECFC1    |                                                  |
| Q92604     | CoA:lysophosphatidylglycerol acyltransferase 1   | LPGAT1     |                                                  |
| Q13164     | Mitogen-activated protein kinase 7               | MAPK7      |                                                  |
| Q9H492     | Microtubule-associated proteins 1A/1B light chain 3A | MAP1LC3A |                                                  |
| A6NFX1     | Major facilitator superfamily domain-containing protein 2B | MFSDB2 |                                                  |
| Q10571     | Transcriptional activator MN1                    | MN1        |                                                  |
| Q95163     | Elongation complex protein 1                     | ELP1       |                                                  |
| Q8NG57     | Elongin-A3                                       | ELOA3P     |                                                  |
| P61568     | Putative endogenous retrovirus group K member 11-1 Env polyprotein | ERVK11-1 |                                                  |
| Q96AY2     | Crossover junction endonuclease EME1             | EME1       |                                                  |
| Q9NR50     | Translation initiation factor eIF-2B subunit gamma | EIF2B3 |                                                  |
| P18074     | General transcription and DNA repair factor IIH helicase subunit XPD | ERCC2 |                                                  |
| A6NKCO     | Putative protein FAM90A7P                        | FAM90A7P   |                                                  |
| Q6NXP2     | Protein FAM71F2                                   | FAM71F2    |                                                  |
| Q96PL5     | Erythroid membrane-associated protein             | ERMAP      |                                                  |
| Q14534     | Squalene monooxygenase                           | SOLE       |                                                  |
| P0CB81     | Putative protein FAM66E                          | FAM66E     |                                                  |
| Q86V87     | Protein FAM160B2                                  | FAM160B2   |                                                  |
| P58499     | Protein FAM3B                                    | FAM3B      |                                                  |
| Q3ZM63     | Embryonic testis differentiation protein homolog A | ETDA       |                                                  |
| P38117 | Electron transfer flavoprotein subunit beta | ETFB |
| Q9C073 | Protein FAM117A | FAM117A |
| Q9NQT5 | Exosome complex component RRP40 | EXOSC3 |
| P0CF97 | Protein FAM200B | FAM200B |
| Q6UXB0 | Protein FAM131A | FAM131A |
| P15036 | Protein C-ets-2 | ETS2 |
| Q5XXK7 | Protein FAM219B | FAM219B |
| Q86W67 | Protein FAM228A | FAM228A |
| A5PLN7 | Protein FAM149A | FAM149A |
| Q86X51 | EZH inhibitory protein | EZHIP |
| O43909 | Exostosin-like 3 | EXT3 |
| P16591 | Tyrosine-protein kinase | FER |
| Q01543 | Friend leukemia integration 1 transcription factor | FLI1 |
| P62942 | Peptidyl-prolyl cis-trans isomerase FKBP1A | FKBP1A |
| Q8NFG4 | Follliculin | FLCN |
| Q8NFZ0 | F-box DNA helicase 1 | FBH1 |
| Q86VR8 | Four-jointed box protein 1 | FJX1 |
| Q13045 | Protein flightless-1 homolog | FLII |
| P02679 | Fibrinogen gamma chain | FGG |
| P02671 | Fibrinogen alpha chain | FGA |
| Q7Z6J4 | FVYE, RhoGEF and PH domain-containing protein 2 | FGD2 |
| Q5SZK8 | FRAS1-related extracellular matrix protein 2 | FREM2 |
| P09038 | Fibroblast growth factor 2 | FGF2 |
| P11487 | Fibroblast growth factor 3 | FGF3 |
| Q6VB84 | Forkhead box protein D4-like 3 | FOXD4L3 |
| O75899 | Gamma-ammoniumycin acid type B receptor subunit 2 | GABBR2 |
| Q1128 | 4-galactosyl-N-acetylgalcosaminide 3-alpha-L-fucosyltransferase FUT5 | FUT5 |
| A0A1W2PRP0 | Forkhead box protein L3 | FOXL3 |
| Q6PIV2 | Forkhead box protein R1 | FOXR1 |
| P14207 | Folate receptor beta | FOLR2 |
| Q8IVK1 | Putative glycosylation-dependent cell adhesion molecule 1 | GLYCAM1 |
| A6NGU5 | Putative glutathione hydrolase 3 proenzyme | GT3P |
| Q6PIY7 | Poly | TENT2 |
| Q9URU4 | GOLgin subfamily A member 6-like protein 6 | GOLGA6l6 |
| Q9UJY4 | ADP-ribosylation factor-binding protein GGA2 | GGA2 |
| Q9Y2X7 | ARF GTPase-activating protein GIT1 | GIT1 |
| Q9Q2Z7 | GDNF family receptor alpha-4 | GFRA4 |
| Q75343 | Guanylate cyclase soluble subunit beta-2 | GUCY1B2 |
| Q92538 | Golgi-specific brefeldin A-resistance guanine nucleotide exchange factor 1 | GBF1 |
| P14867 | Gamma-ammoniumycin acid receptor subunit alpha-1 | GABRA1 |
| P08754 | Guanine nucleotide-binding protein G | GNAI3 |
| P47869 | Gamma-ammoniumycin acid receptor subunit alpha-2 | GABRA2 |
| Q98WU03 | Glycine N-acetyltransferase-like protein 2 | GLYATL2 |
| H3BV12 | Golgin subfamily A member 8Q | GOLGA8Q |
| Q0D2H9 | Putative golgin subfamily A member 8D | GOLGA8DP |
| H3BF98 | Golgin subfamily A member 8S | GOLGA8S |
| Accession  | Description                                      | Uniprot ID |
|------------|--------------------------------------------------|------------|
| Q9HCL2     | Glycerol-3-phosphate acyltransferase 1, mitochondrial | GPAM       |
| Q7Z3F1     | Integral membrane protein GPR155                 | GPR155     |
| Q8NFN8     | Probable G-protein coupled receptor 156          | GPR156     |
| P04921     | Glycophorin-C                                    | GYPIC      |
| Q96I76     | G patch domain-containing protein 3               | GPATCH3    |
| Q9UKJ3     | G patch domain-containing protein 8               | GPATCH8    |
| P36959     | GMP reductase 1                                  | GMPR       |
| P36969     | Phospholipid hydroperoxide glutathione peroxidase | GPX4       |
| P47775     | G-protein coupled receptor 12                    | GPR12      |
| Q8NDV2     | G-protein coupled receptor 26                    | GPR26      |
| Q6WZ60     | Kelch-like protein 6                             | KLHL6      |
| Q98XC0     | Hydroxycarboxylic acid receptor 1                | HCAR1      |
| Q9UHL9     | General transcription factor II-1 repeat domain-containing protein 1 | GTF2IRD1 |
| Q13002     | Glutamate receptor ionotropic, kainate 2         | GRIK2      |
| Q14929     | Histone acetyltransferase type B catalytic subunit | HAT1       |
| Q9Y5J3     | Hairy/enhancer-of-split related with YRPW motif protein 1 | HEY1     |
| A0A0C4DH31 | Immunoglobulin heavy variable 1-18               | IGHV1-18   |
| P10321     | HLA class I histocompatibility antigen, C alpha chain | HLA-C     |
| Q8IZ9      | Interferon lambda-3                              | IFNL3      |
| Q16552     | Interleukin-17A                                  | ILL17A     |
| B9A064     | Immunoglobulin lambda-like polypeptide 5         | IGLL5      |
| Q969J5     | Interleukin-22 receptor subunit alpha-2          | IL22RA2    |
| A6ND01     | Sperm-egg fusion protein Juno                    | IZUMO1R    |
| Q9HCM3     | UPF0606 protein KIAA1549                         | KIAA1549   |
| P17181     | Interferon alpha/beta receptor 1                 | IFNAR1     |
| P09529     | Inhibin beta B chain                             | INHBB      |
| Q6IZU9     | Kin of IRRE-like protein 3                       | KIRREL3    |
| Q6PFX3     | Keratin-associated protein 26-1                  | KRTAP26-1  |
| Q6NY19     | KN motif and ankyrin repeat domain-containing protein 3 | KANK3    |
| Q09470     | Potassium voltage-gated channel subfamily A member 1 | KCNA1    |
| Q96JN0     | Ligand-dependent corepressor                    | LCOR       |
| Q71F78     | Putative lung carcinoma-associated protein 10    | LCA10      |
| P0DO92     | Putative protein T-ENOL                          | CDIPTOSP   |
| Q96K50     | Prolyl hydroxylase EGLN2                         | EGLN2      |
| A4GXA9     | Probable crossover junction endonuclease EME2    | EME2       |
| P49411     | Elongation factor Tu, mitochondrial              | TUFM       |
| Q14152     | Eukaryotic translation initiation factor 3 subunit A | EIF3A     |
| Q96BH3     | Epididymal sperm-binding protein 1               | ELSPBP1    |
| B6SEH8     | Endogenous retrovirus group V member 1 Env polyprotein | ERVV-1   |
| P04626     | Receptor tyrosine-protein kinase erbB-2          | ERBB2      |
| Q96DZ1     | Endoplasmic reticulum lectin 1                   | ERLEC1     |
| Q75477     | Erlin-1                                          | ERLIN1     |
| Q9H8M9     | Protein eva-1 homolog A                          | EVA1A      |
| P30040     | Endoplasmic reticulum resident protein 29        | ERP29      |
| Accession | Description |
|-----------|-------------|
| Q15529    | G-protein coupled receptor 42 | GPR42 |
| Q9H479    | Fructosamine-3-kinase | FN3K |
| Q8X0T7    | Zinc finger protein ZFPM1 | ZFPM1 |
| P07332    | Tyrosine-protein kinase Fes/Fps | FES |
| Q9UK96    | F-box only protein 10 | FBXO10 |
| Q99581    | Protein FEV | FEV |
| Q96787    | Putative uncharacterized protein encoded by FER1L6-AS2 | FER1L6-AS2 |
| P21802    | Fibroblast growth factor receptor 2 | FGFR2 |
| Q2V2M9    | FH1/FH2 domain-containing protein 3 | FHOD3 |
| P25089    | N-formyl peptide receptor 3 | FPR3 |
| Q75474    | GSK-3-binding protein FRAT2 | FRAT2 |
| Q01167    | Forkhead box protein K2 | FOXK2 |
| Q12778    | Forkhead box protein O1 | FOXO1 |
| P54826    | Growth arrest-specific protein 1 | GAS1 |
| O60861    | Growth arrest-specific protein 7 | GAS7 |
| Q14161    | ARF GAPase-activating protein GIT2 | GIT2 |
| Q6KF10    | Growth/differentiation factor 6 | GDF6 |
| Q6ZM13    | Gliomedin | GLDN |
| Q8TC17    | GRB2-related adapter protein-like | GRAPL |
| P50148    | Guanine nucleotide-binding protein G | GNAQ |
| Q8TDQ7    | Glucosamine-6-phosphate isomerase 2 | GNPDA2 |
| Q6UK7     | Protein GPR15L | GPR15L |
| Q5167     | Probable guconokinase | IDNK |
| P62993    | Growth factor receptor-bound protein 2 | GRB2 |
| Q86UL3    | Glyceraldehyde-3-phosphate dehydrogenase | GPD3 |
| P14735    | Insulin-degrading enzyme | IDE |
| Q13568    | Interferon regulatory factor 5 | IRF5 |
| Q02846    | Retinal guanylyl cyclase 1 | GUCY2D |
| Q9YN27    | Hypoxia-inducible factor-3-alpha | HIF3A |
| Q14C28    | Hepatocyte cell adhesion | HEPACAM |
| Q5T447    | E3 ubiquitin-protein ligase | HECTD3 |
| P0DP08    | Immunoglobulin heavy variable 4-38-2 | IGHV4-38-2 |
| Q96MM6    | Heat shock 70 kDa protein 12B | HSPA12B |
| P13985    | Putative HTLV-1-related endogenous sequence | HRES1 |
| Q9NS88    | Homer protein homolog 2 | HOMER2 |
| O60760    | Hematopoietic prostaglandin D synthase | HPGDS |
| Q5S8G1    | Putative heat shock protein HSP 90-alpha A4 | HSP90AA4P |
| Q8TB92    | 3-hydroxy-3-methylglutaryl-CoA lyase, cytoplasmic | HMGCCL1 |
| P30519    | Heme oxygenase 2 | HMOX2 |
| P05Z31    | Interleukin-6 | IL6 |
| Q01629    | Interferon-induced transmembrane protein 2 | IFITM2 |
| P05000    | Interferon omega-1 | IFNW1 |
| Q09GZP8   | Immortalization up-regulated protein | IMUP |
| Q70UQ0    | Inhibitor of nuclear factor kappa-B kinase-interacting protein | IKBIP |
| Q8TAD2    | Interleukin-17D | IL17D |
| P23588    | Eukaryotic translation initiation factor 4B | EIF4B |
| P20042    | Eukaryotic translation initiation factor 2 subunit 2 | EIF2B2 |
| Q05064    | Islet cell autoantigen 1 | ICA1 |
| P26012    | Integrin beta-8 | ITGB8 |
| Accession   | Description                                                                 | Symbol/Name |
|-------------|------------------------------------------------------------------------------|-------------|
| P61371      | Insulin gene enhancer protein ISL-1                                          | ISL1        |
| Q9P266      | Junctional protein associated with coronary artery disease                   | JCAD        |
| P08514      | Integrin alpha-ⅱb                                                          | ITGA2B      |
| A8MTL0      | IQ domain-containing protein F5                                               | IQCF5       |
| Q9Y5U4      | Insulin-induced gene 2 protein                                               | INSIG2      |
| A6NCM1      | IQ and AAA domain-containing protein 1-like                                   | IQCA1L      |
| Q03721      | Potassium voltage-gated channel subfamily C member 4                         | KCNC4       |
| Q9ULD8      | Potassium voltage-gated channel subfamily H member 3                         | KCNH3       |
| Q92830      | Histone acetyltransferase KAT2A                                              | KAT2A       |
| Q96KK3      | Potassium voltage-gated channel subfamily S member 1                         | KCNS1       |
| O75600      | 2-amino-3-ketobutyrate coenzyme A ligase, mitochondrial                      | GCAT        |
| Q9UNX9      | ATP-sensitive inward rectifier potassium channel 14                          | KCNJ14      |
| P31321      | cAMP-dependent protein kinase type I-beta regulatory subunit                 | PRKAR1B     |
| P13861      | cAMP-dependent protein kinase type II-alpha regulatory subunit                | PRKAR2A     |
| Q9BYQ5      | Keratin-associated protein 4-6                                               | KRTAP4-6    |
| Q02156      | Protein kinase C epsilon type                                                | PRKCE       |
| Q9NQ69      | LIM/homeobox protein Lhx9                                                    | LHX9        |
| Q515A8      | Late cornified envelope protein 3C                                            | LCE3C       |
| Q57871      | Late cornified envelope-like proline-rich protein 1                          | LELP1       |
| Q16787      | Lamin subunit alpha-3                                                        | LAMA3       |
| Q5TA78      | Late cornified envelope protein 4A                                           | LCE4A       |
| Q7Z429      | Protein lifeguard 1                                                         | GRINA       |
| Q68G75      | LEM domain-containing protein 1                                              | LEMD1       |
| Q9HBL6      | Leucine-rich repeat and transmembrane domain-containing protein 1            | LRTM1       |
| Q8N423      | Leukocyte immunoglobulin-like receptor subfamily B member 2                  | LILRB2      |
| P01700      | Immunoglobulin lambda variable 1-47                                          | IGLV1-47    |
| P01706      | Immunoglobulin lambda variable 2-11                                          | IGLV2-11    |
| P01714      | Immunoglobulin lambda variable 3-19                                          | IGLV3-19    |
| Q6DN12      | Multiple C2 and transmembrane domain-containing protein 2                    | MCTP2       |
| Q02779      | Mitogen-activated protein kinase kinase kinase 10                            | MAP3K10     |
| P51608      | Methyl-CpG-binding protein 2                                                 | MECP2       |
| P80192      | Mitogen-activated protein kinase kinase 9                                    | MAP3K9      |
| Q99750      | MyoD family inhibitor                                                        | MDF1        |
| Q6ZW17      | Lyso phospholipid acyltransferase                                             | MBOAT2      |
| Q9Y7X3      | Nucleolar protein 58                                                         | NOP58       |
| Q08A1B      | Protein mab-21-like 4                                                        | MAB21L4     |
| P11226      | Mannose-binding protein C                                                    | MBL2        |
| O75354      | Ectonucleoside triphosphate diphosphohydrolase 6                             | ENTPD6      |
| O15371      | Eukaryotic translation initiation factor 3 subunit D                         | EIF3D       |
| A6NNW6      | Enolase 4                                                                    | ENO4        |
| Q9NPA8      | Transcription and mRNA export factor ENY2                                    | ENY2        |
| Q15303      | Receptor tyrosine-protein kinase erbB-4                                      | ERBB4       |
| Q96KT0      | Uncharacterized protein FAM167A-AS1                                          | FAM167A-AS1 |
| Q95718      | Steroid hormone receptor ERR2                                                | ESRRB       |
| Accession | Description                                                                 | Symbol |
|-----------|------------------------------------------------------------------------------|--------|
| Q96Q35    | Flagellum-associated coiled-coil domain-containing protein 1                  | FLACC1 |
| A6NNH2    | Protein FAM90A27P                                                             | FAM90A27P |
| Q8N5Q1    | Protein FAM71E2                                                               | FAM71E2 |
| Q96MK3    | Pseudokinase FAM20A                                                           | FAM20A |
| Q6GMR7    | Fatty-acid amide hydrolase 2                                                  | FAAH2 |
| Q9UKR5    | Ergosterol biosynthetic protein 28 homolog                                    | ERG28 |
| Q8IZU0    | Protein FAM98                                                                 | FAM98 |
| Q7LOX2    | Glutamate-rich protein 6                                                      | ERICH6 |
| Q8IZU1    | Protein FAM9A                                                                 | FAM9A |
| Q969W3    | Protein FAM104A                                                               | FAM104A |
| Q9NY74    | Ewing's tumor-associated antigen 1                                            | ETA1A |
| O00423    | Echinoderm microtubule-associated protein-like 1                              | EML1 |
| A6NL82    | Protein FAM183A                                                               | FAM183A |
| Q5SYB5    | Protein FAM201A                                                               | FAM201A |
| Q8IXS8    | Protein FAM126B                                                               | FAM126B |
| Q75616    | GTPase Era, mitochondrial                                                    | ERA1 |
| A0A1B0GVZ2| Protein FAM240B                                                               | FAM240B |
| P49326    | Flavin-containing monoxygenase 5                                              | FMO5 |
| Q06828    | Fibromodulin                                                                 | FMOD |
| Q95677    | Eyes absent homolog 4                                                         | EYA4 |
| Q8N5X1    | Formin-binding protein 4                                                      | FNBP4 |
| P37268    | Squalene synthase                                                             | FDFT1 |
| Q5XX13    | F-box/WD repeat-containing protein 10                                         | FBXW10 |
| Q9NW83    | F-box only protein 34                                                         | FBXO34 |
| P49771    | Fms-related tyrosine kinase 3 ligand                                          | FLT3LG |
| Q8NFU4    | Follicular dendritic cell secreted peptide                                    | FDCSP |
| Q75949    | Transmembrane protein FAM155B                                                 | FAM155B |
| Q6P4F1    | Alpha-FUT10                                                                   | FUT10 |
| Q9BYM1    | Glucose-6-phosphatase 3                                                       | G6PC3 |
| P54803    | Galactocerebrosidase                                                          | GLC |
| Q9UJU5    | Forkhead box protein D3                                                       | FOXD3 |
| Q9NWQ6    | Fason-3                                                                      | FSCN3 |
| Q9Y3Q4    | Potassium/sodium hyperpolarization–activated cyclic nucleotide–gated channel 4 | HCN4 |
| P46439    | Glutathione S-transferase Mu 5                                                | GSTM5 |
| Q2KTH4    | Germ cell–specific gene 1 protein GSG1                                        | GSG1 |
| Q96A08    | Histone H2B type 1-A                                                         | H2BC1 |
| P16403    | Histone H1.2                                                                  | H1-2 |
| Q9BQ9     | Keratin-associated protein 4-8                                                | KRTAP4-8 |
| P0CS8     | Histone H2A type 1                                                            | H2AC1 |
| Q7TL7O    | Histone H2A type 3                                                            | H2AW |
| Q7Z2K8    | G protein–regulated inducer of neurite outgrowth 1                           | GPRIN1 |
| Q96D42    | Hepatitis A virus cellular receptor                                          | HAVCR1 |
| Q96CS2    | HAUS augmin-like complex subunit 1                                            | HAUS1 |
| Q9H2X6    | Homeodomain–interacting protein kinase 2                                      | HIPK2 |
| Q9UJL4    | E3 ISG15--protein ligase HERC5                                                | HERC5 |
| Q9NRV9    | Heme–binding protein 1                                                        | HEBP1 |
| P83110    | Serine protease HTRA3                                                         | HTRA3 |
| Q6NT76    | Homeobox–containing protein 1                                                 | HMBOX1 |
| Q96WR7    | Hemicentin-1                                                                  | HMCN1 |
| O00198    | Activator of apoptosis harakiri                                               | HRK |
| P0CJ70    | Humanin-like 3                                                                | MTRNR2L3 |
| Q15056    | Eukaryotic translation initiation factor 4H                                   | EIF4H |
| Q96T52    | Mitochondrial inner membrane protease subunit 2                              | IMMP2L |
| Accession | Description                                    | Expression        |
|-----------|------------------------------------------------|-------------------|
| A6NNB3    | Interferon-induced transmembrane protein 5    | IFITM5            |
| P01344    | Insulin-like growth factor II                 | IGF2              |
| Q8NW17    | Interleukin-31 receptor subunit alpha         | IL31RA            |
| Q9UHA7    | Interleukin-36 alpha                          | IL36A             |
| P29459    | Interleukin-12 subunit alpha                  | IL12A             |
| P14902    | Indoleamine 2,3-dioxygenase                   | IDO1              |
| P17936    | Insulin-like growth factor-binding protein 3  | IGFBP3            |
| Q5V266    | Janus kinase and microtubule-interacting protein 3 | JAKMIP3        |
| P05107    | Integrin beta-2                               | ITGB2             |
| Q8XK9     | IQ domain-containing protein F2               | IQCF2             |
| Q6A163    | Keratin, type I cytoskeletal 39               | KRT39             |
| Q14713    | Integrin beta-1-binding protein 1             | ITGB1BP1          |
| Q1W4C9    | Serine protease inhibitor Kazal-type 13       | SPINK13           |
| Q86YT9    | Junctional adhesion molecule-like             | JAML              |
| Q96P70    | Importin-9                                    | IPO9              |
| P48544    | G protein-activated inward rectifier potassium channel 4 | KCNJ5         |
| Q9UKR0    | Kalikrein-12                                  | KLK12             |
| P60329    | Keratin-associated protein 12-4               | KRTAP12-4         |
| Q8N6Q8    | Methyltransferase-like protein 25             | METTL25           |
| Q8N344    | Mesoderm induction early response protein 2   | MIER2             |
| Q9G2Y8    | Mitochondrial fission factor                  | MFF               |
| Q723J7    | Protein MON2 homolog                          | MON2              |
| Q9H867    | Protein-lysine methyltransfer METTL21D        | VCPKMT            |
| Q7L5Y1    | Mitochondrial enolase superfamily member 1    | ENOSF1            |
| P19957    | Elafin                                        | PI3               |
| P29322    | Ephrin type-A receptor 8                      | EPHA8             |
| Q9NJD3    | Glycoprotein integral membrane protein 1      | GINM1             |
| Q5VTD9    | Zinc finger protein Gfi-1b                    | GFI1B             |
| Q9UBU3    | Appetite-regulating hormone                   | GHRL              |
| Q9NP62    | Chorion-specific transcription factor GCMa     | GCM1              |
| Q9W4X5    | Gem-associated protein 6                       | GEMIN6            |
| P15586    | N-acetylglucosamine-6-sulfatase               | GNS               |
| Q99IK5    | Germ cell-less protein-1                      | GMCL1             |
| H3BSY2    | Golgin subfamily A member 8M                  | GOLGA8M           |
| Q8N6U8    | G-protein coupled receptor 161                | GPR161            |
| Q9967X8   | G-protein coupled receptor 20                  | GPR20             |
| Q96NT3    | Protein GUCD1                                 | GUCD1             |
| Q12849    | G-rich sequence factor 1                      | GRSF1             |
| Q9UBP9    | PTB domain-containing engulfment adapter protein 1 | GULP1          |
| P09210    | Glutathione S-transferase A2                  | GSTA2             |
| Q9H4Y5    | Glutathione S-transferase omega-2             | GSO2              |
| Q9Y2Q3    | Glutathione S-transferase kappa 1             | GSTK1             |
| Q9BSH5    | Haloacid dehalogenase-like hydrolase domain-containing protein 3 | HDHD3        |
| Q9H6D7    | HAUS augmin-like complex subunit 4            | HAUS4             |
| O75146    | Huntingtin-interacting protein 1-related protein | HIP1R            |
| A0A0C4DH30| Probable non-functional immunoglobulin heavy variable 3-16 | IGHV3-16        |
| A0A0B4J1V6| Immunoglobulin heavy variable 3-73            | IGHV3-73          |
| A6NJ69    | IgA-inducing protein homolog                  | IGIP              |
| Accession | Description                                                                 | Ensembl ID |
|-----------|------------------------------------------------------------------------------|------------|
| P01877    | Immunoglobulin heavy constant alpha 2                                        | IGHA2      |
| Q8N5X7    | Eukaryotic translation initiation factor 4E type 3                           | EIF4E3     |
| A1L1A6    | Immunoglobulin superfamily member 23                                         | IGSF23     |
| Q6UXL0    | Interleukin-20 receptor subunit beta                                          | IL20RB     |
| Q9NP7     | Interleukin-23 subunit alpha                                                  | IL23A      |
| Q9UH4I    | Interleukin-20 receptor subunit alpha                                         | IL20RA     |
| P18510    | Interleukin-1 receptor antagonist protein                                     | IL1RN      |
| O14645    | Axonemal dynein light intermediate polypeptide 1                             | DNAU1      |
| Q9UQF2    | C-Jun-amino-terminal kinase-interacting protein 1                            | MAPK8IP1   |
| Q15652    | Probable JmjC domain-containing histone demethylation protein 2C             | JMJD1C     |
| Q8YS2     | Uncharacterized protein KIAA2013                                             | KIAA2013   |
| B3KU38    | IQCJ-SCHIP1 readthrough transcript protein                                    | IQCJ-SCHIP |
| Q60B74    | Tyrosine–protein kinase JAK2                                                  | JAK2       |
| Q9H9V9    | 2-oxoglutarate and iron-dependent oxygenase JMJD4                             | JMJD4      |
| Q75Q2     | Integrator complex subunit 8                                                 | INTS8      |
| Q969F8    | KISS-1 receptor                                                               | KISS1R     |
| P08476    | Inhibin beta A chain                                                         | INHBA      |
| P51460    | Insulin-like 3                                                               | INSL3      |
| Q96F9I2   | Insulinoma-associated protein 2                                               | INSM2      |
| Q96C72    | Kelch-like protein 29                                                         | KLHL29     |
| Q9Y4H2    | Insulin receptor substrate 2                                                  | IRS2       |
| Q00522    | Krev interaction trapped protein 1                                            | KRIT1      |
| Q9BSY1    | Keratin-associated protein 1-5                                                | KRTAP1-5   |
| Q693B1    | BTB/POZ domain-containing protein KCTD11                                      | KCTD11     |
| Q96S1I    | BTB/POZ domain-containing protein KCTD15                                      | KCTD15     |
| Q68CQ1    | Maestro heat-like repeat-containing protein family member 7                  | MROH7      |
| P233S2I   | Anosmin-1                                                                    | ANOS1      |
| Q9PO7I    | E3 ubiquitin-protein ligase KCMF1                                             | KCMF1      |
| Q8TAF5    | Putative uncharacterized protein LOK1                                         | FLVCR1-DT  |
| Q9NPC1    | Leukotriene B4 receptor 2                                                     | LTBR42     |
| Q14210    | Lymphocyte antigen 6D                                                         | LY6D       |
| Q6I4A8    | Regulator complex protein LAMTOR1                                             | LAMTOR1    |
| Q8NHL6    | Leukocyte immunoglobulin-like receptor subfamily B member 1                  | LILRB1     |
| Q6IP73    | Leukocyte immunoglobulin-like receptor subfamily A member 6                  | LILRA6     |
| Q6ZMQ8    | Serine/threonine-protein kinase LMTK1                                         | AATK       |
| Q6UWN0    | Ly6/PLAUR domain-containing protein 4                                          | LYPD4      |
| Q14770    | Homeobox protein Meis2                                                        | MEIS2      |
| Q96Q5     | Membrane-spanning 4-domains subfamily A member 4A                             | MS4A4A     |
| Q96HR3    | Mediator of RNA polymerase II transcription subunit 30                        | MED30      |
| A6NDR6    | Putative homeobox protein Meis3-like 1                                        | MEIS3P1    |
| Q96A4     | Membrane-spanning 4-domains subfamily A member 14                             | MS4A14     |
| P08183    | ATP-dependent translocase ABCB1                                               | ABCB1      |
| Accession  | Description                                | ID    |
|------------|--------------------------------------------|-------|
| Q6PJG2     | Mitotic deacetylase-associated SANT domain protein | MIDEAS |
| Q96T53     | Ghrelin O-acyltransferase                    | MBOAT4 |
| Q9UBF1     | Melanoma-associated antigen C2               | MAGEC2 |
| P48740     | Mannan-binding lectin serine protease 1      | MASP1 |
| Q8WWC4     | m-AAA protease-interacting protein 1, mitochondrial | MAIP1 |
| Q14696     | LRP chaperone MESD                           | MESD  |
| Q9H8M7     | Ubiquitin carboxyl-terminal hydrolase MINDY-3 | MINDY3 |
| Q969V6     | Myocardin-related transcription factor A     | MRTFA |
| Q990P8     | Mitochondrial transcription rescue factor 1  | MTRES1 |
| Q13613     | Myotubularin-related protein 1               | MTMR1 |
| P49914     | 5-formyltetrahydrofolic acid cyclo-ligase     | MTHFS |
| P42285     | Exosome RNA helicase MTR4                    | MTLEX |
| Q9UKN1     | Mucin-12                                    | MUC12 |
| Q8N684     | Cleavage and polyadenylation specificity factor subunit 7 | CPSF7 |
| P57737     | Coronin-7                                   | CORO7 |
| Q6JBY9     | CapZ-interacting protein                     | RCSD1 |
| Q14118     | Dystroglycan                                 | DAG1  |
| Q6I6Q26    | DENN domain-containing protein 5A            | DENND5A |
| Q9UMR2     | ATP-dependent RNA helicase DDX19B            | DDX19B |
| P19113     | Histidine decarboxylase                      | HDC   |
| Q96HY6     | DDRGK domain-containing protein 1            | DDRGK1 |
| Q92841     | Probable ATP-dependent RNA helicase DDX17    | DDX17 |
| Q5VTH9     | Dynein intermediate chain 4, axonemal       | DNAI4 |
| Q9Y222     | Cyclin-D-binding Myb-like transcription factor 1 | DMTF1 |
| P49366     | Deoxyhypusine synthase                       | DHPS  |
| Q96M86     | Dynein heavy chain domain-containing protein 1 | DNHD1 |
| O60884     | DnaJ homolog subfamily A member 2            | DNAJA2 |
| Q8WW22     | DnaJ homolog subfamily A member 4            | DNAJA4 |
| Q9UBC3     | DNA                                         | DNMT3B |
| P13765     | HLA class II histocompatibility antigen, DO beta chain | HLA-DOB |
| Q8NF50     | Deducier of cytokinesis protein 8            | DOCK8 |
| Q9BF29     | Deducier of cytokinesis protein 9            | DOCK9 |
| Q9Y2E4     | Disco-interacting protein 2 homolog C        | DIP2C |
| Q07687     | Homeobox protein DLX-2                      | DLX2  |
| Q9NR33     | DNA polymerase epsilon subunit               | POLE4 |
| Q08BI3     | Draxin                                      | DRAXIN |
| Q99P87     | DNA-directed DNA/RNA polymerase mu          | POLM  |
| O75822     | Eukaryotic translation initiation factor 3 subunit J | EIF3J |
| P54851     | Epithelial membrane protein 2               | EMP2  |
| P49770     | Translation initiation factor elf-2B subunit beta | EIF2B2 |
| Q96EB1     | Elongator complex protein 4                 | ELP4  |
| P15976     | Erythroid transcription factor               | GATA1 |
| O60353     | Frizzled-6                                  | FZD6  |
| P04062     | Lysosomal acid glucosylceramidase            | GBA   |
| Q6ZNW5     | GDP-D-glucose phosphorylase 1               | GDPGP1 |
| Q98ZE0     | Zinc finger protein GLIS2                   | GLIS2 |
| P62879 | Guanine nucleotide-binding protein G | GNB2 |
| Q9H0R8 | Gamma-aminobutyric acid receptor-associated protein-like 1 | GABARAPL |
| Q96CN9 | GRIP and coiled-coil domain-containing protein 1 | GCC1 |
| P36915 | Guanine nucleotide-binding protein-like 1 | GNLI |
| P48169 | Gamma-aminobutyric acid receptor subunit alpha-4 | GABRA4 |
| Q14409 | Glycerol kinase 3 | GK3P |
| Q5JWF2 | Guanine nucleotide-binding protein G | GNAS |
| Q9BXC1 | Probable G-protein coupled receptor 174 | GPR174 |
| Q6DWJ6 | Probable G-protein coupled receptor 139 | GPR139 |
| Q8TBA6 | Golgin subfamily A member 5 | GOLGA5 |
| P78347 | General transcription factor II-I | GTF2I |
| Q8TAA5 | GrpE protein homolog 2, mitochondrial | GRPEL2 |
| Q96HH9 | GRAM domain-containing protein 2B | GRAMD2B |
| Q701N4 | Keratin-associated protein 5-2 | KRTAP5-2 |
| Q7Z4V5 | Hepatoma-derived growth factor-related protein 2 | HDGFL2 |
| P36551 | Oxygen-dependent coproporphyrinogen-III oxidase, mitochondrial | CPOX |
| Q02575 | Helix-loop-helix protein 1 | NHLH1 |
| Q96QV1 | Hedgehog–interacting protein | HHIP |
| B2RPK0 | Putative high mobility group protein B1-like 1 | HMGB1P1 |
| Q9Y4D8 | Probable E3 ubiquitin-protein ligase HECTD4 | HECTD4 |
| P31270 | Homeobox protein Hox-A11 | HOXA11 |
| P28358 | Homeobox protein Hox-D10 | HOXD10 |
| P01768 | Immunoglobulin heavy variable 3-30 | IGHV3-30 |
| A0A0B4J1V1 | Immunoglobulin heavy variable 3-21 | IGHV3-21 |
| A0A075B6R2 | Immunoglobulin heavy variable 4-4 | IGHV4-4 |
| Q9NP08 | Homeobox protein HMX1 | HMX1 |
| P34931 | Heat shock 70 kDa protein 1-like 4 | HSPAI1 |
| P07910 | Heterogeneous nuclear ribonucleoproteins C1/C2 | HNRNPC |
| Q96PD4 | Interleukin-17F | IL17F |
| Q9Y6M1 | Insulin-like growth factor 2 mRNA-binding protein 2 | IGF2BP2 |
| Q9UBC1 | NF-kappa-B inhibitor-like protein 1 | NFKBIL1 |
| Q9NPH9 | Interleukin-26 | IL26 |
| P35225 | Interleukin-13 | IL13 |
| Q75054 | Immunoglobulin superfamily member 3 | IGSF3 |
| P22301 | Interleukin-10 | IL10 |
| Q9H665 | IGF-like family receptor 1 | IGF1R |
| P24593 | Insulin-like growth factor-binding protein 5 | IGFBP5 |
| Q9H1B7 | Probable E3 ubiquitin-protein ligase IRF2BPL | IRF2BPL |
| Q6OUX1 | Izumo sperm-egg fusion protein 2 | IZUMO2 |
| P02538 | Keratin, type II cytoskeletal 6A | KRT6A |
| P13647 | Keratin, type II cytoskeletal 5 | KRT5 |
| Q68E01 | Integrator complex subunit 3 | INTS3 |
| Q15058 | Kinesin-like protein KIF14 | KIF14 |
| Q8IXV7 | Kelch domain-containing protein 8B | KLHDC8B |
| Protein ID | Description | Accession |
|-----------|-------------|-----------|
| P48549    | G protein-activated inward rectifier potassium channel 1 | KCNJ3    |
| A8MYU2    | Potassium channel subfamily U member 1 | KCNU1    |
| Q724W3    | Keratin-associated protein 19-3 | KRTAP19-3 |
| A8MX54    | Keratin-associated protein 29-1 | KRTAP29-1 |
| P41229    | Lysine-specific demethylase 5C | KDM5C    |
| Q98Q66    | Keratin-associated protein 4-12 | KRTAP4-12 |
| Q12791    | Calcium-activated potassium channel subunit alpha-1 | KCNMA1 |
| Q98Q66    | LBH domain-containing protein 1 | LBHD1    |
| O00515    | Ladinin-1 | LAD1     |
| Q8NC54    | Keratinocyte-associated transmembrane protein 2 | KCT2     |
| Q52LA3    | Protein lin-52 homolog | LIN52    |
| Q99278    | Lafomin | EPM2A    |
| Q96A84    | EMII domain-containing protein 1 | EMID1    |
| P51114    | Fragile X mental retardation syndrome-related protein 1 | FXR1 |
| Q9UF56    | F-box/LRR-repeat protein 17 | FBXL17   |
| Q12950    | Forkhead box protein D4 | FOXD4    |
| Q96CU9    | FAD-dependent oxidoreductase domain-containing protein 1 | FOXRED1 |
| P32314    | Forkhead box protein N2 | FOXN2    |
| P15407    | Fos-related antigen 1 | FOSL1    |
| Q8IVV7    | Glucose-induced degradation protein 4 homolog | GID4     |
| E5RQL4    | Formiminotransferase N-terminal subdomain-containing protein | FTCDNL1 |
| P08151    | Zinc finger protein GLI1 | GLI1     |
| Q9NXN4    | Ganglioside-induced differentiation-associated protein 2 | GDAP2    |
| P63211    | Guanine nucleotide-binding protein G | GNGT1    |
| Q99H0R5   | Guanylate-binding protein 3 | GBP3     |
| Q92947    | Glutaryl-CoA dehydrogenase, mitochondrial | GCDH     |
| P31644    | Gamma-aminobutyric acid receptor subunit alpha-5 | GABRA5   |
| Q96P66    | Probable G-protein coupled receptor 101 | GPR101   |
| Q9H2G9    | Golgin-45 | BLZF1    |
| Q8ITED1   | Probable glutathione peroxidase 8 | GPX8     |
| X6R8D5    | Putative uncharacterized protein | GUCA1ANB |
| Q8TD20    | Solute carrier family 2, facilitated glucose transporter member 12 | SLC2A12 |
| P14317    | Hematopoietic lineage cell-specific protein | HCLS1    |
| Q9NRM0    | Solute carrier family 2, facilitated glucose transporter member 9 | SLC2A9   |
| O15303    | Metabotropic glutamate receptor 6 | GRM6     |
| Q9HCP6    | Protein–cysteine N-palmitoyltransferase HATL-like protein | HHATL    |
| Q15751    | Probable E3 ubiquitin-protein ligase HERC1 | HERC1    |
| P04233    | HLA class II histocompatibility antigen gamma chain | CD74     |
| P48723    | Heat shock 70 kDa protein 13 | HSPA13   |
| P04555    | Sperm protamine P1 | PRM1     |
| P0DP07    | Immunoglobulin heavy variable 4-31 | IGHV4-31 |
| A0A087WSY4 | Immunoglobulin heavy variable 4-30-2 | IGHV4-30-2 |
| A0A0C4DH42 | Immunoglobulin heavy variable 3-66 | IGHV3-66 |
| Accession | Description                                                                 |
|-----------|-----------------------------------------------------------------------------|
| P0C7T4   | Minor histocompatibility protein HMSD variant form                           |
| Q8NCD3   | Holliday junction recognition protein                                        |
| Q8IZT8   | Heparan sulfate glucosamine 3-O-sulfotransferase 5                           |
| Q14527   | Helicase-like transcription factor                                           |
| P0C68    | Humanin-like 1                                                               |
| Q9P2W1   | Homologous-pairing protein 2 homolog                                        |
| Q9BYX4   | Interferon-induced helicase C domain-containing protein 1                    |
| Q12906   | Interleukin enhancer-binding factor 3                                        |
| Q9NV31   | U3 small nucleolar ribonucleoprotein protein IMP3                            |
| Q96FT9   | Intraflagellar transport protein 43 homolog                                 |
| Q14213   | Interleukin-27 subunit beta                                                  |
| Q13907   | Isopentenyl-diphosphate Delta-isomerase 1                                   |
| Q7Z4Q2   | HEAT repeat-containing protein 3                                              |
| Q9P2H3   | Intraflagellar transport protein 80 homolog                                 |
| P52292   | Importin subunit alpha-1                                                     |
| Q96F46   | Interleukin-17 receptor A                                                     |
| Q6NS18   | Uncharacterized protein KIAA1841                                             |
| Q51CS8   | Adenylate kinase 9                                                           |
| Q9NV88   | Integrator complex subunit 9                                                 |
| Q14003   | Potassium voltage-gated channel subfamily C member 3                         |
| P10721   | Mast/stem cell growth factor receptor Kit                                    |
| Q9UL4    | Kinesin-like protein KIF25                                                   |
| Q3L62    | Putative keratin-associated protein 20-4                                     |
| Q9NS61   | Kv channel-interacting protein 2                                             |
| Q9BQ13   | BTB/POZ domain-containing protein KCTD14                                     |
| Q9P2E2   | Kinesin-like protein KIF17                                                   |
| Q9BYR3   | Keratin-associated protein 4-4                                               |
| Q9BYR9   | Keratin-associated protein 2-4                                               |
| Q8NFY9   | Kelch repeat and BTB domain-containing protein 8                             |
| Q9HAP6   | Protein lin-7 homolog B                                                      |
| Q6JVE5   | Epididymal-specific lipocalin-12                                             |
| Q8IV20   | Purine nucleoside phosphorylase LACC1                                       |
| Q9NRM7   | Serine/threonine-protein kinase LATS2                                        |
| Q5T5B0   | Late cornified envelope protein 3E                                            |
| P41159   | Leptin                                                                       |
| Q20M4    | Leucine-rich repeat-containing protein 26                                     |
| Q8N4P6   | Leucine-rich repeat-containing protein 71                                     |
| B2RXH2   | Lysine-specific demethylase 4E                                                |
| Q75096   | Low-density lipoprotein receptor-related protein 4                            |
| Q14114   | Low-density lipoprotein receptor-related protein 8                            |
| Q9ULH4   | Leucine-rich repeat and fibronectin type-III domain-containing protein 2     |
| A4D1F6   | Leucine-rich repeat and death domain-containing protein 1                    |
| Q32M24   | Leucine-rich repeat flightless-interacting protein 1                          |
| Accession | Description                                                                 | Symbol  |
|-----------|-----------------------------------------------------------------------------|---------|
| Q5S007    | Leucine-rich repeat serine/threonine-protein kinase 2                        | LRRK2   |
| Q643R3    | Lysoosphospholipid acyltransferase LPCAT4                                   | LPCAT4  |
| Q9Y69Y    | Lymphocyte antigen 96                                                        | LY96    |
| Q95868    | Lymphocyte antigen 6 complex locus protein G6d                              | LY6G6D  |
| Q96Q04    | Serine/threonine-protein kinase LMTK3                                        | LMTK3   |
| Q00325    | Phosphate carrier protein, mitochondrial                                     | SLC25A3 |
| P08118    | Beta-microseminoprotein                                                       | MSMB    |
| Q13496    | Myotubularin                                                                | MTM1    |
| P04732    | Metallothionein-1E                                                           | MT1E    |
| Q7Z5P9    | Mucin-19                                                                    | MUC19   |
| Q7L1T6    | Cytochrome b5 reductase 4                                                    | CYP5R4  |
| Q9Y3Q0    | N-acetylated-alpha-linked acidic dipeptidase 2                               | NAALAD2 |
| P54849    | Epithelial membrane protein 1                                                | EMP1    |
| P15502    | Elastin                                                                     | ELN     |
| Q03828    | Homeobox even-skipped homolog protein 2                                     | EVX2    |
| Q058U3    | Putative protein FAM86JP                                                     | FAM86JP |
| P24390    | ER lum protein-retaining receptor 1                                          | KDELR1  |
| Q4G0M1    | Erythroferrone                                                               | ERFE    |
| Q4VF1X    | Putative protein FAM74A3                                                     | FAM74A3 |
| Q62V65    | Protein FAM47E                                                               | FAM47E  |
| Q14944    | Progrelin                                                                    | EKG     |
| P41212    | Transcription factor ETV6                                                    | ETV6    |
| Q9NYF3    | Protein FAM53C                                                               | FAM53C  |
| Q9NVM1    | Protein eva-1 homolog B                                                      | EVA1B   |
| Q96Q01    | Protein FAM3D                                                                | FAM3D   |
| O00757    | Fructose-1,6-bisphosphatase isomerase 2                                     | FBP2    |
| Q8NE4     | Protein FAM83F                                                               | FAM83F  |
| Q9BQN1    | Protein FAM83C                                                               | FAM83C  |
| A0FGR9    | Extended synaptotagmin-3                                                     | ESYT3   |
| A6NE01    | Protein FAM186A                                                              | FAM186A |
| Q1W6H9    | Protein FAM110C                                                              | FAM110C |
| Q9NTX9    | Protein FAM217B                                                              | FAM217B |
| Q9H8W3    | Protein FAM204A                                                              | FAM204A |
| Q8NHLP7   | piRNA biogenesis protein EXD1                                                | EXD1    |
| Q95208    | Epsin-2                                                                     | EPN2    |
| A6NKX1    | Protein FAM223B                                                              | FAM223B |
| Q96GL9    | Protein FAM163A                                                              | FAM163A |
| Q96KS9    | Protein FAM167A                                                              | FAM167A |
| Q96TA0    | Protein FAM167B                                                              | FAM167B |
| Q92800    | Histone-lysine N-methyltransferase EZH1                                      | EZH1    |
| P09S01    | Protein FAM246C                                                              | FAM246C |
| Q96H9J    | Protein FMC1 homolog                                                        | FMC1    |
| Q98VF7    | Formin-like protein 3                                                         | FMNL3   |
| Q99504    | Eyes absent homolog 3                                                        | EYA3    |
| Q9NWNM8   | Peptidyl-prolyl cis-trans isomerase FKBP14                                   | FKBP14  |
| Q75S44    | Inactive peptidyl-prolyl cis-trans isomerase FKBP6                            | FKBP6   |
| Q94952    | F-box only protein 21                                                        | FBXO21  |
| Q96NH0    | F-box/WD repeat-containing protein 7                                          | FBXW7   |
| Q92S62    | Polyphosphoinositide                                                         | FIG4    |
| Q62NL6    | FYVE, RhoGEF and PH domain-containing protein 5                              | FGD5    |
| Q92915    | Fibroblast growth factor 14                                                  | FGF14   |
| P09958    | Furin                                                                        | FURIN   |
| Q98214    | FUN14 domain-containing protein 2                                            | FRMD8P1 |
| Q98268    | Putative FERM domain-containing protein FRMD8P1                              | FRMD8P1 |
| Accession | Description |
|-----------|-------------|
| Q9BYC5    | Alpha-FUT8  |
| Q6P050    | F-box and leucine-rich protein 22 FBXL22 |
| Q13066    | G antigen 2B/2C GAGE2B |
| Q9UKT6    | Putative F-box/LRR-repeat protein 21 FBXL21P |
| P63126    | Endogenous retrovirus group K member 9 Gag polyprotein ERVK-9 |
| Q12947    | Forkhead box protein F2 FOXF2 |
| P23769    | Endothelial transcription factor GATA-2 GATA2 |
| Q9NP61    | Frizzled-3 FZD3 |
| O43559    | Fibroblast growth factor receptor substrate 3 FRS3 |
| Q8WWB7    | Glycosylated lysosomal membrane protein GLMP |
| P23378    | Glycine dehydrogenase GLDC |
| Q8ND71    | GTPase-IMAP family member 8 GIMAP8 |
| Q72412    | Putative glycosyltransferase 6 domain-containing protein 1 GLT6D1 |
| Q99819    | Rho GDP-dissociation inhibitor 3 ARHGIDG |
| P33402    | Guanylate cyclase soluble subunit alpha-2 GUCY1A2 |
| Q14642    | Inositol polyphosphate-5-phosphatase A INPP5A |
| O00358    | Forkhead box protein E1 FOXE1 |
| Q13461    | Forkhead box protein E3 FOXE3 |
| A6NMD2    | Golgin subfamily A member 8 GOLGA8J |
| Q5T7V8    | RAB6-interacting golgin GORAB |
| Q00461    | Golgi integral membrane protein GOLIM4 |
| Q9UHW5    | GPN-loop GTPase 3 GPN3 |
| Q9UPC5    | Probable G-protein coupled receptor 34 GPR34 |
| Q9BY41    | Histone deacetylase 8 HDAC8 |
| Q9P0M6    | Core histone macro-H2A.2 MACROH2A2 |
| Q4G0G2    | Putative uncharacterized protein H1-10-AS1 H1-10-AS1 |
| PB1172    | Hepcidin HAMP |
| P00738    | Haptoglobin HP |
| Q86YV9    | Hermansky-Pudlak syndrome 6 protein HPS6 |
| P25452    | Homeobox protein Hox-D12 HOXD12 |
| O43719    | HIV Tat-specific factor 1 HTATSF1 |
| Q8NH5Y7   | Checkpoint protein HUS1B HUS1B |
| Q16082    | Heat shock protein beta-2 HSPB2 |
| Q9NP66    | High mobility group protein 20A HMG20A |
| Q9NSC5    | Homer protein homolog 3 HOMER3 |
| Q96S86    | Hyaluronan and proteoglycan link protein 3 HAPLN3 |
| Q01628    | Interferon-induced transmembrane protein 3 IFITM3 |
| O75600    | Hyaluronan mediated motility receptor HMMR |
| Q8IVY1    | Intraflagellar transport protein 20 homolog IFT20 |
| Q9UHD0    | Interleukin-19 IL19 |
| A0AVF1    | Intraflagellar transport protein 56 TTC26 |
| P25963    | NF-kappa-B inhibitor alpha NFKBIA |
| P08700    | Interleukin-3 IL3 |
| P22304    | Iduronate 2-sulfatase IDS |
| Q96W8     | Inducible T-cell costimulator ICOS |
| Q96ID5    | Immunoglobulin superfamily member 21 IGSF21 |
| Q8N0W5    | IQ domain-containing protein K IQCK |
| Q8WWA0    | Intelectin-1 ITLN1 |
| Q14CN4    | Keratin, type II cytoskeletal 72 KRT72 |
| Q9ULD0    | Acrosomal protein KIAA1210 KIAA1210 |
| Q9NQ57    | Inner centromere protein INCENP |
| Q96PE3    | Inositol polyphosphate-4-phosphatase type IA INPP4A |
| Gene ID   | Description                                      | Accession |
|----------|--------------------------------------------------|-----------|
| Q9H0H3   | Kelch-like protein 25                            | KLHL25    |
| Q9NPH2   | Inositol-3-phosphate synthase 1                  | ISYNA1    |
| P78414   | Iroquois-class homeodomain protein IRX-1         | IRX1      |
| Q8IYD2   | Kelch domain-containing protein 8A               | KLHDC8A   |
| O15066   | Kinesin-like protein KIF3B                       | KIF3B     |
| Q14722   | Voltage-gated potassium channel subunit beta-1   | KCNAB1    |
| P43628   | Killer cell immunoglobulin-like receptor 2DL3    | KIR2DL3   |
| Q92B31   | Histone acetyltransferase KAT2B                  | KAT2B     |
| Q9BR39   | Junctophilin-2                                   | JPH2      |
| Q5HYC2   | Uncharacterized protein KIAA2026                 | KIAA2026  |
| P13645   | Keratin, type I cytoskeletal 10                  | KRT10     |
| Q9Y6F6   | Inositol 1,4,5-triphosphate receptor associated 1| IRAG1     |
| B1AKI9   | Isthmin-1                                        | ISM1      |
| Q1A5X6   | IQ domain-containing protein J                    | IQC1      |
| Q5XKE5   | Keratin, type II cytoskeletal 79                 | KRT79     |
| Q95373   | Importin-7                                       | IPO7      |
| P14316   | Interferon regulatory factor 2                   | IRF2      |
| Q5JSQ8   | Putative KHDC1–like protein                      | KHDC1L    |
| Q9U9J0   | Potassium voltage-gated channel subfamily E      | KCNE5     |
| Q14954   | Killer cell immunoglobulin-like receptor 2DS1    | KIR2DS1   |
| Q96S38   | Ribosomal protein S6 kinase delta-1              | RPS6KC1   |
| Q95251   | Histone acetyltransferase KAT7                   | KAT7      |
| Q96YQ2   | Keratin-associated protein 9-4                   | KRTAP9-4  |
| Q86U70   | LIM domain–binding protein 1                     | LDB1      |
| P18428   | Lipopolysaccharide–binding protein               | LBP       |
| Q96YQ0   | Keratin-associated protein 9-8                   | KRTAP9-8  |
| Q38N2    | Galectin-9B                                      | LGALS9B   |
| Q96PB8   | Leucine-rich repeat-containing protein 3B        | LRRC3B    |
| O75427   | Leucine-rich repeat and calponin homology domain–containing protein 4 | LRCH4 |
| Q35XY7   | Leucine-rich repeat, immunoglobulin–like domain and transmembrane domain-containing protein 3 | LRIT3 |
| P09848   | Lactase–phlorizin hydrolase                      | LCT       |
| Q6UX01   | Protein LMBR1L                                   | LMBR1L    |
| P11150   | Hepatic triacylglycerol lipase                   | LIPC      |
| A0A07568J2 | Probable non-functional immunoglobulin lambda variable 2–33 | IGLV2–33 |
| P04211   | Immunoglobulin lambda variable 7–43             | IGLV7–43  |
| O43148   | mRNA cap guanine–N7 methyltransferase            | RNMT      |
| Q99705   | Melanin-concentrating hormone receptor 1         | MCHR1     |
| Q99683   | Mitogen–activated protein kinase kinase 5        | MAPK5     |
| Q86UD3   | E3 ubiquitin–protein ligase MARCHF3              | MARCHF3   |
| Q96M61   | Melanoma–associated antigen B18                 | MAGEB18   |
| O75586   | Mediator of RNA polymerase II transcription subunit 6 | MED6 |
| Q3KP22   | Membrane-anchored junction protein               | MAJIN     |
| Protein ID   | Gene Name                                      | Gene ID   |
|-------------|-----------------------------------------------|-----------|
| A0A1BOGVZ6  | Methyl-CpG-binding domain protein 3-like 2B   | MBD3L2B   |
| Q7L5Y9      | E3 ubiquitin-protein transferase MAEA         | MAEA      |
| Q8TC57      | Meiosis 1 arrest protein                      | M1AP      |
| Q79951      | Lysozyme-like protein 6                       | LYZL6     |
| Q9ULX9      | Transcription factor MafF                     | MAFF      |
| P43360      | Melanoma-associated antigen 6                 | MAGEA6    |
| Q15481      | Melanoma-associated antigen B4                | MAGEB4    |
| Q9UPY8      | Microtubule-associated protein RP/EB family member 3 | MAPRE3 |
| Q76050      | E3 ubiquitin-protein ligase NEURL1            | NEURL1    |
| Q9BR09      | Neuronalized-like protein 2                   | NEURL2    |
| Q96EH8      | E3 ubiquitin-protein ligase NEURL3            | NEURL3    |
| P51843      | Nuclear receptor subfamily 0                 | NROB1     |
| P49279      | Natural resistance-associated macrophage protein 1 | SLC11A1 |
| O60500      | Nephin                                        | NPHS1     |
| Q9BYT8      | Neurolysin, mitochondrial                    | NLN       |
| Q75200      | Nuclear pore complex-interacting protein family member B7 | NPIPB7 |
| Q75NE6      | Putative microRNA 17 host gene protein        | MIR17HG   |
| P03971      | Muellerian-inhibiting factor                  | AMH       |
| Q641Q3      | Meteorin-like protein                         | METRN1    |
| Q16455      | Methylated-DNA--protein-cysteine methyltransferase | MGM    |
| Q9UL63      | Muskelin                                       | MKLN1     |
| Q9HCE5      | N6-adenosine-methyltransferase non-catalytic subunit | METTL14 |
| Q9Y5R2      | Matrix metalloproteinase-24                   | MMP24     |
| P08581      | Hepatocyte growth factor receptor             | MET       |
| Q6Z577      | Major facilitator superfamily domain-containing protein 6 | MFSD6  |
| Q43451      | Malate-glucosaminase, intestinal              | MGAM      |
| Q15777      | Metallophosphoesterase MPPED2                | MPPED2    |
| P0DK86      | Mitochondrial pyruvate carrier 1-like protein | MPC1L     |
| Q15014      | Mortality factor 4-like protein 2             | MORF4L2   |
| Q9UG1       | Motile sperm domain-containing protein 1      | MOSPD1    |
| Q99S47      | M-phase phosphoprotein 6                      | MPHOSPH   |
| Q86WG55     | Myotubularin-related protein 13               | SBF2      |
| Q9BG7       | Protein maestro                               | MRO       |
| Q86U44      | N6-adenosine-methyltransferase catalytic subunit | METTL3  |
| Q15746      | Myosin light chain kinase, smooth muscle      | MYLK      |
| P12525      | Putative myc-like protein MYCLP1              | MYCLP1    |
| O60361      | Putative nucleoside diphosphate kinase        | NME2P1    |
| Q90160      | Unconventional myosin-If                     | MYO1F     |
| Q9UMS4      | Unconventional myosin-VI                     | MYO6      |
| P16435      | NADPH-cytochrome P450 reductase               | POR       |
| A0A087WU1L8 | Neuroblastoma breakpoint family member 19     | NBPF19    |
| P13535      | Myosin-8                                      | MYH8      |
| Q8NCQ3      | Putative uncharacterized protein encoded by LINC00301 | LINC00301 |
| Q9HNP4      | NLR family CARD domain-containing protein 4   | NLRC4     |
| P0CP6       | Neuropeptide S                                | NPS       |
| Q9NX14      | NADH dehydrogenase                            | NDUB811   |
| Q8NG41      | Neuropeptide B                                | NP8       |
| Accession | Description                                                                 | Gene Symbol |
|-----------|------------------------------------------------------------------------------|-------------|
| Q95139    | NADH dehydrogenase                                                          | NDUFB6      |
| O00590    | Atypical chemokine receptor 2                                               | ACKR2       |
| Q94929    | Actin-binding LIM protein 3                                                 | ABLIM3      |
| P02760    | Protein AMBP                                                                 | AMBP        |
| Q14862    | Interferon-inducible protein AIM2                                            | AIM2        |
| Q9UKB5    | Adherens junction-associated protein 1                                      | AJAP1       |
| P05091    | Aldehyde dehydrogenase, mitochondrial                                       | ALDH2       |
| O43823    | A-kinase anchor protein 8                                                    | AKAP8       |
| Q9UL18    | Protein argonaute-1                                                         | AGO1        |
| O95394    | Phosphoacetylglucosamine mutase                                             | PGM3        |
| Q5VUY0    | Arylacetamide deacetylase-like 3                                             | AADACL3     |
| P48960    | Adhesion G protein-coupled receptor E5                                       | ADGRE5      |
| Q9UKU0    | Long-chain-fatty-acid-CoA ligase 6                                           | ACSL6       |
| O00253    | Agouti-related protein                                                       | AGRP        |
| P63261    | Actin, cytoplasmic 2                                                         | ACTG1       |
| Q13015    | Protein AF1q                                                                 | MLLT11      |
| O43506    | Disintegrin and metalloproteinase domain-containing protein 20              | ADAM20      |
| Q9HBW9    | Adhesion G protein-coupled receptor L4                                       | ADGRL4      |
| Q8IU5X7   | Adipocyte enhancer-binding protein 1                                         | AEBP1       |
| Q6WH7     | Anoctamin-7                                                                 | ANO7        |
| Q8N9V6    | Ankyrin repeat domain-containing protein 53                                  | ANKRD53     |
| Q8IWV6    | AT-rich interactive domain-containing protein 3B                             | ARID3B      |
| Q49896    | Cytochrome c oxidase assembly protein COX19                                   | COX19       |
| Q8NI60    | Atypical kinase COQ8A, mitochondrial                                         | COQ8A       |
| Q86YQ8    | Copine-8                                                                     | CPNE8       |
| P49747    | Cartilage oligomeric matrix                                                  | COMP        |
| Q9Y6A2    | Cholesterol 24-hydroxylase                                                   | CYP46A1     |
| P52943    | Cysteine-rich protein 2                                                       | CRIP2       |
| Q16850    | Lanosterol 14-alpha demethylase                                              | CYP5A1      |
| Q8N1N5    | Putative protein CRIPAK                                                      | CRIPAK      |
| A5YM72    | Carnosine synthase 1                                                         | CARNS1      |
| P58512    | Uncharacterized protein encoded by LINC01547                                 | LINC01547   |
| Q2VPK5    | Cytoplasmic tRNA 2-thiolation protein 2                                      | CTU2        |
| Q4LD2     | Cortexin-3                                                                   | CTXN3       |
| P59037    | Putative uncharacterized protein encoded by LINC00313                        | LINC00313   |
| Q8WYA6    | Beta-catenin-like protein 1                                                  | CTNNB1      |
| P35221    | Catenin alpha-1                                                              | CTNNA1      |
| Q89UF2    | cTAGE family member 6                                                        | CTAGE6      |
| Q15483    | Cytohesin-1                                                                  | CYTH1       |
| Q9H2H0    | CXXC-type zinc finger protein 4                                               | CXXC4       |
| P59861    | Beta-defensin 31A                                                            | DEFBI31A    |
| Q75064    | DENN domain-containing protein 4B                                            | DENND4B     |
| P53355    | Death-associated protein kinase 1                                            | DAPK1       |
| Q9UK4     | Death-associated protein kinase 2                                            | DAPK2       |
| Q96NX9    | Dachshund homolog 2                                                          | DACH2       |
| Q92564    | DCN1-like protein 4                                                          | DCCUN1D4    |
| Q8IXT1    | DNA damage-induced apoptosis suppressor protein                              | DDIAS       |
| Q8TDD1    | ATP-dependent RNA helicase                                                   | DDX54       |
| A6NGE4    | DDB1- and CUL4-associated factor 8-like protein 1                            | DCAF8L1     |
| Accession | Description |
|-----------|-------------|
| Q5H9U9    | Probable ATP-dependent RNA helicase DDX60-like |
| Q8WV16    | DDB1- and CUL4-associated factor 4 |
| Q15392    | Delta |
| Q9NZJ0    | Denticleless protein homolog |
| Q8WTR2    | Dual specificity protein phosphatase 19 |
| Q96F86    | Enhancer of mRNA-decapping protein 3 |
| Q69384    | Endogenous retrovirus group K member 6 Env polyprotein |
| Q9BV81    | ER membrane protein complex subunit 6 |
| P43026    | Growth/differentiation factor 5 |
| P31150    | Rab GDP dissociation inhibitor alpha |
| P50395    | Rab GDP dissociation inhibitor beta |
| O95395    | Beta-1,3-galactosyl-O-glycosyl-glycoprotein beta-1,6-N-acetylglucosaminyltransferase 3 |
| Q9BX10    | GTP-binding protein 2 |
| P49841    | Glycogen synthase kinase-3 beta |
| Q14831    | Metabotropic glutamate receptor 7 |
| Q9NVX0    | HAUS augmin-like complex subunit 2 |
| Q96Z42    | Transcription cofactor HES-6 |
| P20155    | Serine protease inhibitor Kazal-type 2 |
| Q6DN90    | IQ motif and SEC7 domain-containing protein 1 |
| Q96ST2    | Protein IWS1 homolog |
| Q08881    | Tyrosine-protein kinase ITK/TSK |
| Q99695    | Integrin beta-like protein 1 |
| Q9UL03    | Integrator complex subunit 6 |
| Q9H2U2    | Inorganic pyrophosphatase 2, mitochondrial |
| Q9Y6H6    | Potassium voltage-gated channel subfamily E member 3 |
| Q95600    | Krueppel-like factor 8 |
| Q95239    | Chromosome-associated kinesin KIF4A |
| P60014    | Keratin-associated protein 10-10 |
| A0A07WTH5 | Potassium voltage-gated channel subfamily E member 18 |
| P56696    | Potassium voltage-gated channel subfamily KQT member 4 |
| O60282    | Kinesin heavy chain isoform 5C |
| Q16773    | Kynurenine---oxoglutarate transaminase 1 |
| Q9BYQ6    | Keratin-associated protein 4-11 |
| Q9P0W2    | SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily E member 1-related |
| O75031    | Heat shock factor 2-binding protein |
| Q05925    | Homeobox protein engrailed-1 |
| Q95460    | Major histocompatibility complex class I-related gene protein |
| P31943    | Heterogeneous nuclear ribonucleoprotein H |
| Q3XM5     | Inactive hydroxysteroid dehydrogenase-like protein 1 |
| Accession | Description                                                                 | Ensembl ID |
|-----------|------------------------------------------------------------------------------|------------|
| P10915    | Hyaluronan and proteoglycan link protein 1                                  | HAPLN1     |
| Q86YZ3    | Hornerin                                                                     | HRNR       |
| Q6K0P9    | Pyrin and HIN domain-containing protein 1                                   | PYHN1      |
| P0CI75    | Humanin-like 8                                                               | MTRNR2L8   |
| P09601    | Heme oxygenase 1                                                             | HMOX1      |
| P01566    | Interferon alpha-10                                                          | IFNA10     |
| Q96M15    | Putative uncharacterized protein IGF2BP2-AS1                                 | IGF2BP2-AS1|
| Q01113    | Interleukin-9 receptor                                                       | IL9R       |
| P31785    | Cytokine receptor common subunit gamma                                        | IL2RG      |
| Q6ZVW7    | Putative interleukin-17 receptor E-like                                       | IL17REL    |
| P18065    | Insulin-like growth factor–binding protein 2                                 | IGFBP2     |
| Q14602    | Putative DNA–binding protein inhibitor ID-2B                                  | ID2B       |
| O43301    | Heat shock 70 kDa protein 12A                                                 | HSPA12A    |
| Q8TD10    | Mirror–image polydactylly gene 1 protein                                      | MIPOL1     |
| Q9HOC8    | Integrin–linked kinase–associated serine/threonine phosphatase 2C            | ILKAP      |
| P28356    | Homeobox protein Hox-D9                                                      | HOXD9      |
| P51553    | Isocitrate dehydrogenase                                                     | IDH3G      |
| Q9BUN1    | Protein MENT                                                                 | MENT       |
| O60268    | Uncharacterized protein KIAA0513                                              | KIAA0513   |
| Q6PHV0    | Iodotyrosine deiodinase 1                                                    | TYD        |
| P35900    | Keratin, type I cytoskeletal 20                                               | KRT20      |
| O43736    | Integral membrane protein 2A                                                 | ITM2A      |
| P48200    | Iron–responsive element–binding protein 2                                   | IREB2      |
| Q99678    | Keratin, type II cytoskeletal 75                                              | KRT75      |
| Q8N77     | Kinesin–like protein KIF18A                                                  | KIF18A     |
| Q99706    | Killer cell immunoglobulin–like receptor 2DL4                               | KIR2DL4    |
| Q9Y2K7    | Lysine–specific demethylase 2A                                                | KDM2A      |
| Q8N9T8    | Protein KRI1 homolog                                                         | KRI1       |
| Q14952    | Killer cell immunoglobulin–like receptor 2DS3                               | KIR2DS3    |
| Q8IU85    | Calcium/calmodulin–dependent protein kinase type 1D                          | CAMK1D     |
| P03952    | Plasma kallikrein                                                            | KLKB1      |
| Q86UP2    | Kinectin                                                                     | KTN1       |
| Q3L172    | Keratin–associated protein 19-5                                               | KRTAP19-5  |
| Q9BYT5    | Keratin–associated protein 2-2                                                | KRTAP2-2   |
| O14686    | Histone–lysine N–methyltransferase 2D                                        | KMT2D      |
| A6NM11    | Leucine–rich repeat–containing protein 37A                                   | LRRC37A2   |
| O6ZUX7    | LHFPL tetraspan subfamily member 2 protein                                   | LHFPL2     |
| Q9BYE3    | Late cornified envelope protein                                               | LCE3D      |
| Q1L529    | LON peptidase N–terminal domain and RING finger protein 2                    | LONRF2     |
| Q0VAA2    | Leucine–rich repeat–containing protein 74A                                   | LRRC74A    |
| Q96CX6    | Leucine–rich repeat–containing protein 58                                    | LRRC58     |
| Q15722    | Leukotriene B4 receptor 1                                                     | LTB4R      |
| Q14766    | Latent–transforming growth factor beta–binding protein 1                    | LTBP1      |
| Q6UXK5    | Leucine–rich repeat neuronal protein 1                                        | LRRN1      |
| Q9HBG7    | T–lymphocyte surface antigen Ly-9                                             | LY9        |
| P29376    | Leukocyte tyrosine kinase receptor LTK                                        | LTK        |
| P54317    | Pancreatic lipase–related protein 2 PNLIPRP2                                 | PNLIPRP2   |
| Protein ID | Description |
|------------|-------------|
| P29536 | Leiomodin-1 |
| Q92539 | Phosphatidate phosphatase LPIN1 |
| P01229 | Lutropin subunit beta |
| Q08W61 | LIM domain only protein 7 |
| Q9E6N5 | Mediator of RNA polymerase II transcription subunit 15 |
| A0JLT2 | Mediator of RNA polymerase II transcription subunit 19 |
| Q96KG7 | Multiple epidermal growth factor-like domains protein 10 |
| O95460 | Matrilin-4 |
| Q9UG47 | Inositol oxygenase |
| Q9H2W2 | Homeobox protein MIXL1 |
| O05666 | U3 small nucleolar ribonucleoprotein protein MPP10 |
| Q7L1V2 | Vacular fusion protein MON1 homolog B |
| Q9NY89 | Protein Mis18-alpha |
| Q13163 | Dual specificity mitogen-activated protein kinase kinase 5 |
| O94776 | Metastasis-associated protein MTA2 |
| Q8XR7 | Methionine-R-sulfoxide reductase B3 |
| O15069 | NAC-alpha domain-containing protein 1 |
| Q15113 | Procollagen C-endopeptidase enhancer 1 |
| Q15274 | Nicotinate-nucleotide pyrophosphorylase |
| Q96EZ4 | Myeloma-overexpressed gene protein |
| O00159 | Unconventional myosin-Ic |
| Q8N660 | Neuroblastoma breakpoint family member 15 |
| P61601 | Neurocalcin-delta |
| Q13772 | Nuclear receptor coactivator 4 |
| Q9UX3 | RNA-binding protein NOB1 |
| Q8N9B7 | N-terminal EF-hand calcium-binding protein 1 |
| Q9C002 | Normal mucosa of esophagus-specific gene 1 protein |
| Q99457 | Nucleosome assembly protein 1-like 3 |
| Q5H843 | Neuromedin-S |
| Q9Y222 | Neurogenin-3 |
| Q61AR5 | Nance-Horan syndrome protein |
| E5RQ5 | Nuclear pore complex-interacting protein family member B11 |
| Q9NX89 | Elongation of very long chain fatty acids protein 2 |
| Q98Z51 | Glutathione hydrolase light chain |
| Q9Y222 | Bifunctional UDP-N-acetylglucosamin 2-epimerase/N-acetylmannosamine kinase |
| P35573 | Glycogen debranching enzyme |
| P08966 | Gelsolin |
| Q8N8V2 | Guanylate-binding protein 7 |
| P34896 | Serine hydroxymethyltransferase, cytosolic |
| P32456 | Guanylate-binding protein 2 |
| P09471 | Guanine nucleotide-binding protein G |
| P07224 | Glycophosphin-A |
| P08431 | Histone H3.1 |
| O15379 | Histone deacetylase 3 |
| Q9USQ6 | Histone deacetylase 5 |
| Protein ID | Description | Accession |
|-----------|-------------|-----------|
| Q9BYW1    | Solute carrier family 2, facilitated glucose transporter member 11 | SLC2A11 |
| P34947    | G protein-coupled receptor kinase 5 | GRK5 |
| Q68YU2    | E3 ubiquitin-protein ligase HACE1 | HACE1 |
| P10746    | Uroporphyrinogen-III synthase | UROS |
| Q9NQ89    | Histidine triad nucleotide-binding protein 3 | HINT3 |
| Q95714    | E3 ubiquitin-protein ligase HERC2 | HERC2 |
| A8MVW5    | HEPACAM family member 2 | HEPACAM2 |
| Q8HDA2    | Hemicentin-2 | HMCN2 |
| Q9UGU5    | HMG domain-containing protein | HMGN3 |
| Q15651    | High mobility group nucleosome-binding domain-containing protein 3 | HMGX44 |
| Q12894    | Interferon-related developmental regulator 2 | IFRD2 |
| Q9NW67    | Intraflagellar transport protein 57 homolog | IFT57 |
| Q8NHD6    | Islet cell autoantigen 1-like | ICA1L |
| Q96LU5    | Mitochondrial inner membrane protease subunit 1 | IMMP1L |
| Q9HG92    | Interleukin-25 | I25 |
| P03562    | Intercellular adhesion molecule 1 | ICAM1 |
| P0DOX8    | Immunoglobulin lambda-1 light chain | CSF2RB |
| P32927    | Cytokine receptor common subunit beta | IL13RA2 |
| Q14627    | Interleukin-13 receptor subunit alpha-2 | IZK2 |
| Q9UKS7    | Zinc finger protein Helios | IGFBP7 |
| Q16270    | Insulin-like growth factor-binding protein 7 | IGFBP1 |
| P06833    | Insulin-like growth factor-binding protein 1 | IGFBP1 |
| Q8HNO5    | Inositol polyphosphate multikinase | IPMK |
| Q85N59    | Protein jagunal homolog 1 | JAGN1 |
| Q9NH42    | Integrator complex subunit 7 | INTS7 |
| Q9H511    | Kelch-like protein 31 | KLHL31 |
| Q61DP4    | Kelch-like protein 17 | KLHL17 |
| Q9N787    | KH domain-containing protein 3 | KHDC3L |
| P06870    | Kallikrein-1 | KLK1 |
| Q9Y2U9    | Kelch domain-containing protein | KLHC2 |
| Q75037    | Kinesin-like protein KIF21B | KIF21B |
| Q68D87    | BTB/POZ domain-containing protein KCTD16 | KCTD16 |
| P06372    | Keratin-associated protein 10-4 | KRTAP10-4 |
| A8N6C2    | Putative keratin-87 protein | KRT87P |
| Q13875    | Laminin subunit beta-3 | LAMB3 |
| P55768    | Laminin subunit beta-2 | LAMB2 |
| Q15334    | Lethal | LLGL1 |
| A8MZ59    | Paired-like homeodomain transcription factor LEUTX | LEUTX |
| Q14782    | Kinesin-like protein KIF3C | KIF3C |
| Q86X40    | Leucine-rich repeat-containing protein 28 | LRR28 |
| Q55Z11    | Low-density lipoprotein receptor class A domain-containing protein 2 | LDLRAD2 |
| Q8NAA5    | Leucine-rich repeat-containing protein 75A | LRR75A |
| Q9H28A    | Leucine-rich melanocyte differentiation-associated protein | LRMDA |
| O4S5O4    | Regulator complex protein LAMTOR5 | LAMTOR5 |
| Q08397    | Lysyl oxidase homolog 1 | LOXL1 |
| Q96N68    | Leucine-rich repeat and fibronectin type-III domain-containing protein 5 | LRFN5 |
| Gene ID   | Description                                                                 |
|----------|-----------------------------------------------------------------------------|
| Q9HBW0   | Lysophosphatidic acid receptor 2                                            |
| O94898   | Leucine-rich repeats and immunoglobulin-like domains protein 2              |
| Q98QD3   | KxD motif-containing protein 1                                              |
| Q96LM7   | Lethal                                                                      |
| O95837   | Lymphocyte antigen 6 complex locus protein G6c                             |
| Q9Y4Z0   | U6 snRNA-associated Sm-like protein LSM4                                    |
| Q8N6C8   | Leukocyte immunoglobulin-like receptor subfamily A member 3                |
| Q8TAP4   | LIM domain only protein 3                                                  |
| Q07820   | Induced myeloid leukemia cell differentiation protein Mcl-1                |
| Q99759   | Mitogen-activated protein kinase kinase kinase 3                            |
| Q9H204   | Mediator of RNA polymerase II transcription subunit 2B                     |
| Q9H2W1   | Membrane-spanning 4-domains subfamily A member 6A                          |
| P40925   | Malate dehydrogenase, cytoplasmian                                          |
| Q96L34   | MAP/microtubule affinity-regulating kinase 4                                |
| Q9Y5Y7   | Lymphatic vessel endothelial hyaluronic acid receptor 1                     |
| Q9UJH8   | Meteorin                                                                    |
| Q86W50   | RNA N6-adenosine-methyltransferase METTL16                                  |
| Q13615   | Myotubularin-related protein 3                                              |
| A6NDL7   | Putative methyltransferase-like protein 21E pseudogene                     |
| Q8N38    | Mucin-15                                                                    |
| P28330   | Long-chain specific acyl-CoA dehydrogenase, mitochondrial                  |
| Q9BYF1   | Angiotensin-converting enzyme 2                                              |
| O75027   | ATP-binding cassette sub-family B member 7, mitochondrial                   |
| Q09428   | ATP-binding cassette sub-family C member 8                                  |
| P30542   | Adenosine receptor A1                                                       |
| Q7191O   | Putative activator of 90 kDa heat shock protein ATPase homolog 2            |
| Q9UH17   | DNA dC->dU-editing enzyme APOBEC-3B                                          |
| Q9GZK7   | Single-stranded DNA cytosine deaminase                                      |
| P14060   | 3 beta-hydroxysteroid dehydrogenase/Delta 5 -->4-isomerase type 1           |
| P14621   | Acylphosphatase-2                                                           |
| Q86WK7   | Amphoterin-induced protein 3                                                |
| Q8TC49   | Actin-like protein 9                                                        |
| Q8T6D2   | Actin-related protein T1                                                    |
| Q02952   | A-kinase anchor protein 12                                                  |
| P52895   | Aldo-keto reductase family 1 member C2                                      |
| Q3MIX3   | Uncharacterized aarF domain-containing protein kinase 5                    |
| Q9NWT8   | Aurora kinase A-interacting protein                                         |
| Q68CK6   | Acyl-coenzyme A synthetase ACSM2B, mitochondrial                            |
| Q9P2G1   | Ankyrin repeat and IBR domain-containing protein 1                          |
| Q6UXT8   | ALK and LTK ligand 1                                                        |
| P31749   | RAC-alpha serine/threonine-protein kinase                                   |
| Gene ID  | Protein Description                                      | Protein ID |
|---------|-----------------------------------------------------------|------------|
| P25100  | Alpha-1D adrenergic receptor                              | ADRA1D     |
| Q86W34  | Archaemetzincin-2                                         | AM22       |
| O00189  | AP-4 complex subunit mu-1                                | AP4M1      |
| Q98WW9  | Apolipoprotein L5                                          | APOL5      |
| Q14791  | Apolipoprotein L1                                          | APOL1      |
| Q96DR7  | Rho guanine nucleotide exchange factor 26                 | ARHGEF26   |
| Q94Y44  | Helicase ARIP4                                             | RAD54L2    |
| Q15327  | Ankyrin repeat domain-containing protein 1                | ANKRD1     |
| Q94817  | Ubiquitin-like protein ATG12                              | ATG12      |
| O00148  | ATP-dependent RNA helicase DDX39A                         | DDX39A     |
| Q9U7D6  | CAP-Gly domain-containing linker protein 2                | CLIP2      |
| Q9BSU1  | UPF0183 protein C16orf70                                  | C16orf70   |
| H3BN30  | Uncharacterized protein C16orf97                          | C16orf97   |
| P42126  | Enoyl-CoA delta isomerase 1, mitochondrial                | ECI1       |
| Q96P7Z  | CUB and sushi domain-containing protein 1                 | CSMD1      |
| Q1H444  | Dual oxidase maturation factor 2                           | DUOXA2     |
| Q9UKG1  | DCC-interacting protein 13-alpha                          | APPL1      |
| Q9BY08  | Emopamil-binding protein-like                            | EBPL       |
| Q5VYK3  | Proteasome adapter and scaffold protein ECM29             | ECPAS      |
| A0AU1RQF7 | DPEP2 neighbor protein                                   | DPEP2NB    |
| Q8TB45  | DEP domain-containing mTOR-interacting protein            | DEPTOR     |
| P43003  | Excitatory amino acid transporter 1                      | SLC1A3     |
| P43004  | Excitatory amino acid transporter 2                      | SLC1A2     |
| P20036  | HLA class II histocompatibility antigen, DP alpha 1 chain | HLA-DPA1   |
| P43005  | Excitatory amino acid transporter 3                      | SLC1A1     |
| Q9C005  | Protein dpy-30 homolog                                     | DPY30      |
| P48664  | Excitatory amino acid transporter 4                      | SLC1A6     |
| O00341  | Excitatory amino acid transporter 5                      | SLC1A7     |
| Q12882  | Dihydropyrimidine                                         | DPYD       |
| P04440  | HLA class II histocompatibility antigen, DP beta 1 chain  | HLA-DPB1   |
| Q14194  | Dihydropyrimidinase-related protein 1                    | CRMP1      |
| Q16555  | Dihydropyrimidinase-related protein 2                    | DPYSL2     |
| Q14195  | Dihydropyrimidinase-related protein 3                    | DPYSL3     |
| Q06SG4  | Putative Dresden prostate carcinoma protein 2             | HMGN2P46   |
| Q96JC9  | ELL-associated factor 1                                    | EAF1       |
| Q9BVW4  | Protein DPCD                                              | DPCD       |
| O14531  | Dihydropyrimidinase-related protein 4                    | DPYSL4     |
| Q98PU6  | Dihydropyrimidinase-related protein 5                    | DPYSL5     |
| Q96CJ1  | ELL-associated factor 2                                    | EAF2       |
| Q14117  | Dihydropyrimidinase                                       | DPYS       |
| P01909  | HLA class II histocompatibility antigen, DQ alpha 1 chain | HLA-DQA1   |
| P01906  | HLA class II histocompatibility antigen, DQ alpha 2 chain | HLA-DQA2   |
| P01920  | HLA class II histocompatibility antigen, DQ beta 1 chain  | HLA-DQB1   |
| Accession | Description | Gene Symbol |
|-----------|-------------|-------------|
| P05538    | HLA class II histocompatibility antigen, DQ beta 2 chain | HLA-DQB2 |
| Q8TE96    | ATP-dependent RNA helicase DQX1 | DQX1 |
| P0CG22    | Putative dehydrogenase/reductase SDR family member 4-like 1 | DHR54L1 |
| Q6PKH6    | Dehydrogenase/reductase SDR family member 4-like 2 | DHR54L2 |
| Q0D2K5    | Putative EGF-like and EMI domain-containing protein 1 | EGFEM1P |
| Q04741    | Homeobox protein EMX1 | EMX1 |
| Q04743    | Homeobox protein EMX2 | EMX2 |
| Q8IU8X    | Epidermal growth factor-like protein 6 | EGFL6 |
| Q902F9    | Endogenous retrovirus group K member 113 Env polyprotein | HERVK_113 |
| Q9UHF1    | Epidermal growth factor-like protein 7 | EGFL7 |
| Q8N8S7    | Protein enabled homolog | ENAH |
| Q9944     | Epidermal growth factor-like protein 8 | EGFL8 |
| Q9NRM1    | Enamelin | ENAM |
| Q63Q02    | Picachurin | EGFLAM |
| Q8NF15    | Cytosolic endo-beta-N-acetylglucosaminidase | ENGASE |
| O14662    | Ectoderm-neural cortex protein 1 | ENC1 |
| Q5BFF3    | Putative endoplasmic like protein | HSP90B2P |
| P14625    | Endoplasmin | HSP90B1 |
| P22413    | Ectonucleotide pyrophosphatase/phosphodiesterase family member 1 | ENPP1 |
| Q13822    | Ectonucleotide pyrophosphatase/phosphodiesterase family member 2 | ENPP2 |
| Q14638    | Ectonucleotide pyrophosphatase/phosphodiesterase family member 3 | ENPP3 |
| P53672    | Beta-crystallin A2 | CRYBA2 |
| Q8NF67    | Putative ankyrin repeat domain-containing protein 20A12 pseudogene | ANKRD20A12P |
| Q8IY2     | Phospholipid-transporting ATPase ABCA7 | ABCA7 |
| Q06566    | Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B delta isoform | PPP2R2D |
| Q15173    | Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit beta isoform | PPP2R5B |
| Q966AK    | DNA dC->dU-editing enzyme APOBEC-3D | APOBEC3D |
| Q9HC16    | DNA dC->dU-editing enzyme APOBEC-3G | APOBEC3G |
| P07311    | Acylphosphatase-1 | ACYP1 |
| P030837   | Aldehyde dehydrogenase X, mitochondrial | ALDH1B1 |
| P14550    | Aldo-keto reductase family 1 member A1 | AKR1A1 |
| O60661    | Clathrin coat assembly protein AP180 | SNAP91 |
| Q96Q0P1   | Alpha-protein kinase 1 | ALPK1 |
| Q09666    | Neuroblast differentiation-associated protein AHNAK | AHNAK |
| Q966PN6   | Adenylate cyclase type 10 | ADCY10 |
| Q80W06    | Adhesion G protein-coupled receptor A3 | ADGRA3 |
| Q9UHX3    | Adhesion G protein-coupled receptor E2 | ADGRE2 |
| Accession | Gene Name                                      | Description                                                                 |
|-----------|-----------------------------------------------|----------------------------------------------------------------------------|
| Q96Q83    | Alpha-ketoglutarate-dependent dioxygenase alkB homolog 3 | ALKBH3                                                                     |
| O14514    | Adhesion G protein-coupled receptor B1         | ADGRB1                                                                     |
| Q99767    | Amyloid-beta A4 precursor protein-binding family A member 2 | APBA2                                                                     |
| Q96K21    | Abscission/NoCut checkpoint regulator          | ZFYVE19                                                                    |
| P19961    | Alpha-amylase 2B                              | AMY2B                                                                      |
| P55064    | Aquaporin-5                                   | AQP5                                                                       |
| Q3SX8     | ADP-ribosylation factor-like protein 13B       | ARL13B                                                                     |
| O75143    | Autophagy-related protein 13                   | ATG13                                                                      |
| Q9NV7     | ATPase family AAA domain-containing protein 3A | ATAD3A                                                                     |
| P08243    | Asparagine synthetase                         | ASNS                                                                       |
| A6NK9     | Ankyrin repeat and SOCS box protein 14        | ASB14                                                                      |
| Q9Y575    | Ankyrin repeat and SOCS box protein 3         | ASB3                                                                       |
| Q9Y284    | Protein Asterix                               | WDR83OS                                                                    |
| Q5TC04    | Putative uncharacterized protein ATP1A1-AS1   | ATP1A1-AS1                                                                 |
| Q8T662    | Probable phospholipid-transporting ATPase IM  | ATP8B4                                                                     |
| Q9H981    | Actin-related protein B                        | ACTR8                                                                      |
| Q96DT6    | Cysteine protease ATG4C                        | ATG4C                                                                      |
| Q96A70    | Antizyme inhibitor 2                           | AZIN2                                                                      |
| O75964    | ATP synthase subunit g, mitochondrial          | ATP5MG                                                                     |
| P36575    | Arrestin-C                                    | ARR3                                                                       |
| P51798    | H                                             | CLCN7                                                                      |
| P56749    | Claudin-12                                    | CLDN12                                                                     |
| Q9Y577    | Claudin-16                                    | CLDN16                                                                     |
| Q13825    | Methylglutaconyl-CoA hydratase, mitochondrial | AUH                                                                        |
| P51164    | Potassium-transporting ATPase subunit beta     | ATP4B                                                                      |
| Q9BX8     | Protein BEX2                                   | BEX2                                                                       |
| Q96NH3    | Protein broad-minded                          | TBC1D32                                                                    |
| Q15582    | Transforming growth factor-beta-induced protein Ig-h3 | TGFBI                                                                    |
| Q9UPA5    | Protein bassoon                               | BSN                                                                        |
| Q43505    | Beta-1,4-glucuronitransferase 1               | B4GAT1                                                                     |
| Q8N9N5    | Protein BANP                                  | BANP                                                                       |
| O14503    | Class E basic helix-loop-helix protein 40     | BHLHE40                                                                    |
| Q9NP83    | Calcium-binding protein 2                     | CABP2                                                                      |
| Q96KX2    | F-actin-capping protein subunit alpha-3        | CAPZA3                                                                     |
| P17655    | Calpain-2 catalytic subunit                   | CAPN2                                                                      |
| Q96LZ3    | Calceulin subunit B type 2                    | PPP3R2                                                                     |
| Q13698    | Voltage-dependent L-type calcium channel subunit alpha-1S | CACNA1S                                                                  |
| Q8N553    | Uncharacterized protein C2orf73               | C2orf73                                                                    |
| Q13112    | Chromatin assembly factor 1 subunit B         | CHAF1B                                                                     |
| P19022    | Cadherin-2                                    | CDH2                                                                       |
| Q96LT6    | UPF0739 protein C1orf74                       | C1orf74                                                                    |
| Q6TDU7    | Dynine intermediate chain CFAP94, axonemal    | CFAP94                                                                     |
| P29466    | Caspase-1                                     | CASP1                                                                      |
| A6NIJ0    | C2 calcium-dependent domain-containing protein 4B | C2CD4B                                                                    |
| Q86UW7    | Calcium-dependent secretion activator 2       | CADPS2                                                                     |
| Q8TAB7    | Putative coiled-coil domain-containing protein 26 | CCDC26                                                                    |
| Accession | Description                                                                 | ID  |
|-----------|------------------------------------------------------------------------------|-----|
| P15169    | Carboxypeptidase N catalytic chain                                          | CPN1|
| P07451    | Carbonic anhydrase 3                                                        | CA3 |
| Q52MB2    | Coiled-coil domain-containing protein 184                                   | CCDC184|
| Q5JU67    | Cilia- and flagella-associated protein 157                                  | CFAP157|
| P07858    | Cathepsin B                                                                  | CTSS |
| Q8NA61    | Protein chibby homolog 2                                                     | CBY2 |
| O43822    | Cilia- and flagella-associated protein 410                                  | CFAP410|
| P51681    | C-C chemokine receptor type 5                                                | CCR5 |
| P35790    | Choline kinase alpha                                                         | CHKA |
| Q8TAL5    | Uncharacterized protein C9orf43                                              | C9orf43|
| Q8N9H6    | Putative uncharacterized protein C8orf31                                    | C8orf31|
| A6NFR6    | Uncharacterized protein C5orf60                                              | C5orf60|
| P49918    | Cyclin-dependent kinase inhibitor 1C                                         | CDKN1C|
| Q8WVX3    | Uncharacterized protein C4orf3                                               | C4orf3|
| Q9UKY3    | Putative inactive carboxylesterase 4                                        | CES1P1|
| Q00536    | Cyclin-dependent kinase 16                                                   | CDK16 |
| G9CGD6    | CNK3/IPCEF1 fusion protein                                                   | CNK3/IPCEF1|
| Q8ND76    | Cyclin-Y                                                                     | CCNY |
| Q9BWU1    | Cyclin-dependent kinase 19                                                   | CDK19 |
| Q00534    | Cyclin-dependent kinase 6                                                    | CDK6 |
| Q96M19    | Putative transmembrane protein encoded by LINC00477                         | LINC00477|
| Q15417    | Calponin-3                                                                   | CNN3 |
| Q6X4T0    | Uncharacterized protein C12orf54                                             | C12orf54|
| Q9NY25    | C-type lectin domain family 5 member A                                       | CLEC5A|
| Q5SQS8    | Uncharacterized protein C10orf120                                            | C10orf120|
| Q96N53    | Putative uncharacterized protein encoded by LINC00167                       | LINC00167|
| Q9NQW8    | Cyclic nucleotide-gated cation channel beta-3                               | CNGB3 |
| A6NMZ7    | Collagen alpha-6                                                             | COL5A6|
| Q13286    | Batteinin                                                                    | CLN3 |
| Q5VST6    | Alpha/beta hydrolase domain-containing protein 17B                           | ABHD17B|
| Q6PCB6    | Alpha/beta hydrolase domain-containing protein 17C                           | ABHD17C|
| P11766    | Alcohol dehydrogenase class-3                                               | ADH5 |
| Q9NZD4    | Alpha-hemoglobin-stabilizing protein                                         | AHSP |
| P54646    | 5'-AMP-activated protein kinase catalytic subunit alpha-2                    | PRKAA2|
| Q3SY69    | Mitochondrial 10-formyltetrahydrofolate dehydrogenase                        | ALDH1L2|
| Q66S32    | Amphetamine-induced protein 2                                                | AMIGO2|
| Q08043    | Alpha-actinin-3                                                             | ACTN3 |
| Q53H64    | Putative ANKRD40 C-terminal-like protein                                     | ANKRD40C|
| Q6P461    | Acyl-coenzyme A synthetase ACM6, mitochondrial                              | ACSM6 |
| Q08828    | Adenylate cyclase type 1                                                     | ADCY1 |
| Q8N6S4    | Ankyrin repeat domain-containing protein 13C                                 | ANKRD13C|
| P62736    | Actin, aortic smooth muscle                                                  | ACTA2 |
| Q98VK2    | Probable dolichyl pyrophosphate Glc1Man9GlcNAc2-alpha-1,3-glucosyltransferase | ALG8 |
| F7VQ1     | Alternative prion protein                                                    | PRNP |
| Accession | Gene Description                                      | Accession | Gene Description                                      |
|-----------|-------------------------------------------------------|-----------|-------------------------------------------------------|
| Q8WVL7    | Ankyrin repeat domain-containing protein 49          | Q92625    | Ankyrin repeat and SAM domain-containing protein 1A   |
| P05549    | Transcription factor AP-2-alpha                       | Q6UW56    | All-trans retinoic acid-induced differentiation factor |
| Q6UXH0    | Angiopoietin-like protein 8                           | Q86WX3    | Active regulator of SIRT1                             |
| Q8WXJ0    | Ankyrin repeat and SOCS box protein 17                | P18846    | Cyclic AMP-dependent transcription factor ATF-1       |
| Q16515    | Acid-sensing ion channel 2                            | Q7Z4Y8    | Putative ATP synthase subunit g 2, mitochondrial      |
| Q7Z6K5    | Arpin                                                 | Q00963    | Annexin-2 receptor                                    |
| Q75508    | Claudin-11                                            | A6NM45    | Putative claudin-24                                   |
| P57739    | Claudin-2                                             | H7C241    | Claudin-34                                            |
| Q15551    | Claudin-3                                             | Q95471    | Claudin-7                                             |
| Q96GD4    | Aurora kinase B                                       | Q32CQ2    | Annexin-2 receptor                                    |
| Q8TE57    | A disintegrin and metalloproteinase with thrombospondin motifs 16 | Q9N79     | Bifunctional apoptosis regulator                      |
| Q00994    | Protein BEX3                                          | Q76B58    | BMP/retinoic acid-inducible neural-specific protein 3 |
| Q5PSV4    | Breast cancer metastasis-suppressor 1-like protein    | Q9NSY1    | BMP-2-inducible protein kinase                        |
| Q9M84     | BTB/POZ domain-containing protein 16                  | P32247    | Bombesin receptor subtype-3                           |
| Q41223    | Protein BUD31 homolog                                 | P38398    | Breast cancer type 1 susceptibility protein           |
| Q43286    | Beta-1,4-galactosyltransferase 5                      | Q60512    | Beta-1,4-galactosyltransferase 3                       |
| Q8TDM0    | Breast carcinoma-amplified sequence 4                 | Q6P575    | Putative inactive beta-glucuronidase protein GUSBP11  |
| Q75531    | Barrier-to-autointegration factor                      | Q8NFU0    | Bestrophin-4                                          |
| Q8N688    | Putative BCoR-like protein 2                          | Q16611    | Bcl-2 homolog antagonist/killer                       |
| Q9H4L6    | Caspase recruitment domain-containing protein 14      | Q98HL6    | Caspase recruitment domain-containing protein 14      |
| Q90075    | Voltage-dependent N-type calcium channel subunit alpha-1B | Q9H0H9    | Putative cytochrome P450 family member 4F30           |
| Q96333    | Coiled-coil domain-containing protein 47              | P40003    | C4b-binding protein alpha chain                       |
| Q14511    | Enhancer of filamentation 1                           | Q96333    | Coiled-coil domain-containing protein 47              |
| PDB Code | Description                                                                 | Gene Symbol |
|----------|------------------------------------------------------------------------------|-------------|
| Q8IWP9   | Coiled-coil domain-containing protein 28A                                    | CCDC28A     |
| Q8NCX0   | Coiled-coil domain-containing protein 150                                     | CCDC150     |
| A6NNP5   | Coiled-coil domain-containing protein 169                                     | CCDC169     |
| O60359   | Voltage-dependent calcium channel gamma-3 subunit                            | CACNG3      |
| P62955   | Voltage-dependent calcium channel gamma-7 subunit                            | CACNG7      |
| B2RV13   | Sperm axonemal maintenance protein CFAP97D1                                   | CFAP97D1    |
| AOA096LP4| Coiled-coil domain-containing protein 187                                     | CCDC187     |
| Q3KPI0   | Carcinoembryonic antigen-related cell adhesion molecule 21                   | CEACAM21    |
| P16870   | Carboxypeptidase E                                                            | CPE         |
| P08861   | Chymotrypsin-like elastase family member 3B                                   | CELA3B      |
| Q9Y6F7   | Testis-specific chromodomain protein Y 2                                      | CDY2A       |
| Q8NEG2   | Uncharacterized protein C7orf57                                               | C7orf57     |
| O00421   | C-C chemokine receptor-like 2                                                 | CCRL2       |
| Q5W0N0   | Uncharacterized protein C9orf57                                               | C9orf57     |
| P04450   | Ceruloplasmin                                                                | CP          |
| Q16589   | Cyclin-G2                                                                    | CCNG2       |
| Q6PRD7   | Cementoblastoma-derived protein 1                                             | CEMP1       |
| Q12798   | Centrin-1                                                                    | CETN1       |
| Q6P1J9   | Parafibromin                                                                 | CDC73       |
| P32320   | Cytidine deaminase                                                           | CDA         |
| Q8N4M7   | Putative uncharacterized protein C10orf126                                    | C10orf126   |
| Q8NA66   | Cyclic nucleotide-binding domain-containing protein 1                        | CNBD1       |
| Q86U37   | Uncharacterized protein encoded by LINCO1551                                  | LINCO1551   |
| P12110   | Collagen alpha-2                                                             | COL6A2      |
| Q96NS58  | Putative protein CLUHP3                                                       | CLUHP3      |
| Q16280   | Cyclic nucleotide-gated olfactory channel                                     | CNGA2       |
| Q9NPC3   | E3 ubiquitin–protein ligase CCNB1P1                                           | CCNB1P1     |
| Q53SF7   | Cordon–bleu protein–like 1                                                   | COBL1       |
| Q8IU8L   | Cartilage intermediate layer protein 2                                       | CLLP2       |
| Q5TA50   | Ceramide-1-phosphate transfer protein                                         | CPTP        |
| Q75177   | Calcium–responsive transactivator                                             | SSI1L1      |
| P05181   | Cytochrome P450 2E1                                                           | CYP2E1      |
| Q5T197   | E3 ubiquitin–protein ligase DCST1                                             | DCST1       |
| O43293   | Death-associated protein kinase 3 DAPK3                                       | DAPK3       |
| Q9UH6    | Probable ATP–dependent RNA helicase DDX20                                     | DDX20       |
| Q9GZ26   | Neuronal acetylcholine receptor subunit alpha-10                              | CHRNA10     |
| P07108   | Aply–CoA-binding protein                                                      | DBI         |
| Q9H327   | Protein ABHD16B                                                               | ABHD16B     |
| O94911   | ABC-type organic anion transporter ABCA8                                       | ABCA8       |
| Q00005   | Serine/threonine–protein phosphatase 2A 55 kDa regulatory subunit B beta isoform | PPP2R2B     |
| P43353   | Aldehyde dehydrogenase family 3 member B1                                     | ALDH3B1     |
| Q5VW22   | Arf–GAP with GTPase, ANK repeat and PH domain–containing protein 6            | AGAP6       |
| Q96Q42   | Alsin                                                                        | ALS2        |
| Accession | Description                                      | Protein ID |
|-----------|--------------------------------------------------|------------|
| P68133    | Actin, alpha skeletal muscle                      | ACTA1      |
| Q99996    | A-kinase anchor protein 9                         | AKAP9      |
| P10323    | Acrosin                                          | ACR        |
| P00813    | Adenosine deaminase                               | ADA        |
| P50052    | Type-2 angiotensin II receptor                    | AGTR2      |
| Q9NP73    | Putative bifunctional UDP-N-acetylglucosamine transferase and deubiquitinase ALG13 | ALG13      |
| P08588    | Beta-1 adrenergic receptor                        | ADRB1      |
| P0C7M7    | Acyt-coenzyme A synthetase mitochondrial           | ACSM4      |
| P08913    | Alpha-2A adrenergic receptor                      | ADRA2A     |
| Q9HEC9    | Anoctamin-8                                      | ANO8       |
| Q8WXG9    | Adhesion G-protein coupled receptor V1            | ADGRV1     |
| Q75179    | Ankyrin repeat domain-containing protein 17       | ANKRD17    |
| Q53RT3    | Retroviral-like aspartic protease 1               | ASPRV1     |
| Q92754    | Transcription factor AP-2 gamma                   | TFAP2C     |
| Q9UJX3    | Anaphase-promoting complex subunit 7              | ANAPC7     |
| C9JTQ0    | Ankyrin repeat domain-containing protein 63       | ANKRD63    |
| P20073    | Annexin A7                                       | ANXA7      |
| Q9UPS8    | Ankyrin repeat domain-containing protein 26       | ANKRD26    |
| P25098    | Beta-adrenergic receptor kinase 1                 | GRK2       |
| Q995C1    | Angiopoietin-related protein 3                    | ANGPTL3    |
| P23582    | C-type natriuretic peptide                        | NPPC       |
| O15143    | Actin-related protein 2/3 complex subunit 1B      | ARPC1B     |
| Q98QD7    | Adenine nucleotide translocase lysine N-methyltransferase | ANTKMT   |
| P15336    | Cyclic AMP-dependent transcription factor ATF-2   | ATF2       |
| Q9Y2D1    | Cyclic AMP-dependent transcription factor ATF-5   | ATF5       |
| Q9UBL3    | Set1/Ash2 histone methyltransferase complex subunit ASH2 | ASH2L     |
| P78348    | Acid-sensing ion channel 1                        | ASIC1      |
| Q96BY7    | Autophagy-related protein 2 homolog B             | ATG2B      |
| O60312    | Phospholipid-transporting ATPase VA               | ATP10A     |
| Q8TBH0    | Arrestin domain-containing protein 2              | ARRDC2     |
| O14977    | Antizyme inhibitor 1                              | AZIN1      |
| Q99700    | Ataxin-2                                          | ATXN2      |
| Q9HM39    | Ataxin-3-like protein                             | ATXN3L     |
| Q9Y679    | Lipid droplet-regulating VLDL assembly factor AUP1 | AUP1       |
| Q76LX8    | A disintegrin and metalloproteinase with thrombospondin motifs 13 | ADAMTS13  |
| Q8N9R0    | Putative uncharacterized protein encoded by LINC00304 | LINC00304 |
| O43313    | ATM interactor                                    | ATMIN      |
| Q6NYZ7    | Cdc42 effector protein 5                          | CDC42EP5   |
| P18075    | Bone morphogenetic protein 7                      | BMP7       |
| O00499    | Myc box-dependent-interacting protein 1           | BIR1       |
| O75815    | Breast cancer anti-estrogen resistance protein 3  | BCAR3      |
| Q96KC9    | Calcium-binding and spermatid-specific protein 1  | CABS1      |
| Q13145    | BMP and activin membrane-bound inhibitor homolog  | BAMB1      |
| Accession | Description                                                                 | Abbreviation |
|-----------|-----------------------------------------------------------------------------|--------------|
| Q9NR55    | Basic leucine zipper transcriptional factor ATF-like 3                       | BATF3        |
| Q13938    | Calcyphosin                                                                 | CAPS         |
| P07339    | Cathepsin D                                                                 | CTSD         |
| P25774    | Cathepsin S                                                                 | CTSS         |
| Q08289    | Voltage-dependent L-type calcium channel subunit beta-2                    | CACNB2       |
| O75052    | Carboxyl-terminal PDZ ligand of neuronal nitric oxide synthase protein      | NOS1AP       |
| Q86WR0    | Coiled-coil domain-containing protein 25                                    | CCDC25       |
| Q6UB35    | Monofunctional C1-tetrahydrofolate synthase, mitochondrial                 | MTHFD1L      |
| Q8NCB2    | CaM kinase-like vesicle-associated protein                                  | CAMKV        |
| Q9H2F9    | Coiled-coil domain-containing protein 68                                    | CCDC68       |
| P0DP25    | Calmodulin-3                                                                | CALM3        |
| Q8NB13    | Putative uncharacterized protein C3orf56                                    | C3orf56      |
| P0DP23    | Calmodulin-1                                                                | CALM1        |
| P78556    | C-C motif chemokine 20                                                      | CCL20        |
| P10966    | T-cell surface glycoprotein CD8 beta chain                                  | CD8B         |
| P41180    | Extracellular calcium-sensing receptor                                       | CASR         |
| P57076    | Cilia- and flagella-associated protein 298                                  | CFAP298      |
| P42772    | Cyclin-dependent kinase 4 inhibitor B                                        | CDKN2B       |
| Q9BSY4    | Coiled-coil-helix-coiled-helix domain-containing protein 5                  | CHCHD5       |
| Q9H7U1    | Serine-rich coiled-coil domain-containing protein 2                         | CCSER2       |
| Q14839    | Chromodomain-helicase-DNA-binding protein 4                                 | CHD4         |
| Q49M3     | Ceramide kinase-like protein                                                 | CERKL        |
| P30203    | T-cell differentiation antigen CD6                                           | CD6          |
| Q62V77    | Uncharacterized protein C9orf139                                             | C9orf139     |
| Q95673    | Uncharacterized protein C6orf47                                             | C6orf47      |
| P49745    | CCN family member 3                                                         | CCN3         |
| A8MT72    | Uncharacterized protein C12orf71                                            | C12orf71     |
| Q9BV87    | Protein CNPPD1                                                              | CNPPD1       |
| Q9ULM6    | CCR4-NOT transcription complex subunit 6                                    | CNOT6        |
| Q96FZ5    | CKLF-like MARVEL transmembrane domain-containing protein 7                  | CMTM7        |
| Q7Z7L8    | Uncharacterized protein C11orf96                                            | C11orf96     |
| Q05707    | Collagen alpha-1                                                            | COL14A1      |
| Q14734    | Acyl-coenzyme A thioesterase 8                                              | ACOT8        |
| Q9NUZ1    | Acyl-coenzyme A oxidase-like protein                                         | ACOXL        |
| Q4AC99    | Probable inactive 1-aminocyclopropane-1-carboxylate synthase-like protein 2 | ACCSL        |
| P49753    | Acyl-coenzyme A thioesterase 2, mitochondrial                               | ACOT2        |
| P61221    | ATP-binding cassette sub-family E member 1                                  | ABCE1        |
| Q9Y235    | C->U-editing enzyme APOBEC-2                                                | APOBEC2      |
| Q9Y478    | 5'-AMP-activated protein kinase subunit beta-1                               | PRKAB1       |
| P30153    | Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha   | PPP2R1A      |
| ID     | Name                                      | Description                                      |
|--------|-------------------------------------------|--------------------------------------------------|
| Q6ULP2 | Aftiphilin                                 | AFTPH                                           |
| Q13131 | 5'-AMP-activated protein kinase catalytic  | PRKAA1                                          |
|        | subunit alpha-1                           |                                                  |
| Q95831 | Apoptosis-inducing factor 1, mitochondrial | AIFM1                                           |
| Q8N944 | AFC membrane recruitment protein 3         | AMER3                                           |
| Q7L8J4 | SH3 domain-binding protein 5-like          | SH3BP5L                                         |
| Q9NVV5 | Androgen-induced gene 1 protein            | AIG1                                            |
| Q96B36 | Proline-rich AKT1 substrate 1              | AKT1S1                                          |
| Q15844 | Adiponectin                                | ADIPOQ                                          |
| Q8TDY3 | Actin-related protein T2                   | ACTRT2                                          |
| Q5T2L2 | Putative aldo-keto reductase family 1      | AKR1C8P                                         |
|        | member C8                                  |                                                  |
| P24588 | A-kinase anchor protein 5                  | AKAP5                                           |
| Q9H9G7 | Protein argonaute-3                        | AGO3                                            |
| O75689 | Arf-GAP with dual PH domain-containing      | ADAP1                                           |
|        | protein 1                                  |                                                  |
| Q8B47L | Adenylate cyclase type 2                   | ADCY2                                           |
| Q9NUB1 | Acetyl-coenzyme A synthetase 2-like,       | ACSS1                                           |
|        | mitochondrial                              |                                                  |
| Q8NFM4 | Adenylate cyclase type 4                   | ADCY4                                           |
| Q8IF6  | Adhesion G-protein coupled receptor G4     | ADGRG4                                          |
| Q9NXR5 | Ankyrin repeat domain-containing protein 10| ANKRD10                                         |
| Q13444 | Disintegrin and metalloproteinase domain-   | ADAM15                                          |
|        | containing protein 15                      |                                                  |
| Q6P6B7 | Ankyrin repeat domain-containing protein 16| ANKRD16                                         |
| P17342 | Atrial natriuretic peptide receptor 3      | NPR3                                            |
| P63010 | AP-2 complex subunit beta                  | AP2B1                                           |
| P56377 | AP-1 complex subunit sigma-2               | AP1S2                                           |
| Q8NBQ7 | Aquaporin-11                               | AQP11                                           |
| Q9C0K3 | Ankyrin repeat and SOCS box protein 15     | ASB15                                           |
| Q8WWXK1| Ataxin-2-like protein                      | ATXN2L                                          |
| Q95500 | Claudin-14                                 | CLDN14                                          |
| Q8WWM7 | Alaxin-2-like protein                      | ATXN2L                                          |
| Q5T686 | Arginine vasopressin-induced protein 1     | AVP1                                           |
| O75110 | Probable phospholipid-transporting ATPase  | ATP9A                                           |
|        | IIA                                         |                                                  |
| O75947 | ATP synthase subunit d, mitochondrial       | ATP5PD                                          |
| Q13315 | Serine-protein kinase ATM                   | ATM                                             |
| P54259 | Atrophin-1                                 | ATN1                                            |
| Q6TMDC3| Serine/threonine-protein kinase BRSK1       | BRSK1                                           |
| Q9NY30 | Protein BTG4                               | BTG4                                            |
| Q9UBR1 | Beta-ureidopropionase                      | UPB1                                            |
| Q6ZUJ8 | Phosphoinositol 3-kinase adapter protein 1  | PIK3AP1                                         |
| A8MW95 | Beclin-2                                   | BECN2                                           |
| Q6PL45 | BRICHO5 domain-containing protein 5         | BRICD5                                          |
| Q13323 | Bcl-2-interacting killer                   | BIK                                             |
| Q86Y30 | B melanoma antigen 2                       | BAGE2                                           |
| Q9HC96 | Calpain-10                                 | CAPN10                                          |
| Q9P296 | C5a anaphylatoxin chemotactic receptor 2   | CSAR2                                           |
| Q8N5C1 | Calcium homeostasis modulator protein 5     | CALH5                                           |
| Q8NQG1 | Cytochrome b561 domain-containing protein 1 | CYB561D1                                       |
| P43155 | Carnitine O-acetyltransferase              | CRAT                                            |
| P0DPFS | Uncharacterized protein C2orf27A           | C2orf27A                                        |
| Uniprot ID | Protein Name                                                   | Description                                                                 |
|----------|---------------------------------------------------------------|------------------------------------------------------------------------------|
| P47756   | F-actin-capping protein subunit beta                          | CAPZB                                                                        |
| Q8N0U7   | Uncharacterized protein C1orf187                              | C1orf187                                                                     |
| Q9H425   | Uncharacterized protein C1orf198                              | C1orf198                                                                     |
| Q6IMN6   | Caprin-2                                                      | CAPRIN2                                                                      |
| Q9Y6E9   | Centrosomal protein CCDC61                                    | CCDC61                                                                       |
| P0DP24   | Calmodulin-2                                                  | CALM2                                                                        |
| Q569K6   | Coiled-coil domain-containing protein 157                    | CCDC157                                                                      |
| P14384   | Carboxypeptidase M                                           | CPM                                                                          |
| P80075   | C-C motif chemokine 8                                        | CCL8                                                                         |
| Q6UW01   | Cerebellin-3                                                  | CBLN3                                                                        |
| P15085   | Carboxypeptidase A1                                           | CPA1                                                                         |
| P22681   | E3 ubiquitin–protein ligase CBL                               | CBL                                                                          |
| Q96EP1   | E3 ubiquitin–protein ligase CHFR                              | CHFR                                                                         |
| P31997   | Carinoembryonic antigen-related cell adhesion molecule 8     | CEACAM8                                                                      |
| P17676   | CCAAT/enhancer-binding protein beta                           | CEBPB                                                                        |
| Q95992   | Cholesterol 25-hydroxylase                                    | CH25H                                                                        |
| P15812   | T-cell surface glycoprotein CD1e, membrane–associated         | CD1E                                                                         |
| P51861   | Cerebellar degeneration-related antigen 1                     | CDR1                                                                         |
| Q9U6E7   | E3 ubiquitin–protein ligase CHIP                              | STUB1                                                                        |
| Q96T59   | CMT1A duplicated region transcript 15 protein                | CDRT15                                                                       |
| Q9NPFO   | CD320 antigen                                                 | CD320                                                                        |
| Q0N6E3   | Centrosomal protein of 112 kDa                               | CEP112                                                                       |
| A6NKQ9   | Choriogonadotropin subunit beta variant 1                     | CGB1                                                                         |
| P30281   | G1/S-specific cyclin-D3                                      | CCND3                                                                        |
| Q9ULY5   | C-type lectin domain family 4 member E                       | CLEC4E                                                                       |
| P0C7P0   | CDGSH iron-sulfur domain-containing protein 3, mitochondrial  | CISD3                                                                        |
| P01024   | Complement C3                                                | C3                                                                           |
| P10643   | Complement component C7                                      | C7                                                                           |
| Q8V177   | Cyclic nucleotide–gated cation channel alpha-4                | CNGA4                                                                        |
| Q9U9R5   | Chemokine–like factor                                         | CKLF                                                                         |
| Q9UP29   | Serine/threonine–protein kinase ICK                          | CLK1                                                                         |
| P49759   | Dual specificity protein kinase                               | CLK1                                                                         |
| Q99715   | Collagen alpha-1                                              | COL12A1                                                                      |
| Q29228   | Coronin-2A                                                    | CORO2A                                                                       |
| Q9HBI6   | Cytochrome P450 4F11                                           | CYP4F11                                                                       |
| Q9UBL6   | Copine-7                                                      | CPNE7                                                                        |
| P51589   | Cytochrome P450 2J2                                           | CYP2J2                                                                       |
| Q6GP1    | Chymotrypsinogen B2                                           | CTRB2                                                                        |
| Q9H5V9   | UPF0428 protein CXorf56                                       | CXorf56                                                                      |
| P12821   | Angiotensin–converting enzyme                                 | ACE                                                                          |
| O14678   | Lysosomal cobalamin transporter ABCD4                         | ABCD4                                                                        |
| P52209   | 6-phosphogluconate dehydrogenase, decarboxylating            | PGD                                                                          |
| P43681   | Neuronal acetylcholine receptor subunit alpha-4               | CHRNA4                                                                       |
| P01011   | Alpha-1–antichymotrypsin                                      | SERPINA3                                                                     |
| Q9Y2T4   | Serine/threonine–protein phosphatase 2A 55 kDa regulatory subunit B gamma | PPP2R2C                                                                     |
| Q8TGC4   | Angiostatin syndrome protein 1                                | ALMS1                                                                        |
| Q8N302   | Angiogenic factor with G patch and FHA domains 1              | AGGF1                                                                        |
| P42330   | Aldo–keto reductase family 1 member C3                         | AKR1C3                                                                       |
| Q8N157   | Jouberin                                                       | AHI1                                                                         |
| Accession | Description                                                                 | Description |
|-----------|------------------------------------------------------------------------------|-------------|
| P78325    | Disintegrin and metalloproteinase domain-containing protein 8                | ADAM8       |
| Q7Z7M1    | Adhesion G-protein coupled receptor D2                                       | ADGRD2      |
| Q96PE1    | Adhesion G protein-coupled receptor A2                                       | ADGRA2      |
| Q8IZF3    | Adhesion G protein-coupled receptor F4                                       | ADGRF4      |
| O95573    | Long-chain-fatty-acid--CoA ligase 3                                          | ACSL3       |
| Q92685    | Dol-P-Man:Man                                                                | ALG3        |
| P78536    | Disintegrin and metalloproteinase domain-containing protein 17               | ADAM17      |
| Q13686    | Nucleic acid dioxygenase ALKBH1                                              | ALKBH1      |
| P07741    | Adenine phosphoribosyltransferase                                            | APRT        |
| Q43299    | AP-5 complex subunit zeta-1                                                  | AP5Z1       |
| P53680    | AP-2 complex subunit sigma                                                   | AP2S1       |
| Q87V8J    | AP20 region protein 1                                                        | APRG1       |
| Q14617    | AP-3 complex subunit delta-1                                                 | AP3D1       |
| P15144    | Aminopeptidase N                                                            | ANPEP       |
| Q96KC2    | ADP-ribosylation factor-like protein 5B                                      | ARL5B       |
| P05089    | Arginase-1                                                                   | ARG1        |
| Q95154    | Aflatoxin B1 aldehyde reductase member 3                                    | AKR7A3      |
| A6NL99    | Putative aquaporin-7-like protein 3                                          | AQP7P3      |
| Q86XL3    | Ankyrin repeat and LEM domain-containing protein 2                          | ANKLE2      |
| Q969Q4    | ADP-ribosylation factor-like protein 11                                      | ARL11       |
| Q7LC44    | Activity-regulated cytoskeleton-associated protein                           | ARC         |
| Q94778    | Aquaporin-8                                                                  | AQP8        |
| P0C7Q2    | Age-related maculopathy susceptibility protein 2                             | ARMS2       |
| Q9BWN1    | Aspinor                                                                   | ASPN        |
| Q9Y574    | Ankyrin repeat and SOCS box protein 4                                        | ASB4        |
| Q99941    | Cyclic AMP-dependent transcription factor ATF-6 beta                         | ATF6B       |
| Q9H672    | Ankyrin repeat and SOCS box protein 7                                        | ASB7        |
| Q723C6    | Autophagy-related protein 9A                                                 | ATG9A       |
| P54707    | Potassium-transporting ATPase alpha chain 2                                  | ATP12A      |
| Q92484    | Acid sphingomyelinase-like phosphodiesterase 3a                             | SMPDL3A     |
| Q96Q53    | Homeobox protein ARX                                                         | ARX         |
| Q75882    | Attractin                                                                   | ATRN        |
| Q9UP79    | A disintegrin and metalloproteinase with thrombospondin motifs 8            | ADAMTS8     |
| Q8TE56    | A disintegrin and metalloproteinase with thrombospondin motifs 17           | ADAMTS17    |
| Q8TE59    | A disintegrin and metalloproteinase with thrombospondin motifs 19           | ADAMTS19    |
| P00846    | ATP synthase subunit a                                                       | MT-ATP6     |
| Q82MM2    | ADAMTS-like protein 5                                                        | ADAMTS5     |
| O00244    | Copper transport protein ATOX1                                              | ATOX1       |
| Q6RI45    | Bromodomain and WD repeat-containing protein 3                               | BRWD3       |
| A6NE02    | BTB/POZ domain-containing protein 17                                          | BTBD17      |
| Q98X70    | BTB/POZ domain-containing protein 2                                           | BTBD2       |
| Q8NFJ9 | Bardet-Biedl syndrome 1 protein | BBS1 |
| Q14137 | Ribosome biogenesis protein BOP1 | BOP1 |
| P08236 | Beta-glucuronidase | GUS8 |
| Q13936 | Voltage-dependent L-type calcium channel subunit alpha-1C | CACNA1C |
| P09228 | Cystatin-SA | CST2 |
| A6NHC0 | Calpain-8 | CAPN8 |
| Q86Y37 | Cdk2-associated and cullin domain-containing protein 1 | CACUL1 |
| Q9NWW7 | Uncharacterized protein C2orf42 | C2orf42 |
| Q9UKL3 | Casp8-associated protein 2 | CASP8AP2 |
| P55289 | Cadherin-12 | CDH12 |
| Q9UJ99 | Cadherin-22 | CDH22 |
| Q99643 | Succinate dehydrogenase cytochrome b560 subunit, mitochondrial | SDHC |
| Q8TAB5 | UPF0500 protein C1orf216 | C1orf216 |
| Q5Y05 | Putative uncharacterized protein encoded by LINC00303 | LINC00303 |
| Q98Y67 | Cell adhesion molecule 1 | CADM1 |
| Q9H4Z3 | mRNA | PCIF1 |
| Q13901 | Nuclear nucleic acid-binding protein C1D | C1D |
| Q9ULX7 | Carbonic anhydrase 14 | CA14 |
| Q9Y6J0 | Calcineurin-binding protein cabin-1 | CABIN1 |
| Q6ZSU1 | Putative inactive cytochrome P450 2G1 | CYP2G1P |
| P49913 | Cathelicidin antimicrobial peptide | CAMP |
| Q2TAC2 | Coiled-coil domain-containing protein 57 | CCDC57 |
| P51636 | Caveolin-2 | CAV2 |
| Q9UE4 | Coiled-coil domain-containing protein 39 | CCDC39 |
| Q9P0B6 | Coiled-coil domain-containing protein 167 | CCDC167 |
| Q95273 | Cyclin-D1-binding protein | CCND1BP1 |
| Q13939 | Calcitonin | CCIN |
| A0A1B0GVQ3 | Coiled-coil domain-containing protein 200 | CCDC200 |
| Q8IUK8 | Cerebellin-2 | CBLN2 |
| Q96LY2 | Coiled-coil domain-containing protein 74B | CCDC74B |
| A1A4V9 | Coiled-coil domain-containing protein 189 | CCDC189 |
| Q9NUG4 | Cerebral cavernous malformations 2 protein-like | CCM2L |
| A8K010 | Putative transcriptional regulator encoded by LINC00473 | LINC00473 |
| A6NHX0 | Cytoplasmic arginine sensor for mTORC1 subunit 2 | CASTOR2 |
| P49715 | CCAAT/enhancer-binding protein alpha | CEBPA |
| O43745 | Calcineurin B homologous protein 2 | CHB2 |
| Q9P2E5 | Chondroitin sulfate glucuronosyltransferase | CHFP2 |
| Q9Y232 | Chromodomain Y-like protein | CDYL |
| Q6W349 | Putative uncharacterized protein encoded by LINC00575 | LINC00575 |
| Q6W349 | 2-Hydroxyacylsphingosine 1-beta-galactosyltransferase | UGT8 |
| Q99C45 | Carbohydrate sulfotransferase 2 | CHST2 |
| Q96LL4 | Uncharacterized protein C8orf48 | C8orf48 |
| Q98TV8 | Centrosomal protein of 41 kDa | CEP41 |
| P5DM82 | Uncharacterized protein C8orf88 | C8orf88 |
| Q8N5S6 | Centromere protein L | CENPL |
| Q70N32 | Centrosomal protein of 68 kDa | CEP68 |
| Accession | Description |
|-----------|-------------|
| Q9Y592    | Centrosomal protein of 83 kDa | CEP83 |
| Q8N111    | Cell cycle exit and neuronal differentiation protein 1 | CEND1 |
| Q13740    | CD166 antigen | ALCAM |
| Q6E93     | Cyclin-dependent kinase 1 | CDK1 |
| Q8UZ9     | Cyclin-dependent kinase 20 | CDK20 |
| Q9NYY4    | Cyclin-dependent kinase 12 | CDK12 |
| Q96MD2    | KICSTOR complex protein C12orf66 | C12orf66 |
| Q96L0     | Cytochrome c oxidase assembly factor 8 | COA8 |
| Q9BXN2    | C-type lectin domain family 7 member A | CLEC7A |
| Q96JB5    | CDK5 regulatory subunit-associated protein 3 | CDK5RAP3 |
| Q9UJ71    | C-type lectin domain family 4 member K | CD207 |
| Q6UVV9    | C-type lectin domain family 2 member A | CLEC2A |
| P29372    | DNA-3-methyladenine glycosylase | MPG |
| Q5FVE4    | Long-chain-fatty-acid--CoA ligase ACSBG2 | ACSBG2 |
| A7E2S9    | Putative ankyrin repeat domain-containing protein 30B-like | ANKRD30B |
| Q14738    | Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit delta isoform | PPP2R5D |
| P21589    | 5'-nucleotidase | NT5E |
| P29275    | Adenosine receptor A2b | ADORA2B |
| Q9Y3L3    | SH3 domain-binding protein 1 | SH3BP1 |
| Q9H2F3    | 3 beta-hydroxysteroid dehydrogenase type 7 | HSD3B7 |
| P51648    | Aldehyde dehydrogenase family 3 member A2 | ALDH3A2 |
| P09972    | Fructose-bisphosphate aldolase C | ALDOC |
| Q12904    | Aminoacyl tRNA synthase complex-interacting multifunctional protein 1 | AIMP1 |
| Q8N556    | Actin filament-interacting protein 1 | AFAP1 |
| A5PLL1    | Ankyrin repeat-domain-containing protein 34B | ANKRD34B |
| Q98XX3    | Ankyrin repeat-domain-containing protein 30A | ANKRD30A |
| P36405    | ADP-ribosylation factor-like protein 3 | ARL3 |
| P56559    | ADP-ribosylation factor-like protein 4C | ARL4C |
| P21397    | Aamine oxidase | MAOA |
| Q726G8    | Ankyrin repeat and sterile alpha motif domain-containing protein 1B | ANKS1B |
| Q95445    | Apolipoprotein M | APOM |
| Q12774    | Rho guanine nucleotide exchange factor 5 | ARHGEF5 |
| P55056    | Apolipoprotein C-IV | APOC4 |
| P02656    | Apolipoprotein C-III | APOC3 |
| Q86VW2    | Rho guanine nucleotide exchange factor 25 | ARHGEF25 |
| Q7RTU5    | Achaete-scute homolog 5 | ASCL5 |
| P09497    | Clathrin light chain B | CLTB |
| Q9NY37    | Acid-sensing ion channel 5 | ASIC5 |
| Q5FYB0    | Arylsulfatase J | ARSJ |
| Q9H7F0    | Probable cation-transporting ATPase 13A3 | ATP13A3 |
| Q8WYN0    | Cysteine protease ATG4A | ATG4A |
| P24539    | ATP synthase F | ATP5P8 |
| P51788    | Chloride channel protein 2 | CLCN2 |
| Gene ID  | Protein Name                                                                 | Name                          |
|---------|------------------------------------------------------------------------------|-------------------------------|
| P56134  | ATP synthase subunit f, mitochondrial                                         | ATP5MF                        |
| Q9NY35  | Claudin domain-containing protein 1                                            | CLDND1                        |
| Q13535  | Serine/threonine-protein kinase ATR                                            | ATR                           |
| Q9P2N4  | A disintegrin and metalloproteinase with thrombospondin motifs 9              | ADAMTS9                       |
| Q8NH9H  | Atlastin-2                                                                   | ATL2                          |
| Q12934  | Bystin                                                                       | BYSL                          |
| Q13895  | Scavenger receptor cysteine-rich type 1 protein M130                           | CD163                         |
| Q96P09  | Baculoviral IAP repeat-containing protein 8                                    | BIRC8                         |
| Q13867  | Bleomycin hydrolase                                                           | BLMH                          |
| Q9IWZ6  | Bardet-Biedl syndrome 7 protein                                               | BBS7                          |
| Q9P2W7  | Galactosylgalactosylosylprotein 3-beta-glucuronosyltransferase 1              | B3GAT1                        |
| O43825  | Beta-1,3-galactosyltransferase 2                                               | B3GALT2                       |
| Q8NFL0  | UDP-GlcNAc:betaGal beta-1,3-N-acetylgalcosaminyltransferase 7                 | B3GNT7                        |
| Q7RTU4  | Class A basic helix-loop-helix protein 9                                      | BHLHA9                        |
| Q75150  | E3 ubiquitin-protein ligase BRE1B                                              | RNF40                         |
| O14569  | Cytochrome b561 domain-containing protein 2                                   | CYB561D2                      |
| Q6ZS10  | Calpain-12                                                                   | CAPN12                        |
| Q9NYM9  | BET1-like protein                                                             | BET1L                         |
| Q95999  | B-cell lymphoma/leukemia 10                                                   | BCL10                         |
| Q8TCZ2  | CD99 antigen-like protein 2                                                   | CD99L2                        |
| Q8WVQ1  | Soluble calcium-activated nucleotidase 1                                     | CANT1                         |
| Q9BWL3  | Protein C1orf43                                                               | C1orf43                       |
| P43234  | Cathepsin O                                                                  | CTSO                          |
| Q8NEL0  | Coiled-coil domain-containing protein 54                                      | CCDC54                        |
| Q96HJ3  | Coiled-coil domain-containing protein 34                                      | CCDC34                        |
| O15234  | Protein CASC3                                                                | CASC3                         |
| Q8IYK2  | Coiled-coil domain-containing protein 105                                     | CCDC105                       |
| Q72357  | Voltage-dependent calcium channel subunit alpha-2/delta-4                     | CACNA2D4                      |
| Q6P1N0  | Coiled-coil and C2 domain-containing protein 1A                               | CC2D1A                        |
| H7C350  | Coiled-coil domain-containing protein 188                                     | CCDC188                       |
| O15467  | C-C motif chemokine 16                                                        | CCL16                         |
| POCW27  | Coiled-coil domain-containing protein 166                                     | CCDC166                       |
| O00585  | C-C motif chemokine 21                                                         | CCL21                         |
| A0ZSE6  | Cell cycle control protein 50C                                                 | TMEM30CP                      |
| Q62VT6  | Protein CFAP20DC                                                              | CFAP20DC                      |
| O60729  | Dual specificity protein phosphatase CDC14B                                   | CDC14B                        |
| O60826  | Coiled-coil domain-containing protein 22                                       | CCDC22                        |
| P40199  | Carcinoembryonic antigen-related cell adhesion molecule 6                      | CEACAM6                       |
| Q5TON1  | Cilia- and flagella-associated protein 70                                     | CFA70                         |
| Q6NT52  | Chorionic gonadotropin subunit beta variant 2                                  | CGB2                          |
| O96017  | Serine/threonine-protein kinase Chk2                                           | CHEK2                         |
| P06127  | T-cell surface glycoprotein CD5                                                | CD5                           |
| Q6YHK3  | CD109 antigen                                                                 | CD109                         |
| Accession | Description |
|-----------|-------------|
| Q53FE4    | Uncharacterized protein C4orf17 |
| A7E2U8    | UPF0602 protein C4orf47 |
| P32970    | CD70 antigen |
| Q9GZS9    | Carbohydrate sulfotransferase 5 |
| Q96LT7    | Guanine nucleotide exchange C9orf72 |
| Q9HAB2    | Ceramide synthase 4 |
| Q12873    | Chromodomain-helicase-DNA-binding protein 3 |
| Q9ULG6    | Cell cycle progression protein 1 |
| Q8N7H1    | Putative uncharacterized protein encoded by LINC01465 |
| P29279    | CCN family member 2 |
| P41002    | Cyclin-F |
| A6H8M9    | Cadherin-related family member |
| Q5V42     | Threonylcarbamoyladenine tRNA methylthiotransferase |
| Q8IUN9    | C-type lectin domain family 10 member A |
| Q9ULV3    | Cip1-interacting zinc finger |
| Q17RA5    | Putative uncharacterized protein C21orf62-AS1 |
| Q494W8    | CHRNA7-FAM7A fusion protein |
| Q9UKF6    | Cleavage and polyadenylation specificity factor subunit 3 |
| Q9Y215    | Acetylcholinesterase collagenic tail peptide |
| P0DML2    | Chorionic somatomammotropin hormone 1 |
| Q8N6N7    | Acyl-CoA-binding domain-containing protein 7 |
| Q6UXT9    | Protein ABHD15 |
| Q9UGM1    | Neuronal acetylcholine receptor subunit alpha-9 |
| P13796    | Acylamino-acid-releasing enzyme |
| Q2M28     | AP2-associated protein kinase 1 |
| P31946    | 14-3-3 protein beta/alpha |
| P78314    | SH3 domain-binding protein 2 |
| Q969T7    | 7-methylguanosine phosphate-specific 5'-nucleotidase |
| Q04771    | Activin receptor type-1 |
| Q13699    | ALX homeobox protein 1 |
| P0CW23    | A-kinase anchor protein inhibitor |
| Q9UB4     | tRNA-specific adenosine deaminase 1 |
| Q94910    | Adhesion G protein-coupled receptor L1 |
| Q8TC27    | Disintegrin and metalloproteinase domain-containing protein 32 |
| Q9H553    | Alpha-1,3/1,6-mannosyltransferase ALG2 |
| Q98XX2    | Ankyrin repeat domain-containing protein 30B |
| P49703    | ADP-ribosylation factor-like protein 4D |
| Q726R9    | Transcription factor AP-2-delta |
| P29972    | Aquaporin-1 |
| P01019    | Angiotensinogen |
| Q495Z4    | Putative uncharacterized protein ASB16-AS1 |
| Q5H913    | ADP-ribosylation factor-like protein 13A |
| Q6ZW76    | Ankyrin repeat and SAM domain-containing protein 3 |
| P53345    | Protein arginine N-methyltransferase 2 |
| A6ND91    | Putative L-aspartate dehydrogenase |
| Q9Y294    | Histone chaperone ASF1A |
| Gene ID   | Description                                      |
|----------|--------------------------------------------------|
| Q9UN42  | Protein ATP1B4                                  |
| Q8I0X9  | Polycomb group protein ASXL1                    |
| Q5T6C5  | Ataxin-7-like protein 2                         |
| P32121  | Beta-arrestin-2                                  |
| Q8N17F3 | Claudin-22                                      |
| Q96B33  | Claudin-23                                      |
| C9IDP6  | Putative claudin-25                             |
| Q6P387  | Uncharacterized protein C16orf46               |
| Q8WX58  | A disintegrin and metalloproteinase with thrombospondin motifs 14 |
| P36542  | ATP synthase subunit gamma, mitochondrial       |
| O15072  | A disintegrin and metalloproteinase with thrombospondin motifs 3 |
| O75173  | A disintegrin and metalloproteinase with thrombospondin motifs 4 |
| Q8N1U0  | Protein atonal homolog 7                        |
| Q5V32   | BRO1 domain-containing protein BROX             |
| Q53H2   | Borealin                                         |
| Q8WZ55  | Barttin                                          |
| Q9Y5Z6  | Beta-1,3-galactosyltransferase 1                 |
| Q98F3   | BarH-like 1 homeobox protein                     |
| Q6W29   | BCL-6 corepressor                               |
| P10415  | Apoptosis regulator Bcl-2                       |
| O00555  | Voltage-dependent P/Q-type                     |
| Q5SVJ3  | Uncharacterized protein C1orf100                |
| Q5XLA6  | Caspase recruitment domain-containing protein 17 |
| Q8WUZ0  | B-cell CLL/lymphoma 7 protein family member C   |
| Q96HA4  | Uncharacterized protein C1orf159                |
| P14091  | Cathepsin E                                     |
| Q86UU0  | B-cell CLL/lymphoma 9-like protein              |
| Q9NPY3  | Complement component C1q receptor               |
| Q2M243  | Coiled-coil domain-containing protein 27        |
| P60827  | Complement C1q tumor necrosis factor-related protein 8 |
| Q96L12  | Calreticulin-3                                  |
| Q6PS2   | Protein C3orf33                                 |
| Q502W7  | Coiled-coil domain-containing protein 38        |
| Q96BT1  | Putative uncharacterized protein C3orf49        |
| A6NC98  | Coiled-coil domain-containing protein 88B       |
| Q8N4T8  | Carbonyl reductase family member 4              |
| Q5T800  | Centrosomal protein of 162 kDa                 |
| P59074  | Putative charged multivesicular body protein 4B-like protein |
| P10809  | 60 kDa heat shock protein, mitochondrial        |
| Q6NU6   | Chondroadherin-like protein                     |
| P00746  | Complement factor D                             |
| Q9UHN6  | Cell surface hyaluronidase                     |
| P08218  | Chymotrypsin-like elastase family member 28    |
| Q76039  | Cyclin-dependent kinase-like 5                  |
| Q49AR2  | UPF0489 protein C5orf22                        |
| ID    | Protein Name                                                                 | Gene Name  |
|-------|-----------------------------------------------------------------------------|------------|
| Q49AH0| Cerebral dopamine neurotrophic factor                                        | CDNF       |
| Q52M75| Putative uncharacterized protein encoded by LINC01554                        | LINC01554  |
| Q96LM5| Uncharacterized protein C4orf45                                              | C4orf45    |
| Q95813| Cerberus                                                                     | CER1       |
| Q86X52| Chondroitin sulfate synthase 1                                               | CHSY1      |
| P49336| Cyclin-dependent kinase 8                                                    | CDK8       |
| Q8WUJ3| Cell migration-inducing and hyaluronan-binding protein                       | CEMIP      |
| P41208| Centrin-2                                                                    | CETN2      |
| P50750| Cyclin-dependent kinase 9                                                    | CDK9       |
| Q8N5K1| CDGSH iron-sulfur domain-containing protein 2                               | CISD2      |
| P20674| Cytochrome c oxidase subunit 5A, mitochondrial                              | COX5A      |
| P10635| Cytochrome P450 2D6                                                          | CYP2D6     |
| Q9UH73| Transcription factor COE1                                                    | EBF1       |
| P50238| Cysteine-rich protein 1                                                      | CRIP1      |
| P20815| Cytochrome P450 3A5                                                          | CYP3A5     |
| O75534| Cold shock domain-containing protein E1                                      | CSDE1      |
| Q9BV23| Monoacylglycerol lipase ABHD6                                                 | ABHD6      |
| Q8NE71| ATP-binding cassette sub-family F member 1                                   | ABCF1      |
| P05067| Amyloid-beta precursor protein                                                | APP        |
| Q14639| Actin-binding LIM protein 1                                                  | ABLIM1     |
| Q9UNQ0| Broad substrate specificity ATP-binding cassette transporter ABCG2           | ABCG2      |
| Q8TF27| Arf-GAP with GTPase, ANK repeat and PH domain-containing protein 11         | AGAP11     |
| Q96HD9| N-acyl-aromatic-L-amino acid amidohydrolase                                 | ACY3       |
| P63267| Actin, gamma-enteric smooth muscle                                           | ACTG2      |
| P35858| Ras-related growth factor-binding protein complex acid labile subunit       | IGFALS     |
| P04075| Fructose-bisphosphate aldolase A                                             | ALDOA      |
| O95081| Arf-GAP domain and FG repeat-containing protein 2                            | AGFG2      |
| Q04828| Aldo-keto reductase family 1 member C1                                      | AKR1C1     |
| Q6NVV9| Putative disintegrin and metalloproteinase domain-containing protein 5      | ADAM5      |
| Q98Y15| Adhesion G protein-coupled receptor E3                                      | ADGRE3     |
| Q8NE87| Acrosin-binding protein                                                      | ACRBP      |
| Q6UX46| ALK and LTK ligand 2                                                         | ALKAL2     |
| Q8IZF2| Adhesion G protein-coupled receptor F5                                       | ADGRF5     |
| Q9BT22| Chitobiarylphosphodiolchol beta-mannosyltransferase                         | ALG1       |
| Q9UKF5| Disintegrin and metalloproteinase domain-containing protein 29              | ADAM29     |
| Q9BV10| Dol-P-Man-Man                                                                 | ALG12      |
| Q8NC19| Protein APCDD1-like                                                          | APCDD1L     |
| Q6UB98| Ankyrin repeat domain-containing protein 12                                  | ANKRD12    |
| Q98X5| AP-1 complex subunit mu-1                                                    | AP1M1      |
| Q06278| Aldehyde oxidase                                                             | AOX1       |
| Q9H6X2| Anthrax toxin receptor 1                                                     | ANTXR1     |
| A5YM69| Rho guanine nucleotide exchange factor 35                                    | ARHGEF35   |
| Q168S3| Membrane primary amine oxidase                                                | AOC3       |
| Q96C81| AP-2 complex subunit mu                                                      | AP2M1      |
| Accession | Description                                      | Gene Symbol |
|-----------|--------------------------------------------------|-------------|
| Q96IT6    | Putative uncharacterized protein ARHGAP5-AS1     | ARHGAP5-AS1 |
| Q14865    | AT-rich interactive domain-containing protein 5B | ARID5B      |
| Q76L83    | Putative Polycomb group protein ASXL2            | ASXL2       |
| Q9NV1P2   | Histone chaperone ASF1B                          | ASF1B       |
| O15144    | Actin-related protein 2/3 complex subunit 2      | ARP2/3      |
| Q9U8B4    | Ataxin-10                                        | ATXN10      |
| P56746    | Claudin-15                                       | CLDN15      |
| P56856    | Claudin-18                                       | CLDN18      |
| Q96IX5    | ATP synthase membrane subunit DAPIT, mitochondrial | ATP5MD     |
| Q8XXW7    | Autism susceptibility gene 2                     | AUTS2       |
| Q6LNDW8   | Transmembrane protein C16orf54                  | C16orf54    |
| Q8NHY2    | E3 ubiquitin-protein ligase COP1                 | COP1        |
| Q9UKP4    | A disintegrin and metalloproteinate with thrombospondin motifs 7 | ADAMTS7    |
| Q9UNA0    | A disintegrin and metalloproteinate with thrombospondin motifs 5 | ADAMTS5    |
| P54710    | Sodium/potassium-transporting ATPase subunit gamma | FXYD2      |
| O00327    | Aryl hydrocarbon receptor nuclear translocator-like protein 1 | ARNTL     |
| Q9P203    | BTB/POZ domain-containing protein 7              | BTBD7       |
| Q14692    | Ribosome biogenesis protein BMS1 homolog         | BMS1        |
| P17213    | Bactericidal permeability-increasing protein     | BPI         |
| Q8WYA1    | Aryl hydrocarbon receptor nuclear translocator-like protein 2 | ARNTL2    |
| Q8ND07    | Basal body-orientation factor 1                  | BBOF1       |
| Q9UMX3    | Bcl-2-related ovarian killer protein             | BOK         |
| Q6ZN30    | Zinc finger protein basonuclin-2                | BNC2        |
| O75936    | Gamma-butyrobetaine dioxygenase                 | BBOX1       |
| Q94766    | Galactosylgalactosylxylosylprotein 3-beta-gluconosyltransferase 3 | B3GAT3     |
| Q9UHR4    | Brain-specific angiogenesis inhibitor 1-associated protein 2-like protein 1 | BAIAP2L1  |
| Q8YS8     | Biorientation of chromosomes in cell division protein 1-like 2 | BOD1L2    |
| Q6MZZ7    | Calpain-13                                       | CAPN13      |
| O15155    | BET1 homolog                                      | BET1        |
| Q8NWV2    | BEN domain-containing protein 7                  | BEND7       |
| ABM9Z7    | Uncharacterized protein C2orf74                 | C2orf74     |
| Q15484    | Calpain-5                                        | CAPN5       |
| Q8XH8     | Cadherin-like protein 26                         | CDH26       |
| Q8NIOQ1   | Carbonic anhydrase 13                            | CA13        |
| Q14781    | Chromobox protein homolog 2                      | CBX2        |
| ASDBW1    | Cilia- and flagella-associated protein 69        | CFAP69      |
| P15088    | Mast cell carboxypeptidase A                     | CPA3        |
| P90993    | Chymotrypsin-like elastase family member 3A      | CELA3A      |
| P32248    | C-C chemokine receptor type 7                    | CCR7        |
| Q98ZW8    | Natural killer cell receptor 2B                  | CD244       |
| Q8WUH1    | Protein Churchill                                | CHURC1      |
| P31358    | CAMPATH-1 antigen                                | CD52        |
| P06729    | T-cell surface antigen CD2                      | CD2         |
| P08962    | CD63 antigen                                     | CD63        |
| P33597    | CD59 glycoprotein                                | CD59        |
| Q12860    | Contactin-1                                      | CNTN1       |
| Accession | Description                                                                                                           | Protein Name       |
|-----------|-----------------------------------------------------------------------------------------------------------------------|--------------------|
| P40259    | B-cell antigen receptor complex-associated protein beta chain                                                          | CD79B              |
| Q9Y6Z2    | Uncharacterized protein encoded by LINC01558                                                                            | LINC01558          |
| Q32Q52    | Uncharacterized protein C12orf74                                                                                      | C12orf74           |
| P25087    | Collagen alpha-2                                                                                                       | COLBA2             |
| Q5U649    | Uncharacterized protein C12orf60                                                                                      | C12orf60           |
| Q9NU84    | Uncharacterized protein C14orf132                                                                                       | C14orf132          |
| Q8N326    | Putative uncharacterized protein RPP38-DT                                                                                | RPP38-DT           |
| Q5VZT2    | Putative uncharacterized protein C10orf113                                                                              | C10orf113          |
| P18545    | Retinal rod rhodopsin-sensitive cGMP 3',5'-cyclic phosphodiesterase subunit gamma                                      | PDE6G              |
| P12109    | Collagen alpha-1                                                                                                       | COL6A1             |
| P0C7M8    | C-type lectin domain family 2 member L                                                                                | CLEC2L             |
| Q8N0X4    | Citramalyl-CoA lyase, mitochondrial                                                                                    | CLYBL              |
| Q5K131    | Chronic lymphocytic leukemia up-regulated protein 1                                                                      | CLLU1              |
| Q05516    | Circadian locomotor output cycles protein kaput                                                                          | CLOCK              |
| P09496    | Clathrin light chain A                                                                                                  | CLTA               |
| P6193     | Coatamer subunit zeta-1                                                                                                | COPZ1              |
| P10176    | Cytochrome c oxidase subunit 8A, mitochondrial                                                                          | COX8A              |
| H7BZ55    | Putative ciliary rootlet coiled-coil protein 2                                                                           | CROCC2             |
| Q5T5F5    | Uncharacterized protein ADAMTS4-AS1                                                                                    | ADAMTS4-AS1        |
| Q5TYW2    | Ankyrin repeat domain-containing protein 20A1                                                                             | ANKRD20A1          |
| A5X5Y0    | 5-hydroxytryptamine receptor 3E                                                                                        | HTR3E              |
| P32297    | Neuronal acetylcholine receptor subunit alpha-3                                                                          | CHRNA3             |
| Q9NRG9    | Aladin                                                                                                                 | AAAS               |
| P17174    | Aspartate aminotransferase, cytoplasmic                                                                                | GOT1               |
| Q96EY9    | Probable inactive tRNA-specific adenosine deaminase-like protein 3                                                      | ADAT3              |
| P63104    | 14-3-3 protein zeta/delta                                                                                               | YWHAZ              |
| P31941    | DNA dC->dU-editing enzyme APOBEC-3A                                                                                    | APOBEC3A           |
| P55008    | Allograft inflammatory factor 1                                                                                        | AIF1               |
| P36896    | Activin receptor type-1B                                                                                               | ACVR1B             |
| P07327    | Alcohol dehydrogenase 1A                                                                                               | ADH1A              |
| P48444    | Aldehyde dehydrogenase family 3 member B2                                                                              | ALDH3B2            |
| P08319    | All-trans-retinol dehydrogenase                                                                                         | ADH4               |
| Q16352    | Alpha-internexin                                                                                                       | INA                |
| Q8TD30    | Alanine aminotransferase 2                                                                                            | GPT2               |
| Q72591    | Microtubule organization protein AKNA                                                                                   | AKNA               |
| Q12802    | A-kinase anchor protein 13                                                                                              | AKAP13             |
| Q9NR19    | Acetyl-coenzyme A synthetase, cytoplasmic                                                                              | ACSS2              |
| P23109    | AMP deaminase 1                                                                                                       | AMPD1              |
| Q6P093    | Arylacetamide deacetylase-like 2                                                                                       | AADAACL2           |
| Q5T1N1    | Protein AKNAD1                                                                                                         | AKNAD1             |
| P51826    | AF4/FMR2 family member 3                                                                                               | AFF3               |
| Q72695    | Uncharacterized aarF domain-containing protein kinase 2                                                               | ADCK2              |
| PDB Code | Gene Name | Description |
|----------|------------|-------------|
| Q96F25  | UDP-N-acetylglucosamine transferase subunit ALG14 homolog | ALG14 |
| Q4VC55  | Angiokinin | AMOT |
| P55J18  | Protein AF-17 | MLL16 |
| Q81Z4F4 | Adhesion G-protein coupled receptor G5 | ADGRG5 |
| Q98Z55  | Apoptosis inhibitor 5 | API5 |
| PB408S5 | ADP-ribosylation factor 5 | ARF5 |
| Q6ZN18  | Zinc finger protein AEBP2 | AEBP2 |
| P583S5  | Anthrax toxin receptor 2 | ANTXR2 |
| Q9H0F7  | ADP-ribosylation factor-like protein 6 | ARL6 |
| P29374  | AT-rich interactive domain-containing protein 4A | ARID4A |
| A8K4G0  | CMRF35-like molecule 7 | CD300LB |
| Q8WXX3  | Ankyrin repeat and SOCS box protein 13 | ASB13 |
| Q93084  | Sarcoplasmic/endoplasmic reticulum calcium ATPase 3 | ATP2A3 |
| Q9H4F9  | Actin-related protein 5 | ACTR5 |
| P5023   | Sodium/potassium-transporting ATPase subunit alpha-1 | ATP1A1 |
| Q16720  | Plasma membrane calcium-transporting ATPase 3 | ATP2B3 |
| Q6PL8   | ATPase family AAA domain-containing protein 2 | ATAD2 |
| P48201  | ATP synthase F | ATP5MC3 |
| P17735  | Tyrosine aminotransferase | TAT |
| Q99766  | ATP synthase subunit s, mitochondrial | DMAC2L |
| POC7T5  | Ataxin-1-like | ATXN1L |
| Q00501  | Claudin-5 | CLDN5 |
| Q8NB6   | Late secretory pathway protein AVL9 homolog | AVL9 |
| Q5T1B0  | Axonemal dynein light chain domain-containing protein 1 | AXDND1 |
| Q6E213  | Acyl-CoA wax alcohol acyltransferase 2 | AWAT2 |
| Q5V7T9  | Annexin A8-like protein 1 | ANXA8L1 |
| Q9Y2T1  | Axin-2 | AXIN2 |
| Q8TE60  | A disintegrin and metalloproteinase with thrombospondin motifs 18 | ADAMTS18 |
| P56385  | ATP synthase subunit e, mitochondrial | ATP5ME |
| Q6QNY1  | Biogenesis of lysosome-related organelles complex 1 subunit 2 | BLOC1S2 |
| Q13873  | Bone morphogenetic protein receptor type-2 | BMPR2 |
| Q8NFQ5  | BPI fold-containing family B member 6 | BPIF6 |
| Q8TDL5  | BPI fold-containing family B member 1 | BPIF1 |
| Q8N1L9  | Basic leucine zipper transcriptional factor ATF-like 2 | BATF2 |
| Q98UT1  | 3-hydroxybutyrate dehydrogenase type 2 | BDH2 |
| Q8NFU1  | Bestrophin-2 | BEST2 |
| Q5VU97  | VWFA and cache domain-containing protein 1 | CACHD1 |
| Q00306  | Voltage-dependent L-type calcium channel subunit beta-4 | CACNB4 |
| Q8N143  | B-cell CLL/lymphoma 6 member B protein | BCL6B |
| Q4VC05  | B-cell CLL/lymphoma 7 protein family member A | BCL7A |
| Q13634  | Cadherin-18 | CDH18 |
| P55291  | Cadherin-15 | CDH15 |
| Accession | Description | Protein Name |
|-----------|-------------|--------------|
| Q8IYL3    | UPF0688 protein C1orf174 | C1orf174     |
| Q08AD1    | Calmodulin-regulated spectrin-associated protein 2 | CAMSAP2 |
| Q96F63    | Coiled-coil domain-containing protein 97 | CCDC97 |
| Q9HW05    | Coiled-coil domain-containing protein 8 | CCDC8 |
| Q16204    | Coiled-coil domain-containing protein 6 | CCDC6 |
| Q8TD31    | Coiled-coil alpha-helical rod protein 1 | CCHCR1 |
| O14958    | Calsequestrin-2 | CASQ2 |
| Q8N922    | Coiled-coil domain-containing protein 71L | CCDC71L |
| P13236    | C-C motif chemokine 4 | CCL4 |
| Q94986    | Centrosomal protein of 152 kDa | CEP152 |
| Q5TEZ4    | Putative uncharacterized protein encoded by LINC01590 | LINC01590 |
| Q98Y43    | Charged multivesicular body protein 4a | CHMP4A |
| P53567    | CCAAT/enhancer-binding protein gamma | CEBPG |
| P08217    | Chymotrypsin-like elastase family member 2A | CELA2A |
| P30260    | Cell division cycle protein 27 homolog | CDC27 |
| Q9HCU0    | Endosyalin | CD248 |
| P26842    | CD27 antigen | CD27 |
| Q92903    | Phosphatidate cytidylyltransferase 1 | CPS1 |
| Q8N6G5    | Chondroitin sulfate N-acetylgalactosaminyltransferase 2 | CSAGNALNT2 |
| P42773    | Cyclin-dependent kinase 4 inhibitor C | CDKN2C |
| C9J302    | Uncharacterized protein C4orf51 | C4orf51 |
| A6NGY3    | Uncharacterized protein C5orf52 | C5orf52 |
| Q60308    | Centrosomal protein of 104 kDa | CEP104 |
| Q5T280    | Putative methyltransferase C9orf114 | SPOUT1 |
| Q6P047    | Uncharacterized protein C8orf74 | C8orf74 |
| A8MXV6    | CMT1A duplicated region transcript 15 protein-like protein | CDR15L2 |
| Q8N6U2    | Putative uncharacterized protein encoded by LINC00612 | LINC00612 |
| P08571    | Monocyte differentiation antigen CD14 | CD14 |
| Q9H3J6    | Probable peptide chain release factor C12orf65, mitochondrial | C12orf65 |
| Q96LP6    | Uncharacterized protein C12orf42 | C12orf42 |
| P32246    | C-C chemokine receptor type 1 | CCR1 |
| Q5QGZ9    | C-type lectin domain family 12 member A | CLEC12A |
| P02748    | Complement component C9 | C9 |
| Q8NAA6    | Putative uncharacterized protein encoded by LINC02694 | LINC02694 |
| Q8N999    | Uncharacterized protein C12orf29 | C12orf29 |
| A8K5M9    | Uncharacterized protein C15orf62, mitochondrial | C15orf62 |
| P16562    | Cysteine-rich secretory protein 2 | CRISP2 |
| Q8IUY3    | GRAM domain-containing protein 2A | GRAMD2A |
| Q58FF6    | Putative heat shock protein 90-beta 4 | HSP90AB4P |
| P09341    | Growth-regulated alpha protein | CXCL1 |
| Q8LCU2    | Keratin-associated protein 8-1 | KRTAP8-1 |
| Q9Y241    | HIG1 domain family member 1A, mitochondrial | HIGD1A |
| Q93099    | Homogentisate 1,2-dioxygenase | HGD |
| Q9HCC6    | Transcription factor HES-4 | HES4 |
| Accession | Description                                                                 | Gene Symbol |
|-----------|------------------------------------------------------------------------------|-------------|
| Q14469    | Transcription factor HES-1                                                   | HES1        |
| Q94806    | Putative uncharacterized protein encoded by HEXA-AS1                         | HEXA-AS1    |
| P17509    | Homeobox protein Hox-B6                                                      | HOXB6       |
| Q09826    | Homeobox protein Hox-B13                                                     | HOXB13      |
| P0A0A0UMS14 | Immunoglobulin heavy variable 1-45                                          | IGHV1-45    |
| P0DMV8    | Heat shock 70 kDa protein 1A                                                 | HSPA1A      |
| P19622    | Homeobox protein engrailed-2                                                | EN2         |
| Q9UC3     | Protein Hook homolog 1                                                      | HOOK1       |
| P26583    | High mobility group protein B2                                               | HMGB2       |
| B2RXH8    | Heterogeneous nuclear ribonucleoprotein C-like 2                            | HNRNPL2     |
| Q8IZJ0    | Interferon lambda-2                                                         | IFNL2       |
| O60573    | Eukaryotic translation initiation factor 4E type 2                           | EIF4E2      |
| P01871    | Immunoglobulin heavy constant mu                                            | IGHM        |
| Q9GZX6    | Interleukin-22                                                               | IL22        |
| Q969P0    | Immunoglobulin superfamily member 8                                         | IGSF8       |
| P22692    | Insulin-like growth factor-binding protein 4                                 | IGFBP4      |
| O60725    | Protein-S-isoprenylcysteine O-methyltransferase                              | ICMT        |
| Q9UPT6    | C-Jun-amino-terminal kinase-interacting protein 3                            | MAPK8IP3    |
| P13612    | Integrin alpha-4                                                            | ITGA4       |
| Q96I2J0   | E3 ubiquitin-protein ligase Itchy homolog                                    | ITCH        |
| P04259    | Keratin, type II cytoskeletal 6B                                             | KRT6B       |
| Q2LD37    | Transmembrane protein                                                        | KIAA1109    |
| Q8TEX9    | Importin-4                                                                   | IPO4        |
| P22459    | Potassium voltage-gated channel subfamily A member 4                         | KCNA4       |
| Q96CX2    | BTB/POZ domain-containing protein KCTD12                                     | KCTD12      |
| Q9BY66    | Lysine-specific demethylase 5D                                               | KDM5D       |
| Q3SYF9    | Keratin-associated protein 19-7                                              | KRTAP19-7   |
| P07195    | L-lactate dehydrogenase B chain                                             | LDHB        |
| Q96FV0    | Leucine-rich repeat-containing protein 46                                     | LLRC46      |
| Q8TCA0    | Leucine-rich repeat-containing protein 20                                     | LLRC20      |
| Q15048    | Leucine-rich repeat-containing protein 14                                     | LLRC14      |
| Q8N485    | Protein limb expression 1                                                    | LIX1        |
| Q86Y78    | Ly6/PLAUR domain-containing protein 6                                         | LYPD6       |
| Q8XXW0    | Lamin tail domain-containing protein 2                                       | LMNTD2      |
| Q99732    | Lipo polysaccharide-induced tumor necrosis factor-alpha factor                | LITAF       |
| Q6UB28    | Methionine aminopeptidase 1D, mitochondrial                                  | METAP1D     |
| P61968    | LIM domain transcription factor LMO4                                          | LMO4        |
| Q8IWU2    | Serine/threonine-protein kinase LMTK2                                         | LMTK2       |
| Q7Z434    | Mitochondrial antiviral-signaling protein                                     | MAVS        |
| C9JS3     | Meiosis initiator protein                                                    | MEIOSIN     |
| Q16655    | Melanoma antigen recognized by T-cells 1                                     | MLANA       |
| P41279    | Mitogen-activated protein kinase kinase 8                                    | MAP3K8      |
| Q96DS6    | Membrane-spanning 4-domains subfamily A member 6E                            | MS4A6E      |
| Accession | Gene Name                        | Protein Name                          |
|-----------|----------------------------------|---------------------------------------|
| Q9POL2    | Serine/threonine-protein kinase  | MARK1                                 |
| Q8NDY4    | Myelodysplastic syndrome 2       | MDS2                                  |
| Q86UE6    | Leucine-rich repeat transmembrane neuronal protein 1 | LRRM1                       |
| Q9GJY0    | Protein maelstrom homolog        | MAEL                                  |
| A6NZ7J8   | 12S rRNA N4-methylcytidine       | METTL15                                |
| Q9BXW4    | Microtubule-associated proteins 1A/1B light chain 3C | MAP1LC3C                  |
| Q8NAP3    | Guanosine-3',5'-bis              | HDDC3                                 |
| Q6NVV0    | Putative makorin-5               | MKNR9P                                |
| Q81CB7    | rRNA N                           | METTL6                                |
| L0R8F8    | MIEF1 upstream open reading frame protein | MIEF1                   |
| Q8NCR3    | Protein MFI                       | MFI                                   |
| Q504T8    | Midnolin                          | MIDN                                  |
| Q5U5Q5    | RNA-binding E3 ubiquitin-protein ligase MEX3C | MEX3C                   |
| Q96T85    | Mx2-interacting protein 3-like   | MFAP3L                                |
| O75121    | Microfibrillar-associated protein | M6PR                                   |
| P20645    | Cation-dependent mannose-6-phosphate receptor | M6PR                  |
| Q95297    | Myelin protein zero-like protein 1 | MPZL1                                |
| Q96LB0    | Mas-related G-protein coupled receptor member X3 | MRGPRX3                   |
| Q13735    | Monocarboxylate transporter 6     | SLC16A5                                |
| Q8IH9     | MAX gene-associated protein       | MGA                                   |
| Q15941    | Mucin-1                           | MUC1                                  |
| Q43312    | Protein MTSS1                     | MTSS1                                 |
| Q2M296    | Microtubule-associated synthase domain-containing protein | MTHFSD                     |
| Q13505    | Metaxin-1                         | MTX1                                  |
| A0A0U1RRE5| Negative regulator of P-body association | NBDY                          |
| Q8IZF0    | Sodium leak channel non-selective protein | NALCN                        |
| Q6NZ67    | Mitotic-spindle organizing protein 2B | MZT2B                           |
| B0J1T2    | Unconventional myosin-Ig         | MYO1G                                 |
| Q14324    | Myosin-binding protein C, fast-type | MYBPC2                   |
| P0CAP1    | Myocardial zonula adherens protein | MYZAP                          |
| Q86YV6    | Myosin light chain kinase family member 4 | MYLK4                                 |
| Q17RQ9    | NTase KAP family P-loop domain-containing protein 1 | NKP3D                   |
| P01185    | Vasopressin-neurophysin 2-copeptin | AVP                              |
| Q86Y39    | NADH dehydrogenase                | NDUFA11                               |
| Q8NG66    | Serine/threonine-protein kinase Nek11 | NEK11                   |
| Q9GZP1    | Neurensin-2                        | NRSN2                                 |
| Q9BS7    | Cancer-related nucleoside-triphosphatase | NTPCR                   |
| Q7Z456    | Kinesin-like protein KIF21A       | KIF21A                                |
| Q52LG2    | Keratin-associated protein 13-2   | KRTAP13-2                             |
| P29622    | Kallistatin                        | SERPINA4                              |
| Q86UK5    | Limbin                            | EVC2                                  |
| Q5TP3     | Late cornified envelope protein 1B | LCE1B                               |
| O95970    | Leucine-rich glioma-inactivated protein 1 | LGI1                  |
| Q569H4    | Protein Largen                     | PRR16                                 |
| Q8N6Y2    | Leucine-rich repeat-containing protein 17 | LRRCC17                      |
| Accession | Description                                                                 | PDB Code |
|-----------|-----------------------------------------------------------------------------|----------|
| Q96QE4    | Leucine-rich repeat-containing protein 37B                                  |          |
| Q9HCJ2    | Leucine-rich repeat-containing protein 4C                                   |          |
| Q6PJG9    | Leucine-rich repeat and fibronectin type-III domain-containing protein 4    |          |
| Q5JTD7    | Leucine-rich repeat-containing protein 73                                   |          |
| Q9NQ29    | Putative RNA-binding protein Luc7-like 1                                   |          |
| P16581    | E-selectin                                                                  | SELE     |
| P33241    | Lymphocyte-specific protein 1                                               | LSP1     |
| Q16706    | Alpha-mannosidase 2                                                         | MAN2A1   |
| P53582    | Methionine aminopeptidase 1                                                 | METAP1   |
| O60476    | Mannosyl-oligosaccharide 1,2-alpha-mannosidase IB                            | MAN1A2   |
| Q6ZRO5    | Protein MMS22-like                                                          | MMS22L   |
| Q15473    | MutS protein homolog 4                                                       | MSH4     |
| Q10713    | Mitochondrial-processing peptidase subunit alpha                            | PMPCA    |
| Q98VF5    | 2-acylglycerol O-acyltransferase 3                                           | MOGAT3   |
| A0A3B3IT52| Putative uncharacterized protein MSAN TED5                                   |          |
| Q99583    | Max-binding protein MNT                                                     | MNT      |
| P0C860    | Putative male-specific lethal-3 protein-like 2                              | MSL3P1   |
| Q86SM5    | Mas-related G-protein coupled receptor member G                             | MRGPRG   |
| Q9NZJ7    | Mitochondrial carrier homolog 1                                             | MTC1     |
| Q9ULD2    | Mitochondrial-associated tumor suppressor 1                                 | MTUS1    |
| Q9Y4B5    | Microtubule cross-linking factor 1                                           | MTCL1    |
| Q6NSW7    | Homeobox protein NANOGP8                                                    | NANO GP8 |
| Q9BTE0    | N-acetyltransferase 9                                                       | NAT9     |
| P41271    | Neuroblastoma suppressor of tumorigenicity 1                                | NBL1     |
| P10243    | Myb-related protein A                                                        | MYBL1    |
| Q9Y6C9    | Mitochondrial carrier homolog 2                                             | MTC2     |
| Q9H1M0    | Nucleoporin-62 C-terminal-like protein                                       | NUP62CL  |
| P50539    | Max-interacting protein 1                                                   | MX1      |
| Q13506    | NGFI-A-binding protein 1                                                     | NAB1     |
| P23409    | Myogenic factor 6                                                           | MYF6     |
| Q96UY6    | N-alpha-acetyltransferase 40                                                 | NAA40    |
| Q8WX92    | Negative elongation factor B                                                | NELFB    |
| A0A5F9ZHS7| NFIL3 like protein                                                          | NFILZ    |
| P08651    | Nuclear factor 1 C-type                                                     | NFIC     |
| Q00604    | Norrin                                                                      | NDP      |
| Q504Y2    | Extracellular tyrosine-protein kinase PKDCC                                 | PKDCC    |
| Q9NTG1    | Polycystic kidney disease and receptor for egg jelly-related protein         | PKDREJ   |
| Q16649    | Nuclear factor interleukin-3-regulated protein                              | NFIL3    |
| P36873    | Serine/threonine-protein phosphatase PP1-gamma catalytic subunit             | PPP1CC   |
| Q9NNW9    | Phospholipase A and acyltransferase 2                                        | PLAA T2  |
| A8MXV4    | Nucleoside diphosphate-linked moiety X motif 19                             | NUDT19   |
| Q96EP9    | Sodium/bile acid cotransporter 4                                            | SLC10A4  |
| Q96RS6    | NudC domain-containing protein 1                                            | NUDC D1  |
| Q9NNW6    | Nicotinamide riboside kinase 1                                              | NMRRK1   |
| Q9Y212    | Netrin-G1                                                                   | NTNG1    |
| Gene ID   | Protein Name                          | Function                                                                 |
|----------|---------------------------------------|--------------------------------------------------------------------------|
| Q6X4W1   | NUAK family SNF1-like kinase 1        | NUAK1                                                                   |
| Q8NG86   | Olfactory receptor 4M2                | OR4M2                                                                   |
| Q8NGS2   | Olfactory receptor 1J2                | OR1J2                                                                   |
| Q8NH50   | Olfactory receptor 8K5                | OR8K5                                                                   |
| P0CE72   | Oncomodulin-1                         | OCM                                                                     |
| A6NMU1   | Olfactory receptor 52A4               | OR52A4P                                                                 |
| Q969Q6   | Serine/threonine-protein phosphatase 2A regulatory subunit B'' subunit gamma | PPP2R3C                                                                 |
| Q9H339   | Olfactory receptor 51B5               | OR51B5                                                                  |
| Q8NGS8   | Olfactory receptor 13C5               | OR13C5                                                                  |
| Q8NGS8   | Olfactory receptor 51S1               | OR51S1                                                                  |
| Q6IFG1   | Olfactory receptor 52E8               | OR52E8                                                                  |
| Q8NGP9   | Olfactory receptor 5AR1               | OR5AR1                                                                  |
| Q8NGQ4   | Olfactory receptor 10Q1               | OR10Q1                                                                  |
| Q8N127   | Olfactory receptor 11A1               | OR11A1                                                                  |
| O14832   | Phytanoyl-CoA dioxygenase, peroxisomal | PHYH                                                                   |
| Q9B52    | Serine/threonine-protein phosphatase 2A activator | PTPA                                                                   |
| Q000408  | eGMP-dependent 3',5'-cyclic phosphodiesterase | PDE2A                                                                  |
| Q56P42   | Pyrin domain-containing protein 2     | PYDC2                                                                  |
| Q8NH6    | Putative olfactory receptor 52L2      | OR52L2P                                                                 |
| Q8NC3    | Phospholipase A2 group XV             | PLA2G15                                                                 |
| P40426   | Pre-B-cell leukemia transcription factor 3 | PBX3                                                                   |
| Q15366   | Poly                                  | PCBP2                                                                   |
| P25116   | Proteinase-activated receptor 1        | F2R                                                                     |
| O14832   | Phytanoyl-CoA dioxygenase, peroxisomal | PHYH                                                                   |
| Q9B52    | Group IIIF secretory phospholipase A2  | PLA2G2F                                                                 |
| Q9Y564   | Protocadherin beta-5                  | PCDHB5                                                                 |
| Q9U75    | Protocadherin alpha-12                | PCDHA12                                                                 |
| Q6KB66   | Keratin, type II cytoskeletal 80      | KRT80                                                                   |
| P46013   | Proliferation marker protein Ki-67    | MKK67                                                                   |
| Q9NQT8   | Kinesin-like protein KIF13B           | KIF13B                                                                  |
| Q96574   | Potassium channel subfamily K member 17 | KCNK17                                                                 |
| Q98Y9P8  | Keratin-associated protein 17-1       | KRTAP17-1                                                               |
| P60411   | Keratin-associated protein 10-9       | KRTAP10-9                                                               |
| Q9H521   | Small conductance calcium-activated potassium channel protein 2 | KCNN2                                                                 |
| Q8N52    | Keratin-associated protein 21-2       | KRTAP21-2                                                               |
| P32776   | Kell blood group glycoprotein         | KEL                                                                     |
| O13887   | Krueppel-like factor 5                | KLF5                                                                    |
| O60303   | Katanin-interacting protein           | KATNIP                                                                  |
| Q8NBZ4   | Histone-lysine N-methyltransferase 2C | KMT2C                                                                   |
| P6732    | Creatine kinase M-type                | CKM                                                                     |
| P42167   | Lamina-associated polypeptide 2, isoforms beta/gamma | TMPO                                                                   |
| Q5T753   | Late cornified envelope protein 1E    | LCE1E                                                                   |
| Q9BRS8   | La-related protein 6                  | LARP6                                                                   |
| Q5T754   | Late cornified envelope protein 1F    | LCE1F                                                                   |
| O05C16   | Leucine-rich repeat-containing protein 63 | LRRGC63                                                                |
| Q8ND94   | LRNR4 C-terminal-like protein         | LRNR4CL                                                                 |
| Q8ND66   | Protein LSm14 homolog A               | LSM14A                                                                  |
| Q8N330   | Liprin-beta-2                         | PPP1B2                                                                  |
| Q9N5U5   | LM and cysteine-rich domains protein 1 | LMCD1                                                                   |
| Accession | Description |
|-----------|-------------|
| Q68DH5   | G-protein coupled receptor-associated protein LMBRD2 |
| Q98UE0   | Mediator of RNA polymerase II transcription subunit 1B |
| Q699B6   | MEK-associated protein MEAK7 |
| Q9TV53   | Melanoma-associated antigen D1 |
| O00187   | Mannan-binding lectin serine protease 2 |
| O95243   | Methyl-CpG-binding domain protein 4 |
| Q0VG99   | Mesoderm posterior protein 2 |
| Q98UU2   | Methyltransferase-like protein 22 |
| P55082   | Microfibril-associated glycoprotein 3 |
| O95396   | Adenyltransferase and sulfotransferase MOCS3 |
| Q16653   | Myelin-oligodendrocyte glycoprotein |
| Q9Y5U8   | Mitochondrial-oligodendrocyte carrier 1 |
| O15403   | Monocarboxylate transporter 7 |
| P98088   | Mucin-5AC |
| Q6IQ20   | N-acyl-phosphatidylethanolamine-hydrolyzing phospholipase D |
| Q9Y303   | N-acetylgalactosamine-6-phosphate deacylase |
| Q8W4X94  | NACH, LRR and PYD domains-containing protein 7 |
| Q99417   | c-Myc-binding protein |
| Q92802   | NEDD4-binding protein 2-like 2 |
| Q9UH01   | Nuclear prelamin A recognition factor |
| P53602   | Diphosphoethanolamine decarboxylase |
| Q6NO99   | N-alpha-acetyltransferase 16, NatA auxiliary subunit |
| P35580   | Myosin-10 |
| O43639   | Cytoplasmic protein NCK2 |
| Q8ET75   | Neuroblastoma breakpoint family member 11 |
| O00217   | NADH dehydrogenase |
| Q899Q59  | Magnesium transporter NIPA2 |
| Q99UT56  | NLR family member X1 |
| Q95096   | Homeobox protein Nkx-2.2 |
| P30414   | NK-tumor recognition protein |
| P01139   | Beta-nerve growth factor |
| O00624   | Sodium-dependent phosphate transport protein 3 |
| P0894A9  | Neuromedin-B |
| Q43795   | Unconventional myosin-Ib |
| Q6LJ52   | Protein arginine methyltransferase NDUFAF7, mitochondrial |
| O95288   | NADH dehydrogenase |
| Q43677   | NADH dehydrogenase |
| P07136   | Neurofilament light polypeptide |
| P55055   | Oxysterols receptor LXR-beta |
| A11188   | NADH dehydrogenase |
| Q9Y466   | Nuclear receptor subfamily 2 group E member 1 |
| Q98ZE4   | Nucleolar GTP-binding protein 1 |
| P0CG21   | NHL-repeat-containing protein 4 |
| Q12857   | Nuclear factor 1 A-type |
| O00712   | Nuclear factor 1 B-type |
| Q9H1E3   | Nuclear ubiquitous casein and cyclin-dependent kinase substrate 1 |
| P0998G   | Neurotensin receptor type 1 |
| Q9P2S2   | Neurexin-2 |
| P58401   | Neurexin-2-beta |
| Q9GAT1   | Uncharacterized protein KIAA1143 |
| Protein Accession | Description                                      | Ensembl ID |
|-------------------|--------------------------------------------------|------------|
| O43187            | Interleukin-1 receptor-associated kinase-like 2  | IRAK2      |
| Q7Z794            | Keratin, type II cytoskeletal 1b                 | KRT77      |
| Q4VXA5            | KH homology domain-containing protein 1          | KHD1C      |
| P38484            | Interferon gamma receptor 2                     | IFNGR2     |
| Q9Y6J6            | Potassium voltage-gated channel subfamily E member 2 | KCNE2    |
| Q2M225            | Centrosomal protein kizuna                      | KIZ        |
| Q9UKQ9            | Kalikrein-9                                      | KLK9       |
| Q9H079            | KATNB1-like protein 1                            | KATNB1L1   |
| P01619            | Immunoglobulin kappa variable 3-20              | IGKV3-20   |
| P50748            | Kinetochoore-associated protein 1                | KNTC1      |
| Q6ISS4            | Leukocyte-associated immunoglobulin-like receptor 2 | LAIR2   |
| P18627            | Lymphocyte activation gene 3 protein             | LAG3       |
| Q9H6V9            | Lipid droplet-associated hydrolase               | LDASH      |
| P15018            | Leukemia inhibitory factor                       | LIF        |
| Q8WWC0            | RNA polymerase-associated protein LEO1           | LEO1       |
| O60711            | Leupaxin                                         | LPXN       |
| Q5T333            | Ligand-dependent nuclear receptor-interacting factor 1 | LRIF1  |
| Q5YYY2            | Lipase member M                                 | LIPM       |
| Q94772            | Lymphocyte antigen 6H                           | LY6H       |
| Q5VX0             | Lipase member K                                 | LIPK       |
| Q17RR3            | Pancreatic lipase-related protein 3              | PNLIPRP3   |
| P01715            | Immunoglobulin lambda variable 3-1              | IGLV3-1    |
| A0A075B6K2        | Immunoglobulin lambda variable 3-12             | IGLV3-12   |
| P46821            | Microtubule-associated protein MAP1B             | MAP1B      |
| Q06413            | Myocyte-specific enhancer factor 2C             | MEF2C      |
| Q14680            | Maternal embryonic leucine zipper kinase         | MELK       |
| Q12852            | Mitogen-activated protein kinase kinase 12       | MAP3K12    |
| Q15691            | Microtubule-associated protein RP/EB family member 1 | MAPRE1  |
| Q96923            | Mitochondrial amidoxime reducing component 2     | MTARC2     |
| Q15528            | Mediator of RNA polymerase II transcription subunit 22 | MED22  |
| Q9NQG1            | Protein MANBAL                                   | MANBAL     |
| Q9P2E8            | E3 ubiquitin-protein ligase MARCHF4              | MARCHF4    |
| Q9ULK4            | Mediator of RNA polymerase II transcription subunit 23 | MED23  |
| Q68D91            | Metallo-beta-lactamase domain-containing protein 2 | MBLAC2  |
| Q8IZK6            | Mucolipin-2                                     | MCOLN2     |
| Q9Y4K4            | Mitogen-activated protein kinase kinase kinase 5 | MAP4K5     |
| Q96DN6            | Methyl-CpG-binding domain protein 6              | MBD6       |
| Q5JXC2            | Migration and invasion-inhibitory protein        | MIIP       |
| Q9ULZ9            | Matrix metalloproteinase-17                     | MMP17      |
| Q00266            | S-adenosylmethionine synthase isoform type-1     | MAT1A      |
| Q7RTX9            | Monocarboxylate transporter 14                   | SLC16A14   |
| Q14432            | cGMP-inhibited 3',5'-cyclic phosphodiesterase A  | PDE3A      |
| P04731            | Metallothionein-1A                              | MT1A       |
| Q02505            | Mucin-3A                                        | MUC3A      |
| Accession | Description                                                                 | Symbol |
|-----------|-----------------------------------------------------------------------------|--------|
| Q9NR99    | Matrix-remodeling-associated protein 5                                       | MXRA5  |
| Q00872    | Myosin-binding protein C, slow-type                                           | MYBPC1 |
| Q13402    | Unconventional myosin-Villa                                                  | MYO7A  |
| Q15596    | Nuclear receptor coactivator 2                                               | NCOA2  |
| P60660    | Myosin light polypeptide 6                                                  | MYL6   |
| Q92982    | Ninjurin-1                                                                  | NINJ1  |
| Q62U71    | Uncharacterized protein NKAPD1                                               | NKAPD1 |
| Q99801    | Homeobox protein Nkx-3.1                                                     | NXX3-1 |
| Q6KC79    | Nipped-B-like protein                                                        | NIPBL  |
| Q9U8E8    | Serine/threonine-protein kinase NLK                                          | NLK    |
| Q92692    | Nectin-2                                                                    | NECTIN2|
| Q95502    | Neuronal pentraxin receptor                                                  | NPTXR  |
| Q19223    | Nectin-1                                                                    | NECTIN1|
| O60827    | Nucleolar pre-ribosomal-associated protein 1                                | URB1   |
| Q95168    | NADH dehydrogenase                                                          | NDUFB4 |
| Q9H7X0    | N-alpha-acetyltransferase 60                                                 | NAA60  |
| Q9NV92    | NEDD4 family-interacting protein 2                                          | NDFIP2 |
| P49146    | Neuropeptide Y receptor type 2                                               | NPY2R  |
| Q8IXF0    | Neuronal PAS domain-containing protein 3                                     | NPAS3  |
| Q8N729    | Neuropeptide W                                                               | NPW    |
| Q43920    | NADH dehydrogenase                                                          | NDUFS5 |
| Q14994    | Nuclear receptor subfamily 1 group I member 3                                | NR1I3  |
| Q9Y5X4    | Photoreceptor-specific nuclear receptor                                      | NR2E3  |
| Q9Y239    | Nucleotide-binding oligomerization domain-containing protein 1              | NOD1   |
| Q8WUJ1    | Neufercin                                                                   | CYB5D2 |
| Q53H76    | Phospholipase A1 member A                                                    | PLA1A  |
| P14923    | Junction plakoglobin                                                        | JUP    |
| Q96I34    | Protein phosphatase 1 regulatory subunit 16A                                 | PPP1R16A|
| P48736    | Phosphatidylinositol 4,5-bisphosphate 3-kinase catalytic subunit gamma isoform | PIK3CG |
| Q5JT6     | Placenta-specific protein 9                                                  | PLAC9  |
| Q9NXH3    | Protein phosphatase 1 regulatory subunit 14D                                 | PPP1R14D|
| Q6DIT9    | Zinc finger protein PLAG1                                                    | PLAG1  |
| Q9Y263    | Phospholipase A-2-activating protein                                          | PLA2A  |
| Q13018    | Secretory phospholipase A2 receptor                                          | PLA2R1 |
| P98161    | Polycystin-1                                                                | PKD1   |
| E9PKD4    | Nuclear pore complex-interacting protein family member A5                   | NPIPA5 |
| E9PJ15    | Nuclear pore complex-interacting protein family member A7                   | NPIPA7 |
| P0DM63    | Nuclear pore complex-interacting protein family member A8                   | NPIPA8 |
| Q8TB73    | Protein NDNF                                                                | NDNF   |
| Q8WTR8    | Netrin-5                                                                    | NTN5   |
| Q6ZWH5    | Serine/threonine-protein kinase Nek10                                         | NEK10  |
| Q12968    | Nuclear factor of activated T-cells, cytoplasmic 3                           | NFATC3 |
| P80303    | Nucleobindin-2                                                              | NUCB2  |
| Q96Y1     | Kinetochoore-associated protein NSL1 homolog                                | NSL1   |
| Q9Y693    | LHFPL tetraspan subfamily member 6 protein                                  | LHFPL6 |
| Accession | Description | Gene Name |
|-----------|-------------|-----------|
| O60309 | Leucine-rich repeat-containing protein 37A3 | LRRC37A3 |
| Q6UY18 | Leucine-rich repeat and immunoglobulin-like domain-containing nogo receptor-interacting protein 4 | LINGO4 |
| Q6T752 | Late cornified envelope protein | LCE1D |
| P36776 | Lon protease homolog, mitochondrial | LONP1 |
| Q6UY01 | Leucine-rich repeat-containing protein 31 | LRRC31 |
| P16050 | Polyunsaturated fatty acid lipoygenase ALOX15 | ALOX15 |
| A6NCL2 | Leucine-rich colipase-like protein 1 | LRRCOL1 |
| Q98TN0 | Leucine-rich repeat and fibronectin type-III domain-containing protein 3 | LRFN3 |
| O43300 | Leucine-rich repeat transmembrane neuronal protein 2 | LRRTM2 |
| Q92633 | Lyso phosphatidic acid receptor 1 | LPAR1 |
| Q9468 | Lethal | L3MBTL1 |
| Q5SQ64 | Lymphocyte antigen 6 complex locus protein G6f | LY6G6F |
| Q9NUN5 | Lysosomal cobalamin transport escort protein LMBD1 | LMBRD1 |
| Q53820 | Leucine zipper protein 6 | LUZP6 |
| A0A0B4J1U3 | Immunoglobulin lambda variable 1-36 | IGLV1-36 |
| Q5T7N2 | LINE-1 type transposase domain-containing protein 1 | L1TD1 |
| Q8N8F7 | Leucine-rich single-pass membrane protein 1 | LSMEM1 |
| P21941 | Cartilage matrix protein | MATN1 |
| Q9H1U4 | Multiple epidermal growth factor-like domains protein 9 | MEGF9 |
| Q9BQ69 | ADP-ribose glycohydrolase MACROD1 | MACROD1 |
| Q9NX70 | Mediator of RNA polymerase II transcription subunit 29 | MED29 |
| Q6P2C8 | Mediator of RNA polymerase II transcription subunit 27 | MED27 |
| Q6ZNQ3 | Leucine-rich repeat-containing protein 69 | LRRC69 |
| A0A1B0GVS7 | MyoD family inhibitor domain-containing protein 2 | MDFIC2 |
| Q9P1T7 | MyoD family inhibitor domain-containing protein | MDFIC |
| A6NHS7 | MANSC domain-containing protein 4 | MANSC4 |
| Q9BS5K | MARVEL domain-containing protein 1 | MARVELD1 |
| O60675 | Transcription factor MafK | MAFK |
| Q6UWQ5 | Lysozyme-like protein 1 | LYZL1 |
| P43585 | Melanoma-associated antigen 12 | MAGEA12 |
| Q02978 | Mitochondrial 2-oxoglutarate/malate carrier protein | SLC25A11 |
| Q96LZ2 | Melanoma-associated antigen B10 | MAGEB10 |
| A2A368 | Melanoma-associated antigen B16 | MAGEB16 |
| P31153 | S-adenosylmethionine synthase isoform type-2 | MAT2A |
| P61626 | Lysozyme C | LYZ |
| P55083 | Microfibril-associated glycoprotein 4 | MFAP4 |
| Q9H8L6 | Multimerin-2 | MMRN2 |
| Accession   | Description                                                                 |
|------------|----------------------------------------------------------------------------|
| P09237     | Matrilysin                                                                 |
| Q9H3U5     | Major facilitator superfamily domain-containing protein 1                   |
| Q62W33     | MICAL C-terminal–like protein                                              |
| Q86XN8     | RNA–binding protein MEX3D                                                   |
| Q13368     | MAGUK p55 subfamily member 3                                               |
| Q9HD47     | Ran guanine nucleotide release factor                                       |
| Q9UBU8     | Mortality factor 4-like protein 1                                           |
| Q69DK7     | Male-specific lethal 1 homolog                                             |
| Q8NF9      | Neurobeachin                                                               |
| Q15784     | Neurogenic differentiation factor                                           |
| Q86UW6     | NEDD4-binding protein 2                                                    |
| Q6PD0      | PABIR family member 1                                                      |
| Q8N699     | Myc target protein 1                                                        |
| Q6UO5      | Unconventional myosin–XVIIIb                                               |
| Q5SF19     | Nuclear cap–binding protein subunit 3                                      |
| Q60237     | Protein phosphatase 1 regulatory subunit 12B                                |
| P25189     | Myelin protein P0                                                          |
| Q5VWK0     | Neuroblastoma breakpoint family member 6                                   |
| B2RTY4     | Unconventional myosin–IXa                                                  |
| P13533     | Myosin–6                                                                   |
| P05976     | Myosin light chain 1/3, skeletal muscle isoform                            |
| O75376     | Nuclear receptor corepressor 1                                             |
| Q9Y221     | 60S ribosome subunit biogenesis protein NIP7 homolog                       |
| P23511     | Nuclear transcription factor Y subunit alpha                                |
| Q12879     | Glutamate receptor ionotropic, NMDA 2A                                      |
| P30419     | Glycophosphatidylinositol–tetratetradecanoyltransferase 1                  |
| Q8NBZ9     | Putative uncharacterized protein NEXN–AS1                                  |
| Q969G9     | Protein naked cuticle homolog 1                                             |
| Q75438     | NADH dehydrogenase                                                         |
| Q9ULW6     | Nucleosome assembly protein 1-like 2                                        |
| O5JPE7     | Nodal modulator 2                                                          |
| P14543     | Nidogen–1                                                                  |
| Q9UM50     | NFU1 iron–sulfur cluster scaffold homolog, mitochondrial                   |
| Q99466     | Neurogenic locus notch homolog protein 4                                   |
| Q96PB7     | Noelin–3                                                                   |
| Q02297     | Pro–neuregulin–1, membrane-bound isoform                                    |
| Q9NPD7     | Neurin                                                                      |
| Q8NGX8     | Olfactory receptor 6Y1                                                     |
| P35658     | Nuclear pore complex protein Nup214                                        |
| P11777     | Pyruvate dehydrogenase E1 component subunit beta, mitochondrial            |
| P47893     | Olfactory receptor 3A2                                                     |
| Q8TAK6     | Oligodendrocyte transcription factor 1                                      |
| Q9BZK8     | Ovarian cancer–related protein 1                                           |
| Q8TAX0     | Protein odd-skipped–related 1                                              |
| Q8NH95     | Putative olfactory receptor 5AK3                                            |
| A6NM76     | Olfactory receptor 6C76                                                    |
| Q8NH92     | Olfactory receptor 2T29                                                    |
| Q9K446     | Olfactory receptor 52D1                                                    |
| Q6IF36     | Putative olfactory receptor 8G2                                             |
| Q0C645     | Olfactory receptor 52Z1                                                    |
| Q9NWU1     | 3–oxoacyl–OXSM                                                             |
| Gene ID    | Protein Name                                                                 |
|-----------|-----------------------------------------------------------------------------|
| Q8I2E3    | Protein-associating with the carboxyl-terminal domain of ezrin               |
| A6ND89    | Paralemmin-3                                                                |
| Q6VY07    | Phosphofurin acidic cluster sorting protein 1                               |
| Q6Q245    | Protocadherin-7                                                             |
| Q8EXP0    | Cytosolic phospholipase A2 delta                                            |
| Q8NGK3    | Olfactory receptor 52K2                                                      |
| Q975F6    | Protocadherin gamma-C5                                                      |
| Q9HR30    | Lysine-specific demethylase 4C                                               |
| P29375    | Lysine-specific demethylase 5A                                               |
| Q3LHN0    | Keratin-associated protein 25-1                                              |
| P22694    | cAMP-dependent protein kinase catalytic subunit beta                         |
| Q8NG31    | Kinetochore scaffold 1                                                      |
| O6A0C4DH  | Immunoglobulin kappa variable 3D-20                                         |
| Q18363    | Laminin subunit alpha-4                                                     |
| Q14633    | Late comfined envelope protein 2B                                            |
| Q5T751    | Late comfined envelope protein 1C                                             |
| Q75335    | Liprin-alpha-4                                                              |
| P07864    | L-lactate dehydrogenase C chain                                             |
| Q9BYZ2    | L-lactate dehydrogenase A-like 6B                                           |
| P0CW19    | LIM and senescent cell antigen-like-containing domain protein 3             |
| A6NIK2    | Leucine-rich repeat-containing protein 10B                                   |
| P51884    | Lumican                                                                     |
| Q17RY6    | Lymphocyte antigen 6K                                                       |
| Q9BU23    | Lipase maturation factor 2                                                  |
| Q6UX82    | Ly6/PLAUR domain-containing protein 8                                       |
| Q6UX53    | Methyltransferase-like protein 7B                                           |
| Q9H000    | Probable E3 ubiquitin-protein ligase makorin-2                              |
| P31152    | Mitogen-activated protein kinase 4                                          |
| Q8IYU8    | Calcium uptake protein 2, mitochondrial                                     |
| Q8N594    | MPN domain-containing protein                                                |
| P5S061    | Microfibrilar-associated protein 2                                           |
| Q96B8     | MAGUK p55 subfamily member 4                                                 |
| Q96G30    | Melanocortin-2 receptor accessory protein 2                                 |
| Q5IN84    | rRNA methyltransferase 1, mitochondrial                                     |
| P30307    | M-phase inducer phosphatase 3                                               |
| Q44349    | Protein CBFA2T2                                                             |
| Q9UBK8    | Methionine synthase reductase                                                |
| Q96BF6    | Nucleus accumbs-associated protein 2                                         |
| Q9UJ70    | N-acetyl-D-glucosamine kinase                                                |
| P35749    | Myosin-11                                                                   |
| P12883    | Myosin-7                                                                    |
| P13591    | Neural cell adhesion molecule 1                                              |
| Q15394    | Neural cell adhesion molecule 2                                              |
| Q96P20    | NACHT, LRR and PYD domains-containing protein 3                              |
| A6NC54    | Homeobox protein Nkx-2.6                                                    |
| Q16617    | Protein NKG7                                                                 |
| Q8N5V2    | Ephexin-1                                                                   |
| O60391    | Glutamate receptor ionotropic, NMDA 3B                                       |
| Q8NF24    | Neurogin-2                                                                  |
| Q96PH1    | NADPH oxidase 5                                                              |
| Q86X76    | Deaminated glutathione amidase                                              |
| Q15522    | Homeobox protein Nkx-2.8                                                    |
| Q13287    | N-myc-interactor                                                             |
| Accession | Description                                      | Protein Name |
|-----------|--------------------------------------------------|--------------|
| Q14916    | Sodium-dependent phosphate transport protein 1   | SLC17A1      |
| Q86UT5    | Na                                               | PDZD3        |
| Q5TEU4    | Arginine-hydroxylase NDUFAF5, mitochondrial      | NDUFAF5      |
| Q14978    | Nucleolar and coiled-body phosphoprotein 1       | NOLC1        |
| Q9UGY1    | Nucleolar protein 12                             | NOL12        |
| Q86XR2    | Protein Niban 3                                  | NIBAN3       |
| Q5C9Z4    | Nucleolar MIF4G domain-containing protein 1      | NOM1         |
| Q98SH3    | Nicolin-1                                        | NICN1        |
| Q13133    | Oxyysterols receptor LXR-alpha                   | NRIH3        |
| Q8NET5    | NFAT activation molecule 1                       | NFAM1        |
| Q723B1    | Neuronal growth regulator 1                      | NEGR1        |
| C9JG80    | Nuclear pore complex-interacting protein family member B4 | NPIPBP4 |
| O43678    | NADH dehydrogenase                               | NDUFA2       |
| Q86SG6    | Serine/threonine-protein kinase Nek8             | NEK8         |
| Q8TDX7    | Serine/threonine-protein kinase Nek7             | NEK7         |
| Q5PT55    | Sodium/bile acid cotransporter 5                 | SLC10A5      |
| Q9HOG5    | Nuclear speckle splicing regulatory protein 1     | NSRP1        |
| Q8NGQ2    | Olfactory receptor 6Q1                           | OR6Q1        |
| O00330    | Pyruvate dehydrogenase protein X component, mitochondrial | PDHX |
| Q8NGL1    | Olfactory receptor 5D18                          | OR5D18       |
| Q8NGL7    | Olfactory receptor 4P4                           | OR4P4        |
| Q9H1P3    | Oysterol-binding protein-related protein 2       | OSBPL2       |
| Q8N7R1    | POM21-like protein 12                            | POM121L1     |
| Q58A45    | PANZ-PAN3 deadenylation complex subunit PAN3     | PAN3         |
| Q9Y5G4    | Protocadherin gamma-A9                           | PCDHG9A9     |
| I0062     | Proapoptotic nucleolar protein 1                 | PANO1        |
| Q9BZA8    | Protocadherin-11 Y-linked                        | PCDH11Y      |
| Q9H361    | Polyadenylate-binding protein 3                  | PABPC3       |
| Q98YU1    | Pre-B-cell leukemia transcription factor 4        | PBX4         |
| Q9Y5J2    | Protocadherin alpha-10                          | PCDHA10      |
| P14555    | Phospholipase A2, membrane associated             | PLA2G2A      |
| P52945    | Pancreas/duodenum homeobox protein 1             | PDX1         |
| Q9Y5J0    | Protocadherin alpha-13                           | PCDHA13      |
| Q9Y5F3    | Protocadherin beta-1                             | PCDHB1       |
| P51582    | P2Y purinoceptor 4                               | P2RY4        |
| Q96Z0     | PRKC apoptosis WT1 regulator protein              | PAWR         |
| A6NKB5    | Pecanex-like protein 2                           | PCNX2        |
| Q86VZ1    | P2Y purinoceptor 8                               | P2RY8        |
| O75747    | Phosphatidylinositol 4-phosphate 3-kinase C2 domain-containing subunit gamma | PIK3C2G |
| Q9Y5K3    | Choline-phosphate cytidylyltransferase B         | PCYT1B       |
| Q9Y6V0    | Protein piccolo                                  | PCLO         |
| Q8VIL5    | Prolyl 3-hydroxylase 3                           | P3H3         |
| Q15118    | PDK1                                             | PDK1         |
| Q9HC13    | Ribonucleoprotein PTB-binding 2                  | RAVER2       |
| Q9NZQ7    | Programmed cell death 1 ligand 1                 | CD274        |
| Q99616    | Interleukin-1 receptor-associated kinase 3       | IRAK3        |
| Q8WXH2    | Junctophilin-3                                   | JPH3         |
| P49985    | Type I iodothyronine deiodinase                  | DIO1         |
| Q0NZM3    | Intersectin-2                                    | ITSN2        |
| P43405    | Tyrosine-protein kinase SYK                      | SYK          |
| ID    | Description                                                                 | Gene  |
|-------|------------------------------------------------------------------------------|-------|
| P48051| G protein-activated inward rectifier potassium channel 2                     | KCNJ6 |
| P63252| Inward rectifier potassium channel 2                                         | KCNJ2 |
| Q8T85 | Kelch domain-containing protein                                               | KHLDC4|
| Q15842| ATP-sensitive inward rectifier potassium channel 8                            | KCNJ8 |
| P43632| Killer cell immunoglobulin-like receptor 2DS4                                | KIR2DS4|
| Q8N371| Bifunctional peptidase and arginyl-hydroxylase JMJD5                        | KDM8  |
| P06310| Immunoglobulin kappa variable 2-30                                           | IGKV2-30|
| Q15139| Serine/threonine-protein kinase D1                                            | PRKD1 |
| Q95232| Luc7-like protein 3                                                           | LUC7L3 |
| Q08380| Galectin-3-binding protein                                                    | LGALS3BP|
| Q75387| Large neutral amino acids transporter small subunit 3                        | SLC43A1|
| Q9Y5L5 | Lens epithelial cell protein LEP503                                           | LENEPE|
| Q9P2M1 | LRP2-binding protein                                                         | LRP2BP|
| O15165| Low-density lipoprotein receptor class A domain-containing protein 4         | LDLRAD4|
| Q9UFC0| Leucine-rich repeat and WD repeat-containing protein 1                        | LRWD1 |
| Q98VC4 | Target of rapamycin complex subunit LST8                                     | MLST8 |
| Q8N1E2 | Lysozyme g-like protein 1                                                     | LGY1  |
| Q9BRA0| N-alpha-acetyltransferase 38, NatC auxiliary subunit                          | NAA38 |
| P23368| NAD-dependent malic enzyme, mitochondrial                                   | ME2   |
| P49641| Alpha-mannosidase 2x                                                          | MAN2A2|
| Q9NWA0| Mediator of RNA polymerase II transcription subunit 9                        | MED9  |
| Q5J56 | Meiosis expressed gene 1 protein homolog                                     | MEIG1 |
| P29966| Myristoylated alanine-rich C-kinase substrate                                 | MARCKS|
| Q9NJP6| Mediator of RNA polymerase II transcription subunit 4                        | MED4  |
| Q9BRK4| Leucine zipper putative tumor suppressor 2                                    | LZT52 |
| Q9Y586| Protein mab-21-like 2                                                         | MAB21L2|
| Q9NQ48| Leucine zipper transcription factor-like protein 1                            | LZTFL1|
| Q92585| Mastermind-like protein 1                                                     | MAML1 |
| P33032| Melanocortin receptor 5                                                       | MC5R  |
| O95983| Methyl-CpG-binding domain protein 3                                           | MBD3  |
| Q8NH3 | Transcription factor MafA                                                     | MAF   |
| Q9U17 | Dimethylglycine dehydrogenase, mitochondrial                                 | DMGDH |
| Q724W2| Lysozyme-like protein 2                                                       | LYZL2 |
| P3366 | Melanoma-associated antigen B1                                               | MAGEB1|
| O15480| Melanoma-associated antigen B3                                               | MAGEB3|
| P45452| Collagenase 3                                                                 | MMP13 |
| Q9NUT2| Mitochondrial potassium channel ATP-binding subunit                          | ABCB8 |
| O95588| Histidine protein methyltransferase 1 homolog                                | METTL18|
| Q9BP8 | Pappalysin-2                                                                 | PAPPA2|
| Q5R59 | Microtubule-associated tumor suppressor candidate 2                          | MTUS2 |
| Q8TAX7| Mucin-7                                                                     | MUC7  |
| Q96L15| Ecto-ADP-ribosyltransferase 5                                               | ART5  |
| Q96H8 | Myeloid-derived growth factor                                                | MYDGF |
| Accession | Description                                                                 | Protein Name |
|-----------|------------------------------------------------------------------------------|--------------|
| Q86XG9    | Putative neuroblastoma breakpoint family member 5                            | NBPF5P       |
| Q9N7M1    | MY0F158 Proteins Dr1                                                         | DR1          |
| Q69Y1Q    | Protein NCBP2AS2                                                            | NCBP2AS2     |
| Q9Y2A7    | Nck-associated protein 1                                                     | NCKAP1       |
| Q6J4K2    | Mitochondrial sodium/calcium exchanger protein                              | SLC8B1       |
| Q4KM28    | Sodium/potassium-transporting ATPase subunit beta-1-interacting protein 1   | NKAIN1       |
| Q9HA50    | Protein Njmu-R1                                                             | CL7or75      |
| Q43908    | NKG2-F type II integral membrane protein                                     | KLRK4        |
| P80188    | Neutrophil gelatinase-associated lipocalin                                   | LCN2         |
| Q9C056    | Homeobox protein Nkx-6.2                                                     | NKX6-2       |
| Q726G3    | N-terminal EF-hand calcium-binding protein 2                                 | NECAB2       |
| Q9NQS3    | Nectin-3                                                                    | NECTIN3      |
| Q9Y211    | Nischarin                                                                    | NISCH        |
| Q9HBL8    | NmrA-like family-domain-containing protein 1                                 | NMRA1        |
| Q9Y639    | Neuroplastin                                                                 | NPTN         |
| Q95436    | Sodium-dependent phosphate transport protein 2B                              | SLC34A2      |
| Q8WU39    | Marginal zone B- and B1-cell-specific protein                                | MZB1         |
| A8MT00    | Homeobox protein notochord                                                   | NOTO         |
| Q9Y5X5    | Neuropeptide FF receptor 2                                                   | NPFFR2       |
| Q8NCF5    | NFATC2-interacting protein                                                   | NFATC2IP     |
| Q0ZGT2    | Nexillin                                                                     | NEXN         |
| Q8NC67    | Neuroplnin and tolloid-like protein 2                                        | NETO2        |
| Q9Y4A8    | Nuclear factor erythroid 2-related factor 3                                  | NFE2L3       |
| O43869    | Olfactory receptor 2T1                                                        | OR2T1        |
| Q8NH85    | Olfactory receptor 8U3                                                        | OR8U3        |
| Q8NL9G    | Olfactory receptor 4C16                                                       | OR4C16       |
| Q96R45    | Olfactory receptor 2A7                                                        | OR2A7        |
| Q9UMX2    | Ornithine decarboxylase antizyme 3                                           | OA3Z         |
| Q96R30    | Olfactory receptor 2V2                                                        | OR2V2        |
| Q8NGQ6    | Olfactory receptor 9I                                                         | OR9I         |
| Q9UL0D    | 2-oxoglutarate dehydrogenase-like, mitochondrial                             | OGDHL        |
| Q9NP38    | NTF2-related export protein 2                                                | NXT2         |
| Q8NGE2    | Olfactory receptor 2AP1                                                       | OR2AP1       |
| Q13516    | Oligodendrocyte transcription factor 2                                        | OLIG2        |
| A6NM03    | Olfactory receptor 2AG2                                                       | OR2AG2       |
| Q9H344    | Olfactory receptor 5I2                                                        | OR5I2        |
| Q8NG8     | Olfactory receptor 5AN1                                                       | OR5AN1       |
| A5D8V7    | Outer dynein arm-docking complex subunit 3                                   | ODAD3        |
| Q8NHC7    | Olfactory receptor 14C36                                                      | OR14C36      |
| Q6GTS8    | N-fatty-acyl-amino acid synthase/hydrolase PM20D1                             | PM20D1       |
| Q9BRF8    | Serine/threonine-protein phosphatase CPPE1                                    | CPPED1       |
| Q9Y6N1    | Cytochrome c oxidase assembly protein COX11, mitochondrial                   | COX11        |
| Q08477    | Cytochrome P450 4F3                                                           | CYP4F3       |
| Q9YY600   | Cysteine sulfenic acid decarboxylase                                          | CSAD         |
| P0C5K6    | Putative tumor antigen NA88-A                                                 | VENTXP1      |
| Q96M42    | Putative uncharacterized protein encoded by LINC00479                         | LINCO0479    |
| Q9Y6H8    | Gap junction alpha-3 protein                                                  | GJA3         |
| Accession  | Protein Name                                      | Description                                                                 |
|------------|--------------------------------------------------|-----------------------------------------------------------------------------|
| Q8NG35     | Beta-defensin 105                                | DEFB105A                                                                   |
| A8MPP1     | Putative ATP-dependent RNA helicase DDX11-like protein 8 | DDX11L8                                                                   |
| Q7RTX7     | Cation channel sperm-associated protein 4         | CATPER4                                                                   |
| Q9H175     | Cysteine/serine-rich nuclear protein 2            | CSRP2                                                                      |
| P17538     | Chymotrypsinogen B                               | CTRB1                                                                      |
| P39980     | Homeobox protein cut-like 1                      | CUX1                                                                       |
| Q9H0L4     | Cleavage stimulation factor subunit 2 tau variant | CSTF2T                                                                     |
| Q15828     | Cystatin-M                                       | CTS6                                                                       |
| Q96C86     | m7GpppX diphosphatase                            | DCPS                                                                       |
| P59666     | Neutrophil defensin 3                            | DEFA3                                                                      |
| O43602     | Neuronal migration protein 3 doublecortin         | DCX                                                                        |
| Q95685     | N                                                | DKC1                                                                       |
| Q9Y394     | Dehydrogenase/reductase SDR family member 7      | DHRS7                                                                      |
| O60832     | H/ACA ribonucleoprotein complex subunit DKC1     | DKC1                                                                      |
| P56937     | 3-keto-steroid reductase/17-beta-hydroxysteroid dehydrogenase 7 | HSD17B7                                                                   |
| Q8N608     | Inactive dipeptidyl peptidase 10                  | DPP10                                                                      |
| P28562     | Dual specificity protein phosphatase 1            | DUSP1                                                                      |
| P0CJ85     | Double homeobox protein 4-like protein 2          | DUX4L2                                                                     |
| Q8I2U8     | Dermatan-sulfate epimerase-like protein           | DSEL                                                                      |
| Q8TC92     | Ecto-NOX disulfide-thiol exchanger 1              | ENOX1                                                                      |
| Q9H0I2     | Enkunin domain-containing protein 1               | ENKD1                                                                      |
| Q6P531     | Glutathione hydrolase 6                          | GGT6                                                                       |
| Q53G57     | Nucleoporin GLE1                                 | GLE1                                                                       |
| P36268     | Inactive glutathione hydrolase 2                  | GGT2                                                                       |
| Q8TDS4     | Hydroxyacidoxalic acid receptor 2                | HCAR2                                                                      |
| Q4AE62     | Glycosyltransferase-like domain-containing protein 1 | GTDC1                                                                     |
| P22732     | Solute carrier family 2, facilitated glucose transporter member 5 | SLCA5                                                                     |
| Q93079     | Histone H2B type 1-H                             | H2BC9                                                                      |
| O60565     | Gremlin-1                                        | GREM1                                                                      |
| P33778     | Histone H2B type 1-B                             | H2BC3                                                                      |
| Q9Y3R0     | Glutamate receptor-interacting protein 1          | GRIP1                                                                      |
| P39086     | Glutamate receptor ionotropic, kainate 1          | GRIK1                                                                      |
| P41594     | Metabotropic glutamate receptor 5                 | GRM5                                                                       |
| P31275     | Homeobox protein Hox-C12                         | HOXC12                                                                     |
| Q00444     | Homeobox protein Hox-C5                          | HOXC5                                                                      |
| P07900     | Heat shock protein HSP 90-alpha                  | HSP90AA1                                                                   |
| P0CJ77     | Humanin-like 10                                  | MTRNR2L10                                                                  |
| S4R3P1     | Humanin-like 13                                  | MTRNR2L13                                                                   |
| P0C172     | Humanin-like 5                                   | MTRNR2L5                                                                   |
| P09914     | Interferon-induced protein with tetraticopeptide repeats 1 | IFIT1                                                                    |
| Q8IUI54    | Interferon lambda-1                              | IFNL1                                                                      |
| P01569     | Interferon alpha-5                               | IFNA5                                                                      |
| P30740     | Leukocyte elastase inhibitor                      | SERPINB1                                                                   |
| O00425     | Insulin-like growth factor 2 mRNA-binding protein 3 | IGF2BP3                                                                   |
| Q8NAC3     | Interleukin-17 receptor C                         | IL17RC                                                                     |
| Q8NZH8     | Interleukin-36 gamma                             | IL36G                                                                      |
| Gene ID | Description |
|--------|-------------|
| P40933 | Interleukin-15 | IL15 |
| Q9H2X8 | Interferon alpha-inducible protein 27-like protein 2 | IFI27L2 |
| P41134 | DNA-binding protein inhibitor ID-1 | ID1 |
| P48668 | Keratin, type II cytoskeletal 6C | KRT6C |
| Q6UWN8 | Serine protease inhibitor Kazal-type 6 | SPINK6 |
| P54819 | Adenylate kinase 2, mitochondrial | AK2 |
| P19012 | Keratin, type I cytoskeletal 15 | KRT15 |
| Q8NA54 | IQ and ubiquitin-like domain-containing protein | IQUB |
| Q9UI26 | Importin-11 | IPO11 |
| Q5VZ46 | Uncharacterized protein KIAA1614 | KIAA1614 |
| Q9Y581 | Insulin-like peptide INSL6 | INSL6 |
| Q96LW2 | Ribosomal protein S6 kinase-related protein | RSKR |
| Q9PG3 | Kallikrein-14 | KLK14 |
| O15550 | Lysine-specific demethylase 6A | KDM6A |
| O75676 | Ribosomal protein S6 kinase alpha-4 | RPS6KA4 |
| Q9Y5K2 | Kallikrein-4 | KLK4 |
| Q9BYR5 | Keratin-associated protein 4-2 | KRTAP4-2 |
| Q6L8G8 | Keratin-associated protein 5-7 | KRTAP5-7 |
| Q9NPA1 | Calcium-activated potassium channel subunit beta-3 | KCNMB3 |
| P06312 | Immunoglobulin kappa variable 4-1 | IGKV4-1 |
| A0A0C4DH68 | Immunoglobulin kappa variable 2-24 | IGKV2-24 |
| A8MYP8 | Outer dense fiber protein 3B | ODF3B |
| P0C7T2 | Olfactory receptor 2T7 | OR2T7 |
| Q99918 | Olfactory receptor 2H2 | OR2H2 |
| Q8N162 | Olfactory receptor 8H2 | OR8H2 |
| Q8NH76 | Olfactory receptor 56B4 | OR56B4 |
| Q8NH67 | Olfactory receptor 52I2 | OR52I2 |
| Q8NGX5 | Olfactory receptor 10K1 | OR10K1 |
| Q8NGK4 | Olfactory receptor 52K1 | OR52K1 |
| O15294 | UDP-N-acetylglucosamine-N-acetylglucosaminyltransferase 110 kDa subunit | OGT |
| Q8NGC4 | Olfactory receptor 10G3 | OR10G3 |
| Q8NGS4 | Olfactory receptor 11H1 | OR11H1 |
| Q9GZU5 | Nyctalopin | NYX |
| Q8NGS9 | Olfactory receptor 13C2 | OR13C2 |
| Q96HA1 | Nuclear envelope pore membrane protein POM121 | POM121 |
| Q14681 | BTB/POZ domain-containing protein KCTD2 | KCTD2 |
| Q9H400 | Lck-interacting transmembrane adapter 1 | LIME1 |
| P0C6S8 | Leucine-rich repeat and immunoglobulin-like domain-containing nogo receptor-interacting protein 3 | LINGO3 |
| Q9Y546 | Leucine-rich repeat-containing protein 42 | LRRC42 |
| Q07954 | Prolow-density lipoprotein receptor-related protein 1 | LRP1 |
| Q9CO9 | Leucine-rich repeat-containing protein 27 | LRRC27 |
| Q9BYS8 | Leucine-rich repeat-containing protein 2 | LRRC2 |
| Q14767 | Latent-transforming growth factor beta-binding protein 2 | LTBP2 |
| Q96LR2 | Leucine rich adaptor protein 1 | LURAP1 |
| P78559 | Microtubule-associated protein 1A | MAP1A |
| Accession | Description |
|-----------|-------------|
| Q60244    | Mediator of RNA polymerase II transcription subunit 14 (MED14) |
| Q8N22     | Multiple coagulation factor deficiency protein 2 (MCFD2) |
| D6R89H    | Multicilin (MCIDAS) |
| P33991    | DNA replication licensing factor MCM4 (MCM4) |
| P27448    | MAP/microtubule affinity-regulating kinase 3 (MARK3) |
| Q8TCQ1    | E3 ubiquitin-protein ligase (MARCHF1) |
| Q95819    | Mitogen-activated protein kinase kinase kinase 4 (MAP4K4) |
| Q9NS15    | Late transforming growth factor beta-binding protein 3 (LTBP3) |
| P0DP75    | Putative uncharacterized protein MED14OS (MED14OS) |
| Q05BQ5    | MBL domain-containing protein 1 (MBTD1) |
| Q9Y2U8    | Inner nuclear membrane protein Man1 (LEMD3) |
| Q86U33    | Nucleolar protein 9 (NOP9) |
| Q8TD60    | TRAF3-interacting protein 1 (TRAF3IP1) |
| Q99797    | Mitochondrial intermediate peptidase (MIPEP) |
| Q8NF67    | Diphosphoinositol polyphosphate phosphohydrolase 3-alpha (NUDT10) |
| P58340    | Myeloid leukemia factor 1 (MLF1) |
| Q6P1R3    | Myb/SANT-like DNA-binding domain-containing protein 2 (MSANTD2) |
| Q62TZ1    | Myb/SANT-like DNA-binding domain-containing protein 1 (MSANTD1) |
| Q8NHV5    | Modulator of smoothened protein (MOSMO) |
| Q6UVY6    | DBH-like monoxygenase protein 1 (MOX1) |
| Q9CO1L    | Myotubulin-related protein 12 (MTMR12) |
| Q5VZ2V    | Protein-lysine methyltransferase METTL21C (METTL21C) |
| P6O321    | Nanos homolog 2 (NANOS2) |
| Q9N9S0    | Homeobox protein NANOG (NANOG) |
| Q8NH9F    | N-acetylaspartate synthetase (NAT8L) |
| O00746    | Nucleoside diphosphate kinase, mitochondrial (NME4) |
| P60201    | Myelin proteolipid protein (PLP1) |
| Q8OFE0    | Myb-related transcription factor, partner of profilin (MYP10) |
| P12829    | Myosin light chain 4 (MYL4) |
| Q8NFW9    | Rab effector MyRIP (MYRIP) |
| Q13458    | Unconventional myosin-IXb (MYO9B) |
| Q969V3    | Nicalin (NCLN) |
| P25103    | Substance-P receptor (TACR1) |
| Q76041    | Nebulette (NEBL) |
| Q9HBY0    | NADPH oxidase 3 (NOX3) |
| Q15848    | NEDD8 (NEDD8) |
| Q16517    | Neuronatin (NNAT) |
| P47972    | Neuronal pentraxin-2 (NPTX2) |
| Q8H89J    | Neuronedin-U receptor 1 (NMU1) |
| Q43181    | NADH dehydrogenase (NDUF5) |
| O00567    | Nucleolar protein 56 (NOP56) |
| Q9BT67    | NEDD4 family-interacting protein 1 (NDF1P1) |
| Q81Z57    | Neurexin-1 (NRX1) |
| P78549    | Endonuclease III-like protein 1 (NTHL1) |
| Q3KNT7    | Putative NOL1/NOP2/Sun domain family member 5B (NSUN5P1) |
| Q6IF42    | Olfactory receptor 2A2 (OR2A2) |
| Q8N91A8   | Olfactory receptor 1F12 (OR1F12) |
| A6NFC9    | Putative olfactory receptor 2W5 pseudogene (OR2W5P) |
| Q8NOY3    | Olfactory receptor 4N4 (OR4N4) |
| Accession  | Description                      |
|------------|-----------------------------------|
| Q9BW72     | HIG1 domain family member 2A, mitochondrial |
| P02790     | Hemopexin                         |
| Q14526     | Hypermethylated in cancer 1 protein |
| P20702     | Integrin alpha-X                  |
| P11215     | Integrin alpha-M                  |
| P17535     | Transcription factor jun-D        |
| Q8Ni35     | InaD–like protein                 |
| P0DMQ5     | Putative transmembrane protein    |
| Q9P2N7     | Kelch–like protein 13             |
| Q9NXS3     | Kelch–like protein 28             |
| Q15726     | Metastasis-suppressor KiSS-1      |
| Q8Ni09     | Killer cell immunoglobulin–like receptor 2DL5A |
| P80370     | Keratin-associated protein 10–5   |
| Q3173      | Keratin-associated protein 19–4   |
| Q3166      | Keratin-associated protein 20–2   |
| P16150     | Leukosialin                       |
| Q6M2P7     | Protein lin-54 homolog            |
| A9UHW6     | MiF4G domain-containing protein   |
| Q9NPA2     | Matrix metalloproteinase-25       |
| O15264     | Mitogen-activated protein kinase 13 |
| Q16539     | Mitogen-activated protein kinase 14 |
| Q96AX9     | E3 ubiquitin–protein ligase MIB2  |
| Q9BPX6     | Calcium uptake protein 1, mitochondrial |
| Q99549     | M-phase phosphoprotein 8          |
| Q8Ni39     | MAGUK p55 subfamily member 5      |
| O60669     | Monocarboxylate transporter 2      |
| Q6DT37     | Serine/threonine–protein kinase MRCK gamma |
| Q9H8S9     | MOB kinase activator 1A           |
| Q685J3     | Mucin-17                          |
| Q96NY9     | Crossover junction endonuclease    |
| P80294     | Metallothionein-1H                |
| Q6W4X9     | Mucin-6                           |
| P56278     | Protein p13 MTCP-1                |
| Q8Ni39     | Metallothionein-1M                |
| Q86W26     | NACHT, LRR and PYD domains-containing protein 10 |
| P0DI83     | Ras-related protein Rab-34, isoform NARR |
| P13349     | Myogenic factor 5                 |
| Q8WXR4     | Myosin-llb                        |
| Q32MK0     | Myosin light chain kinase 3       |
| Q66W13     | Protein NLRC5                     |
| Q13952     | Nuclear transcription factor Y subunit gamma |
| Q86W80     | Nuclear–interacting partner of     |
| O60721     | Sodium/potassium/calcium exchanger 1 |
| Q6FP99     | NIPA–like protein 3               |
| Q99733     | Nucleosome assembly protein 1–like 4 |
| Q15761     | Neuropeptide Y receptor type 5     |
| P50391     | Neuropeptide Y receptor type 4     |
| Q14995     | Nuclear receptor subfamily 1 group D member 2 |
| P46531     | Neurogenic locus notch homolog protein 1 |
| Q8IW45     | ATP–dependent                     |
| Q15155     | Nodal modulator 1                 |
| Q9UHC9     | NPC1–like intracellular cholesterol transporter 1 |
| Accession | Protein Name | Description |
|-----------|--------------|-------------|
| P43354    | Nuclear receptor subfamily 4 group A member 2 | NR4A2 |
| O75251    | NADH dehydrogenase | NDUFS7 |
| Q96S42    | Nodal homolog | NODAL |
| P22736    | Nuclear receptor subfamily 4 group A member 1 | NR4A1 |
| A6NJ64    | Putative nuclear pore complex-interacting protein family member B2 | NPIPB2 |
| Q94856    | Neurofascin | NFASC |
| Q96DE0    | U8 snoRNA-decapping enzyme | NUDT16 |
| Q9BRQ3    | Uridine diphosphate glucose pyrophosphatase NUDT22 | NUDT22 |
| P20783    | Neurotrophin-3 | NTF3 |
| Q496H8    | Neurtin-like protein | NRRN1L |
| P61970    | Nuclear transport factor 2 | NUTF2 |
| Q9NRX3    | NADH dehydrogenase | NDUFA4L2 |
| Q96CW9    | Netrin-G2 | NTNG2 |
| Q8TEA1    | tRNA | NSUN6 |
| Q8NGG1    | Olfactory receptor 8j2 | OR8J2 |
| P48741    | Putative heat shock 70 kDa protein 7 | HSPA7 |
| A0A0C4DH33 | Immunoglobulin heavy variable 1-24 | IGHV1-24 |
| A0A0C4DH36 | Probable non-functional immunoglobulin heavy variable 3-38 | IGHV3-38 |
| P14866    | Heterogeneous nuclear ribonucleoprotein L | HNRNPL |
| A0A1B0GW4H4 | Heat shock transcription factor, X-linked member 3 | HSFX3 |
| Q9Y661    | Heparan sulfate glucosamine 3-O-sulfotransferase 4 | HS3ST4 |
| Q8WW32    | High mobility group protein B4 | HMGB4 |
| Q12766    | HMG domain-containing protein | HMGXB3 |
| Q81CB0    | Interferon-induced protein 44 | IFI44 |
| P01562    | Interferon alpha-1/13 | IFNA1 |
| P01563    | Interferon alpha-2 | IFNA2 |
| P13164    | Interferon-induced transmembrane protein 1 | IFITM1 |
| Q6IS14    | Eukaryotic translation initiation factor 5A-1-like | EIF5AL1 |
| P05015    | Interferon alpha-16 | IFNA16 |
| Q98W83    | Intraflagellar transport protein 27 homolog | IFT27 |
| P01880    | Immunoglobulin heavy constant delta | IGHD |
| P2DOX6    | Immunoglobulin mu heavy chain | |
| P08069    | Insulin-like growth factor 1 receptor | IGF1R |
| Q982V3    | Interphotoreceptor matrix proteoglycan 2 | IMPG2 |
| Q53TQ3    | INO80 complex subunit D | INO80D |
| P23229    | Integrin alpha-6 | ITGA6 |
| Q9H8X2    | Inositol-pentakisphosphate 2-kinase | IPPK |
| A8MXQ7    | IQ motif and ankyrin repeat domain-containing protein 1 | IQANK1 |
| Q75525    | KH domain-containing, RNA-binding, signal transduction-associated protein 3 | KHDRBS3 |
| O15054    | Lysine-specific demethylase 6B | KDM6B |
| O60928    | Inward rectifier potassium channel 13 | KCNJ13 |
| Q8N4N8    | Kinesin-like protein KIF2B | KIF2B |
| Q9H7Z6    | Histone acetyltransferase KAT8 | KAT8 |
| P17612    | cAMP-dependent protein kinase catalytic subunit alpha | PRKACA |
| Accession  | Name                                                                 | Description                                                                 |
|------------|----------------------------------------------------------------------|-----------------------------------------------------------------------------|
| A0AOU1RRK4 | LBH domain-containing protein 2                                       | LBHD2                                                                       |
| P50458     | LIM/homeobox protein Lhx2                                              | LHX2                                                                        |
| Q96B96     | Lipid droplet assembly factor 1                                        | TMEM159                                                                     |
| Q6LX15     | Laynin                                                                | LAYN                                                                        |
| Q7IRC2     | La-related protein 4                                                  | LARP4                                                                       |
| Q6ZMR3     | L-lactate dehydrogenase A-like 6A                                     | LDHAL6A                                                                     |
| P53867     | LIM domain kinase 1                                                    | LIMK1                                                                       |
| Q2VYF4     | LETM1 domain-containing protein LETM2, mitochondrial                  | LETM2                                                                       |
| Q9H1C0     | Lyso phosphatidic acid receptor 5                                      | LPAR5                                                                       |
| Q9HAT1     | Protein ERGIC-53-like                                                 | LMAN1L                                                                      |
| Q9BS40     | Latexin                                                               | LNX                                                                         |
| H3BQ8+     | Lymphocyte antigen 6L                                                 | LY6L                                                                        |
| O15296     | Polyunsaturated fatty acid lipoxigenase ALOX15B                       | ALOX15B                                                                     |
| Q86SG7     | Lysozyme q-like protein 2                                             | LYG2                                                                        |
| P33908     | Mannosyl-oligosaccharide 1,2-alpha-mannosidase IA                      | MAN1A1                                                                      |
| Q5U5X0     | Complex III assembly factor LYRM7                                      | LYRM7                                                                       |
| Q9HD34     | LVR motif-containing protein 4                                         | LVRM4                                                                       |
| Q8N112     | Leucine-rich single-pass membrane protein 2                           | LSMEM2                                                                      |
| Q9NVC6     | Mediator of RNA polymerase II transcription subunit 17                | MED17                                                                       |
| A2RUB1     | Member-specific coiled-coil domain-containing protein MOV10            | MEIOC                                                                       |
| Q96PG2     | Membrane-spanning 4-domains subfamily A member 10                     | MS4A10                                                                      |
| Q8IZ02     | Leucine-rich repeat-containing protein 34                              | LRR3C4                                                                      |
| Q9UEW3     | Macrophage receptor MARCO                                             | MARCO                                                                       |
| Q12851     | Mitogen-activated protein kinase kinase kinase kinase 2               | MAP4K2                                                                      |
| Q5T0T0     | E3 ubiquitin-protein ligase MARCHF8                                    | MARCHF8                                                                     |
| Q9Y3C7     | Mediator of RNA polymerase II transcription subunit 31                | MED31                                                                       |
| Q5SR9     | Glycoprotein endo-alpha-1,2-mannosidase                               | MANEA                                                                       |
| Q9HCJ5     | Melanoma-associated antigen E1                                         | MAGEE1                                                                      |
| P20916     | Myelin-associated glycoprotein                                        | MAG                                                                         |
| Q9H213     | Melanoma-associated antigen H1                                         | MAGEH1                                                                      |
| A2RUAH7    | Myosin-binding protein H-like                                         | MYBPHL                                                                      |
| Q98XT6     | RNA helicase Mov101                                                   | MOV101                                                                      |
| P0DM35     | Metallothionein 1H-like protein                                        | MT1H1L                                                                      |
| Q9P267     | Methyl-CpG-binding domain protein 5                                    | MBD5                                                                        |
| P43357     | Melanoma-associated antigen 3                                          | MAGEA3                                                                      |
| Q6BWW92    | MIT domain-containing protein 1                                        | MITD1                                                                       |
| Q723K6     | Mesoderm induction early response protein 3                            | MIER3                                                                       |
| Q13361     | Microfibrillar-associated protein 5                                    | MFAP5                                                                       |
| A1L0Z0     | RNA-binding protein MEX3A                                              | MEX3A                                                                       |
| Q9NXB0     | Meckel syndrome type 1 protein                                         | MKS1                                                                        |
| P11717     | Cation-independent mannose-6-phosphate receptor                        | IGF2R                                                                       |
| Q6UWWV2    | Myelin protein zero-like protein 3                                     | MP2L3                                                                       |
| Q5VZ4R     | Hippocampus abundant transcript-like protein 2                         | MFSD14C                                                                     |
| Q96BX8     | MOB kinase activator 3A                                                | MOB3A                                                                       |
| Q966J5     | ATP-binding cassette sub-family C member 12                            | ABCC12                                                                       |
| P45985     | Dual specificity mitogen-activated protein kinase kinase 4            | MAP2K4                                                                      |
| Q49AM1     | Transcription termination factor 2, mitochondrial                      | MTERF2                                                                      |
| Uniprot ID | Description |
|------------|-------------|
| P04733 | Metallothionein-1F |
| Q75431 | Metaxin-2 |
| Q86W25 | NACHT, LRR and PYD domains-containing protein 13 |
| Q9NX02 | NACHT, LRR and PYD domains-containing protein 2 |
| Q081Q8 | Myocardin |
| Q9NONX4 | Unconventional myosin-Vc |
| Q5VT75 | Myomesin-3 |
| Q0M9Q1 | NKAP-like protein |
| Q0NH74V4 | Protein NEUD1 |
| Q8N5F7 | NF-kappa-B-activating protein |
| Q8NC96 | Adaptin ear-binding coat-associated protein 1 |
| Q15270 | NK1 transcription factor-related protein 1 |
| A6J46 | Homeobox protein Nkx-6.3 |
| Q99743 | Neuronal PAS domain-containing protein 2 |
| Q8TAU0 | Homeobox protein Nkx-2.3 |
| Q8N2Q7 | Neuroligin-1 |
| Q9H8H0 | Nucleolar protein 11 |
| Q86SE8 | Nucleoplasmin-2 |
| P03905 | NADH-ubiquinone oxidoreductase chain 4 |
| Q7Z2Y5 | Nik-related protein kinase |
| Q98WE60 | Elongation of very long chain fatty acids protein 1 |
| P61570 | Endogenous retrovirus group K member 25 Env polyprotein |
| P60002 | Transcription elongation factor 1 homolog |
| Q9UF71 | Golgi-associated kinase 1A |
| Q2J467 | Frizzled-5 |
| Q9H706 | GRB2-associated and regulator of MAPK protein 1 |
| Q01415 | N-acetylgalactosamine kinase |
| Q96N19 | Integral membrane protein |
| P47211 | Galanin receptor type 1 |
| Q8N4A0 | Polypeptide N-acetylgalactosaminyltransferase 4 |
| P27469 | G0/G1 switch protein 2 |
| Q4G0N0 | Inactive N-acetyllactosaminidase alpha-1,3-galactosyltransferase |
| P07902 | Galactose-1-phosphate uridylyltransferase |
| H0YM25 | Golgin subfamily A member 6-like protein 22 |
| Q8N6F7 | Germinal center-associated signaling and motility protein |
| Q06210 | Glutamine-fructose-6-phosphate aminotransferase |
| P10070 | Zinc finger protein GLI2 |
| P52455 | Guanylate-binding protein 1 |
| Q6IC98 | GLT domain-containing protein 4 |
| Q6ZS86 | Putative glycerol kinase 5 |
| P14672 | Solute carrier family 2, facilitated glucose transporter member 4 |
| Q96P88 | Putative gonadotropin-releasing hormone II receptor |
| Q86NGU9 | Probable G-protein coupled receptor 150 |
| Q3V672 | Girdin |
| P08331 | Tyrosine-protein kinase HCK |
| Q9NY23 | G2 and S phase-expressed protein 1 |
| P09488 | Glutathione S-transferase Mu 1 |
| PDB Code | Gene Name | Description |
|---------|-----------|-------------|
| Q7Z2G1 | Histone H2B type W-T | H2BW1 |
| Q9U8K5 | Hematopoietic cell signal transducer | HCST |
| P02100 | Hemoglobin subunit epsilon | HBE1 |
| Q00291 | Huntington-interacting protein 1 | HIP1 |
| Q43248 | Homebox protein Hox-C11 | HOXC11 |
| P09067 | Homebox protein Hox-B5 | HOXB5 |
| Q4G112 | Heat shock factor protein 5 | HSF5 |
| Q8N7B1 | HORMA domain-containing protein 2 | HORMAD2 |
| Q6PI97 | Cilia- and flagella-associated protein HOATZ | HOATZ |
| P41235 | Hepatocyte nuclear factor 4-alpha | HNF4A |
| K9M1U5 | Interferon lambda-4 | IFNL4 |
| Q9Y366 | Intraflagellar transport protein 52 homolog | IFT52 |
| Q12905 | Interleukin enhancer-binding factor 2 | ILF2 |
| Q0D215 | Non-homologous end joining factor IFFO1 | IFFO1 |
| Q9NQC8 | Intraflagellar transport protein 46 homolog | IFT46 |
| Q8WYA0 | Intraflagellar transport protein 81 homolog | IFT81 |
| Q08334 | Interleukin-10 receptor subunit beta | IL10RB |
| P01857 | Immunoglobulin heavy constant gamma 1 | IGHG1 |
| Q8NF9 | Interleukin-17 receptor E | IL17RE |
| Q86Y46 | Keratin, type II cytoskeletal 73 | KRT73 |
| P08648 | Integrin alpha-5 | ITGA5 |
| O14498 | Immuno globulin superfamily containing leucine-rich repeat protein | ISLR |
| Q00978 | Interferon regulatory factor 9 | IRF9 |
| P50053 | Keto hexokinase | KHK |
| Q9ULS6 | Potassium voltage-gated channel subfamily S member 2 | KCNS2 |
| Q8N7A1 | Kelch domain-containing protein | KLHDC1 |
| Q14953 | Killer cell immunoglobulin-like receptor 2DS5 | KIR2DS5 |
| Q43525 | Potassium voltage-gated channel subfamily KQT member 3 | KCNQ3 |
| Q9BVG8 | Kinesin-like protein KIFC3 | KIFC3 |
| Q9ULI4 | Kinesin-like protein KIF26A | KIF26A |
| Q6PID8 | Kelch domain-containing protein 10 | KLHDC10 |
| Q8NGV7 | Olfactory receptor 5H2 | OR5H2 |
| Q6ZSK4 | Putative uncharacterized protein NTM-AS1 | NTM-AS1 |
| Q6GQ99 | OTU domain-containing protein 7B | OTUD7B |
| Q96PU9 | Outer dense fiber protein 3 | ODF3 |
| Q8NGD1 | Olfactory receptor 4N2 | OR4N2 |
| P14920 | D-amino-acid oxidase | DAO |
| Q8NFH5 | Nudeloporin NUP35 | NUP35 |
| Q92621 | Nuclear pore complex protein Nup205 | NUP205 |
| P48539 | Calmodulin regulator protein | PCP4 |
| Q99453 | Paired mesoderm homeobox protein 2B | PHOX2B |
| A4D288 | Putative postmeiotic segregation increased 2-like protein 1 | PMS2P1 |
| Q03181 | Peroxisome proliferator-activated receptor delta | PPARD |
| P63136 | Endogenous retrovirus group K member 25 Pol protein | ERVK-25 |
| P10696 | Alkaline phosphatase, germ cell type | ALPG |
| Accession | Gene Name | Description |
|-----------|-----------|-------------|
| Q08T8Y8  | Polyamine-modulated factor 1-binding protein 1 | PMFBP1 |
| Q15166   | Serum paraoxonase/lactonase 3 | PON3 |
| Q15149   | Plectin | PLEC |
| Q9H3Y8   | Pancreatic progenitor cell differentiation and proliferation factor | PPDPF |
| Q9N2M6   | Polycystic kidney disease 2-like 2 protein | PKD2L2 |
| Q9H2Q6   | Regulating synaptic membrane exocytosis protein 2 | RIMS2 |
| Q9HB21   | Pleckstrin homology domain-containing family A member 1 | PLEKHA1 |
| Q96QCO   | Serine/threonine-protein phosphatase 1 regulatory subunit 10 | PPP1R10 |
| Q9H478   | KCNQ1 downstream neighbor protein | KCNQ1DN |
| Q8N135   | Leucine-rich repeat LGI family member 4 | LGI4 |
| Q99538   | Legumain | LGMN |
| Q9UC8    | Leucine carboxyl methyltransferase 1 | LCMT1 |
| Q6Z8Y2   | Leucine-rich repeat-containing protein 74B | LRRC74B |
| Q8N14G   | Leucine-rich repeat-containing protein 47 | LRRC47 |
| P09960   | Leukotriene A-4 hydrolase | LTA4H |
| Q6UXM1   | Leucine-rich repeats and immunoglobulin-like domains protein 3 | LRRG3 |
| Q8WUT4   | Leucine-rich repeat neuronal protein 4 | LRRN4 |
| Q8C0E8   | Endoplasmic reticulum junction formation protein lunapark | LNPK |
| Q8HJ6    | Leukocyte immunoglobulin-like receptor subfamily B member 4 | LIRB4 |
| Q03252   | Lamin-B2 | LMNB2 |
| Q9H9Z2   | Protein lin-28 homolog A | LIN28A |
| P80748   | Immunoglobulin lambda variable 3-21 | IGLV3-21 |
| Q1582    | Max dimerization protein 4 | MXD4 |
| P43358   | Melanoma-associated antigen 4 | MAGEA4 |
| Q15525   | Transcription factor MafG | MAFG |
| Q9H063   | Repressor of RNA polymerase III transcription MAF1 homolog | MAF1 |
| Q8N7X4   | Melanoma-associated antigen 86 | MAGEB6 |
| Q8WC1    | MAP7 domain-containing protein 3 | MAP7D3 |
| P15529   | Membrane cofactor protein | CD46 |
| Q8TDD5   | Mucolipin-3 | MCOLN3 |
| Q71SY5   | Mediator of RNA polymerase II transcription subunit 25 | MED25 |
| Q990J8   | Neuralized-like protein 4 | NEURL4 |
| Q15466   | Nuclear receptor subfamily 0 group B member 2 | NR0B2 |
| P49281   | Natural resistance-associated macrophage protein 2 | SLC11A2 |
| Q15259   | Nephrocystin-1 | NPHP1 |
| P17677   | Neuromodulin | GAP43 |
| P20393   | Nuclear receptor subfamily 1 group D member 1 | NR1D1 |
| Q72944   | Nephrocystin-3 | NPHP3 |
| Q99519   | Sialidase-1 | NEU1 |
| Q75161   | Nephrocystin-4 | NPHP4 |
| P48681   | Nestin | NES |
| Q9Y3R4   | Sialidase-2 | NEU2 |
| Q9UND3   | Nuclear pore complex-interacting protein family member A1 | NPIPA1 |
| Accession | Description                                                                 | Gene   |
|-----------|-----------------------------------------------------------------------------|--------|
| E9PIF3    | Nuclear pore complex-interacting protein family member A2                   | NPIPA2 |
| FBWFD2    | Nuclear pore complex-interacting protein family member A3                   | NPIPA3 |
| A8MRT5    | Nuclear pore complex-interacting protein family member B5                   | NPIPB5 |
| E9PIJ23   | Nuclear pore complex-interacting protein family member B6                   | NPIPB6 |
| Q8WWR8    | Sialidase-4                                                                  | NEU4   |
| Q9NP71    | Carbohydrate-responsive element-binding protein                             | MLXIPL |
| E9PQR5    | Nuclear pore complex-interacting protein family member B8                   | NPIPB8 |
| FBW1W9    | Nuclear pore complex-interacting protein family member B9                   | NPIPB9 |
| Q99574    | Neuroserpin                                                                 | SERPIN1|
| Q9H9Q4    | Non-homologous end-joining factor 1                                          | NHEJ1  |
| Q96UQ8    | Transcription factor NF-E4                                                  | NFE4   |
| P52849    | Bifunctional heparan sulfate N-deacetylase/N-sulfotransferase 2             | NDST2  |
| O14524    | Nuclear envelope integral membrane protein 1                                | NEMP1  |
| O95803    | Bifunctional heparan sulfate N-deacetylase/N-sulfotransferase 3             | NDST3  |
| A6NFY4    | Nuclear envelope integral membrane protein 2                                | NEMP2  |
| Q9H3R1    | Bifunctional heparan sulfate N-deacetylase/N-sulfotransferase 4             | NDST4  |
| Q9Y5Y2    | Cytoplasmic Fe-S cluster assembly factor NUBP2                               | NUBP2  |
| Q9Y4U1    | Cyanocobalamin reductase / alkylcobalamin dealkylase                         | MMACHC |
| O75030    | Microphthalmia-associated transcription factor                              | MITF   |
| P28482    | Mitogen-activated protein kinase 1                                           | MAPK1  |
| Q5VZR2    | NUT family member 2G                                                          | NUTM2G |
| Q8NHB8    | Olfactory receptor 5K2                                                       | OR5K2  |
| Q8NGW6    | Olfactory receptor 6K6                                                       | OR6K6  |
| O15504    | Nucleoporin NUP42                                                            | NUP42  |
| Q9Y5G8    | Protocadherin gamma-A5                                                       | PCDHGA5|
| Q9XG57    | Terminal nucleotidyltransferase 4A                                           | TEN14A |
| Q9H7N1    | Protocadherin gamma-B4                                                       | PCDHGB4|
| Q9HW1T3   | Poly                                                                        | PAPOLG |
| Q96330    | Protocadherin gamma-A12                                                      | PCDHGA12|
| Q8NGK5    | Olfactory receptor 52M1                                                      | OR52M1 |
| P40424    | Pre-B-cell leukemia transcription factor 1                                   | PBX1   |
| A6NKN8    | Purkinje cell protein 4-like protein                                          | PCP4L1 |
| A6NGG8    | Photoreceptor cilium actin regulator                                         | PCARE  |
| Q9UNK4    | Group IID secretory phospholipase A2                                         | PLA2G2D|
| P05121    | Plasminogen activator inhibitor 1                                            | SERPINE1|
| Q9Y5E1    | Protocadherin beta-9                                                         | PCDHB9 |
| Q9Y5F1    | Protocadherin beta-12                                                        | PCDHB12|
| Q9Y5F0    | Protocadherin beta-13                                                        | PCDHB13|
| P09874    | Poly                                                                        | PARP1  |
| Q8WYR1    | Phosphoinositide 3-kinase regulatory subunit 5                              | PIK3R5 |
| O43692    | Peptidase inhibitor 15                                                       | PI15   |
| Q96L89    | Peptidoglycan recognition protein 3                                          | PGLYRP3|
| Q98RR3    | Post-GPI attachment to proteins factor 4                                      | PGAP4  |
| Q92769    | Histone deacetylase 2                                                        | HDAC2  |
| P PID  | Description                                                                 | Symbol   |
|-------|------------------------------------------------------------------------------|----------|
| Q9BSE4 | Homocysteine-responsive endoplasmic reticulum-resident ubiquitin-like domain member 2 protein | HERPUD2  |
| Q9BW71 | HIRA-interacting protein 3                                                   | HIRIP3   |
| Q8TDC6 | Helicase POLQ-like                                                           | HELQ     |
| P31274 | Homeobox protein Hox-C9                                                      | HOXC9    |
| P23083 | Immunoglobulin heavy variable 1-2                                            | IGHV1-2  |
| P01763 | Immunoglobulin heavy variable 3-48                                           | IGHV3-48 |
| Q9Y5N1 | Histamine H3 receptor                                                        | HRH3     |
| A8MTL9 | Serpin-like protein HMSD                                                     | HMSD     |
| P05113 | Interleukin-5                                                                | IL5      |
| P08887 | Interleukin-6 receptor subunit alpha                                         | IL6R     |
| O00479 | High mobility group nucleosome-binding domain-containing protein 4           | HMGN4    |
| Q9Y547 | Intraflagellar transport protein 25 homolog                                 | HSPB11   |
| P27352 | Cobalamin binding intrinsic factor                                           | CBLIF    |
| P32942 | Intercellular adhesion molecule 3                                            | ICAM3    |
| O15131 | Importin subunit alpha-6                                                     | KPNA5    |
| Q9Y2F5 | Little elongation complex subunit 1                                         | ICE1     |
| P26951 | Interleukin-3 receptor subunit alpha                                         | IL3RA    |
| Q02363 | DNA-binding protein inhibitor ID-2                                            | ID2      |
| Q14164 | Inhibitor of nuclear factor kapp-B kinase subunit epsilon                    | IKBKE    |
| P47928 | DNA-binding protein inhibitor ID-4                                            | ID4      |
| O60841 | Eukaryotic translation initiation factor 5B                                  | EIF5B    |
| Q5JU85 | IQ motif and SEC7 domain-containing protein 2                                 | IQSEC2   |
| Q3MIP1 | Inositol 1,4,5-trisphosphate receptor-interacting protein-like 2             | ITPRIPL2 |
| Q96SY0 | Integrator complex subunit 14                                                | INTS14   |
| Q92952 | Small conductance calcium-activated potassium channel protein 1             | KCNN1    |
| Q8N7Y1 | Putative uncharacterized protein KIRREL3-AS3                                 | KIRREL3-AS3 |
| P14618 | Pyruvate kinase PKM                                                          | PKM      |
| Q9NYG8 | Potassium channel subfamily K member 4                                       | KCNK4    |
| Q86Y91 | Kinesin-like protein KIF18B                                                   | KIF18B   |
| Q96E29 | Transcription termination factor 3, mitochondrial                           | MTERF3   |
| Q13330 | Metastasis-associated protein MTA1                                            | MTA1     |
| P47944 | Metallothionein-4                                                            | MT4      |
| A1L3X4 | Putative metallothionein MT1DP                                                | MT1DP    |
| Q08VL1 | Neuron navigator 2                                                           | NAV2     |
| P16333 | Cytoplasmic protein NCK1                                                     | NCK1     |
| Q9UJ40 | Sodium/potassium/calcium exchanger 2                                         | SLC24A2  |
| Q8WY64 | E3 ubiquitin-protein ligase MYLIP                                            | MYLIP    |
| Q6ZUF6 | Putative uncharacterized protein encoded by LINC00336                         | LINC00336 |
| Q08AG7 | Mitotic-spindle organizing protein 1                                          | MZT1     |
| Q9Y6Q9 | Nuclear receptor coactivator 3                                               | NCOA3    |
| Q5VXU1 | Sodium/potassium-transporting ATPase subunit beta-1-interacting protein 2   | NKAIN2   |
| Accession | Description                                                                 | Symbol  |
|-----------|------------------------------------------------------------------------------|---------|
| Q9UD57    | NK1 transcription factor-related protein 2                                   | NKK1-2  |
| Q6ZNB6    | NF-X1-type zinc finger protein NFXL1                                          | NFXL1   |
| Q9NVZ3    | Adaptin ear-binding coat-associated protein 2                                | NECAP2  |
| Q96PU5    | E3 ubiquitin-protein ligase NEDD4-like                                       | NEDD4L  |
| Q9UK39    | Nocturnin                                                                    | NOCT    |
| Q96IV0    | Peptide-N                                                                    | NGLY1   |
| Q9IJF2    | Ras GTPase-activating protein nGAP                                            | RASAL2  |
| Q6W5P4    | Neuropeptide S receptor                                                       | NPSR1   |
| Q8U7M7    | Neuronal PAS domain-containing protein 4                                     | NPAS4   |
| Q06495    | Sodium-dependent phosphate transport protein 2A                              | SLC34A1 |
| Q9UMY1    | Nucleolar protein 7                                                           | NOL7    |
| Q5YS16    | Polynucleotide 5'-hydroxyl-kinase NOL9                                       | NOL9    |
| A6NHN6    | Nuclear pore complex-interacting protein family member B15                   | NPIPB15 |
| P2S929    | Neuropeptide Y receptor type 1                                               | NPY1R   |
| P01303    | Pro-neuropeptide Y                                                           | NPY     |
| Q96FI4    | Endonuclease 8-like                                                          | NEIL1   |
| 095167    | NADH dehydrogenase                                                           | NDHFA3  |
| Q8W5B5    | Placenta-specific protein 4                                                  | PLC4    |
| Q8NGR4    | Olfactory receptor 5C1                                                       | OR5C1   |
| Q8NGP6    | Olfactory receptor 5M6                                                       | OR5M6   |
| Q8NH06    | Olfactory receptor 1P1                                                       | OR1P1   |
| Q8NGO1    | Olfactory receptor 9G4                                                       | OR9G4   |
| Q9HDX9    | Oysterolin-binding protein-related protein 5                                  | OSBPL5  |
| Q9NZ36    | Podocalyxin-like protein 2                                                   | PODXL2  |
| Q94HB4    | Serine/threonine-protein kinase PLK3                                          | PLK3    |
| C9H25     | Proline-rich transmembrane protein 4                                         | PRRT4   |
| Q96W1     | Fibrocystin-L                                                                 | PKHD1L1 |
| P62191    | 265 proteasome regulatory subunit 4                                          | PSMC1   |
| O43172    | U4/U6 small nuclear ribonucleoprotein Prp4                                   | PRPF4   |
| Q5T8A7    | Protein phosphatase 1 regulatory subunit 26                                  | PPP1R26 |
| A3QJ27    | PRAME family member 27                                                       | PRAMEF27|
| Q8NCQ7    | Protein PROCA1                                                               | PROCA1  |
| P51888    | Prolargin                                                                    | PRELP   |
| Q9U8K2    | Peroxisome proliferator-activated receptor gamma coactivator 1-alpha         | PPARGC1A|
| Q9Y428    | DNA replication complex GINS protein PSF2                                    | GINS2   |
| P25105    | Platelet-activating factor receptor                                            | PTAFR   |
| A5PKW4    | PH and SEC7 domain-containing protein 1                                      | PSD     |
| P31393    | Bi-functional purine biosynthesis protein ATIC                                | ATIC    |
| O14649    | Potassium channel subfamily K member 3                                       | KCNK3   |
| P20151    | Kalikrein-2                                                                  | KLK2    |
| Q9UQ78    | Calcitonin/calcitonin-dependent protein kinase type II subunit alpha          | CAMK2A  |
| Q14657    | EKC/KEOPS complex subunit LAGE3                                              | LAGE3   |
| Q9UNZ5    | Leydig cell tumor 10 kDa protein homolog                                     | C19orf53|
| P53671    | LIM domain kinase 2                                                           | LIMK2   |
| Accession | Description                                                                 | Protein Name   |
|-----------|-----------------------------------------------------------------------------|----------------|
| O75473    | Leucine-rich repeat-containing G-protein coupled receptor 5                  | LGR5           |
| A6NJ9     | Leucine-rich repeat-containing protein 72                                   | LRRC72         |
| Q96DD0    | Leucine-rich repeat-containing protein 39                                   | LRRC39         |
| A6NIV6    | Leucine-rich repeat and IQ domain-containing protein 4                      | LRRIQ4         |
| Q969R5    | Lethal                                                                      | L3M8T2         |
| Q16553    | Lymphocyte antigen 6E                                                       | LY6E           |
| Q8WVP7    | Limb region 1 protein homolog                                               | LMBR1          |
| Q96KR4    | Leishmanolysin-like peptidase                                               | LMLN           |
| P49901    | Sperm mitochondrial-associated cysteine-rich protein                        | SMCP           |
| Q9Y2E5    | Epididymis-specific alpha-mannosidase                                       | MAN2B2         |
| Q9NWR8    | Calcium unimporter regulatory subunit MCBu, mitochondrial                   | MCUB           |
| Q9N6N6    | Lysophospholipid acyltransferase                                            | MBOAT7         |
| Q3V5L5    | Alpha-1,6-mannosylglycoprotein 6-beta-N-acetylglycosaminytransferase A     | MGAT5B         |
| Q7RT6     | MORN repeat-containing protein 1                                            | MORN1          |
| Q9UQS5    | Alpha-1,3-mannosyl-glycoprotein 4-beta-N-acetylglycosaminytransferase B     | MGAT4B         |
| Q16891    | MICOS complex subunit MIB6                                                | IMMT           |
| Q43196    | MutS protein homolog 5                                                     | MSH5           |
| P09208    | Morphogenetic neuropeptide                                                  | MOS            |
| P00540    | Proto-oncogene serine/threonine-protein kinase mos                          | MOS            |
| Q5T089    | MORN repeat-containing protein 1                                            | MORN1          |
| E2R6F6    | Mucin-22                                                                    | MUC22          |
| Q969V5    | Mitochondrial ubiquitin ligase activator of NFKB 1                          | MUL1           |
| P24844    | Myosin regulatory light polypeptide 9                                       | MYL9           |
| Q38BV0    | Neuroblastoma breakpoint family member 1                                   | NBPF1          |
| Q15788    | Nuclear receptor coactivator 1                                              | NCOA1          |
| Q7TR2     | NLR family CARD domain-containing protein 3                                 | NLRRC3         |
| Q9UL8     | Neurabin-1                                                                  | PPP1R9A        |
| Q14513    | Nck-associated protein 5                                                    | NCKAP5         |
| Q86UR1    | NADPH oxidase activator 1                                                   | NOXA1          |
| Q9Y5S8    | NADPH oxidase 1                                                             | NOX1           |
| P41219    | Peripherin                                                                  | PRPH           |
| P61581    | Endogenous retrovirus group K member 24 Np9 protein                         | ERVK-24        |
| Q14938    | Nuclear factor 1 X-type                                                    | NFIX           |
| Q05586    | Glutamate receptor ionotrope, NMDA 1                                        | GRIN1          |
| P07197    | Neurofilament medium polypeptide                                            | NEFM           |
| Q99463    | Putative neuropeptide Y receptor type 6                                     | NPY6R          |
| P10588    | Nuclear receptor subfamily 2 group F member 6                               | NR2F6          |
| Q9G2T8    | NIF3-like protein 1                                                         | NIF3L1         |
| Q8TDF5    | Neurophin and tolloid-like protein 1                                        | NETO1          |
| Q9UGV2    | Protein NDRG3                                                               | NDRG3          |
| Q8WVJ2    | NudC domain-containing protein 2                                            | NUDCD2         |
| P34982    | Olfactory receptor 1D2                                                      | OR1D2          |
| Q0NHC8    | Olfactory receptor 2T6                                                      | OR2T6          |
| Accession | Description | Enzyme |
|-----------|-------------|--------|
| P29803    | Pyruvate dehydrogenase E1 component subunit alpha, testis-specific form, mitochondrial | PDHA2  |
| Q96PE5    | Opalin     | OPALIN |
| O8NGG0    | Olfactory receptor 8J3 | OR8J3  |
| Q8NH10    | Olfactory receptor 8U1 | OR8U1  |
| Q8NJ0     | Putative inactive phosphatidylinositol 4-kinase alpha-like protein P1 | PI4KAP1 |
| Q7Z7B1    | Phosphatidylinositol-glycan biosynthesis class W protein | PIGW   |
| A6NFU8    | Pyroglutamyl-peptidase 1-like protein | PGPEP1L |
| Q53GA4    | Pleckstrin homology-like domain family A member 2 | PHLD2  |
| Q9Y5J5    | Pleckstrin homology-like domain family A member 3 | PHLD3  |
| Q96GD0    | Pyridoxal phosphate phosphatase | PDXP   |
| P63128    | Endogenous retrovirus group K member 9 Pol protein | ERVK-9 |
| P02776    | Platelet factor 4 | PF4    |
| Q8N819    | Probable protein phosphatase 1N | PPM1N  |
| Q13522    | Protein phosphatase 1 regulatory subunit 1A | PPP1R1A |
| P13797    | Plastin-3 | PLS3   |
| Q6ZM10    | Protein phosphatase 1 regulatory subunit 21 | PPP1R21 |
| Q8N3E9    | 1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase delta-3 | PLC3D  |
| Q6ZR37    | Pleckstrin homology domain-containing family G member 7 | PLEKH7  |
| Q15111    | Inactive phospholipase C-like protein 1 | PLCL1  |
| Q75569    | Interferon-inducible double-stranded RNA-dependent protein kinase activator A | PRKRA  |
| Q8IYP2    | Serine protease 58 | PRSS58 |
| Q5VT8     | Pre-mRNA-splicing factor 3B | PRPF3B |
| P86478    | Proline-rich protein 20E | PRPR20E |
| Q96S44    | EKC/KEOPS complex subunit 1 | TP53RK |
| Q5WVM6    | Putative PRAME family member | PRAMEF13 |
| O43277    | Proline dehydrogenase 1, mitochondrial | PRODH  |
| Q9Y520    | Protein PRRC2C | PRRC2C |
| Q13162    | Peroxiredoxin-4 | PRDX4  |
| Q6H9L7    | Isthmin-2 | ISM2   |
| Q72Z20    | Keratin, type I cytoskeletal 25 | KRT25  |
| P57087    | Junctional adhesion molecule B | JAM2   |
| Q6PF15    | Kelch-like protein 35 | KLHLC3 |
| Q2WGJ6    | Kelch-like protein 38 | KLHLC38 |
| Q9Y6M4    | Casein kinase I isoform gamma-3 | CSNK1G3 |
| Q13555    | Calcium/calmodulin-dependent protein kinase type II subunit gamma | CAMK2G |
| Q8ZL14    | Beta-klotho | KLB    |
| A0A0U1RQI7| Kruppel-like factor 18 | KLF18  |
| Q9B0Q0    | Kelch domain-containing protein | KLHDC3 |
| O43790    | Keratin, type II cuticular Hb6 | KRT86  |
| P01597    | Immunoglobulin kappa variable 1-39 | IGKV1-39 |
| P01042    | Kininogen-1 | KNG1   |
| Q9BU75    | MICOS complex subunit 26 | MIC26  |
| Q6N32     | N | METTL4 |
| Q9Y4C4    | Malignant fibrous histiocytoma-amplified sequence 1 | MFHAS1 |
| PDB ID | Protein Name                                      | Short Name |
|--------|--------------------------------------------------|------------|
| Q9UKD2 | mRNA turnover protein 4 homolog                  | MRTO4      |
| Q9HC36 | tRNA methyltransferase 3, mitochondrial           | MRM3       |
| P07438 | Metallothionein-1B                               | MT1B       |
| Q3MW9  | Mucin-like protein 3                              | MUC1L3     |
| P46734 | Dual specificity mitogen-activated protein kinase | MAP2K3     |
| Q96RE7 | Nucleus accumbens-associated protein 1            | NACC1      |
| P52961 | GPI-linked NAD ART1                              | ART1       |
| A2RRP1 | Neuroblastoma-amplified sequence                  | NBAS       |
| Q9UH9Q9| NADH-cytochrome b5 reductase 1                   | CYB5R1     |
| Q9H904 | Neuroblastoma breakpoint family member 3         | NBPF3      |
| Q9BX1  | Nucleoporin NDC1                                 | NDC1       |
| Q1Z2D3 | Myosin-binding protein H                          | MYBH       |
| P10244 | Myb-related protein B                             | MYBL2      |
| Q9UKZ9 | Procollagen C-endopeptidase enhancer 2           | PCOLCE2    |
| Q15119 | PDK2                                             |            |
| Q9BQ51 | Programmed cell death 1 ligand 2                 | PDCD1LG2   |
| Q8IA1  | Purkinje cell protein 2 homolog                  | PCP2       |
| Q9Y54  | Prostaglandin D2 receptor 2                       | PTGDR2     |
| Q9Y5N5 | Methyltransferase N6AMT1                          | N6AMT1     |
| P20591 | Interferon-induced GTP-binding protein Mx1       | MX1        |
| Q99836 | Myeloid differentiation primary response protein | MYD88      |
| Q71R56 | Sodium/potassium/calcium exchanger 5             | SLC24A5    |
| P51957 | Serine/threonine-protein kinase Nek4             | NEK4       |
| P51956 | Serine/threonine-protein kinase Nek3             | NEK3       |
| Q92859 | Neogenin                                         | NEO1       |
| Q16718 | NADH dehydrogenase                               | NDUFA5     |
| Q9P0J0 | NADH dehydrogenase                               | NDUFA13    |
| Q9NG6Y | Olfactory receptor 6N2                           | OR6N2      |
| Q14990 | Outer dense fiber protein 1                      | ODF1       |
| P2B8P0 | Transcription factor Ovo-like 2                  | OVOL2      |
| Q9YS30 | ADP-ribose glycohydrolase OARD1                  | OARD1      |
| Q8NGP8 | Olfactory receptor 5M1                           | OR5M1      |
| Q9HG64 | tRNA                                              | NSUN3      |
| Q12908 | ileal sodium/bile acid cotransporter             | SLC10A2    |
| Q8NGJ7 | Olfactory receptor 51A2                          | OR51A2     |
| Q8NH70 | Olfactory receptor 4A16                          | OR4A16     |
| Q8NH95 | Putative olfactory receptor 13C6                 | OR13C6P    |
| Q99W71 | P2X purnocepheter 4                              | P2RX4      |
| Q9KX4  | Olfactory receptor 10C1                          | OR10C1     |
| Q9NG57 | Olfactory receptor 13C8                          | OR13C8     |
| Q15S47 | P2X purnocepheter 8                              | P2RX6      |
| P10451 | Osteopontin                                      | SPPI       |
| P21953 | 2-oxoisovalerate dehydrogenase subunit beta,     | BCKDHB     |
| Q15645 | Pachytyne checkpoint protein 2 homolog           | TRIP13     |
| Q4VXU2 | Polyadenylate-binding protein 1-like             | PABP1L     |
| Q5IQF8 | Polyadenylate-binding protein 1-like 2           | PABP1L2A   |
| Q9NRI5 | Poly                                             | PAPOLB     |
| Q8NG3  | Olfactory receptor 2M3                           | OR2M3      |
| Q9Y5E5 | Protocadherin beta-4                             | PCDHB4     |
| Q6P996 | Pyridoxal-dependent decarboxylase domain-containing protein 1 | PDXDC1 |
| Q9BY77 | Polymerase delta-interacting protein 3 | POLDIP3 |
| Q8N8D1 | Programmed cell death protein 7 | PDCD7 |
| Q8NBR0 | Tumor protein p53-inducible protein 13 | TP53I13 |
| Q9UIL8 | PHD finger protein 11 | PHF11 |
| Q8IV76 | Circadian clock protein PASD1 | PASD1 |
| P10619 | Lysosomal protective protein CTSA |
| Q95397 | Putative protease PLEKHA9 | PLEKHA8P1 |
| P0CW18 | Serine protease 56 | PRSS56 |
| P78386 | Keratin, type II cuticular Hb5 | KRT85 |
| P51787 | Potassium voltage-gated channel subfamily KQT member 1 | KCNQ1 |
| Q60870 | DNA/RNA-binding protein KIN17 | KIN |
| P59991 | Keratin-associated protein 12-2 | KRTAP12-2 |
| Q99712 | ATP-sensitive inward rectifier potassium channel 15 | KCNJ15 |
| Q16774 | Guanylate kinase GUK1 |
| Q8IUG1 | Keratin-associated protein 1-3 | KRTAP1-3 |
| P26371 | Keratin-associated protein 5-9 | KRTAP5-9 |
| A0AUZ9 | KAT8 regulatory NSL complex subunit 1-like protein | KANSL1L |
| Q7L273 | BTB/POZ domain-containing protein KCTD9 | KCTD9 |
| Q9Y6C7 | Putative uncharacterized protein encoded by LIN00312 | LIN00312 |
| Q13753 | Laminin subunit gamma-2 | LAMC2 |
| P06239 | Tyrosine-protein kinase Lck | LCK |
| Q96PV6 | Leukocyte receptor cluster member 8 | LENC8 |
| A6PVS8 | Leucine-rich repeat and IQ domain-containing protein 3 | LRRIQ3 |
| P58215 | Lysyl oxidase homolog 3 | LOXL3 |
| Q9Y608 | Leucine-rich repeat flightless-interacting protein 2 | LRRFIP2 |
| P20774 | Mimecan | OGN |
| Q9NQG6 | Mitochondrial dynamics protein MID51 | MIEF1 |
| Q14165 | Malectin | MLEC |
| A0A1B0GUY1 | MARCO-like protein | MARCOL |
| Q9UBG0 | C-type mannose receptor 2 | MRC2 |
| Q8N3F0 | Maturin | MTURN |
| A4FU01 | Myotubularin-related protein 11 | MTMR11 |
| Q9UHE5 | N-acetyltransferase 8 | NAT8 |
| Q13765 | Nascent polypeptide-associated complex subunit alpha | NACA |
| Q9UK23 | N-acetylglucosamine-1-phosphodiester alpha-N-acetylglucosaminidase | NAGPA |
| Q96009 | Napsin-A | NAPSA |
| P20592 | Interferon-induced GTP-binding protein Mx2 | MX2 |
| Q5TI25 | Neuroblastoma breakpoint family member 14 | NBPF14 |
| P52298 | Nuclear cap-binding protein subunit 2 | NCBP2 |
| O00541 | Pescadillo homolog | PES1 |
| Q9HCH0 | Nick-associated protein 5-like | NCKAP5L |
| P26718 | NKG2-D type II integral membrane protein | KLRK1 |
| P21452 | Substance-K receptor | TACR2 |
| Q969F2 | Protein naked cuticle homolog 2 | NKD2 |
| Q8IVV8 | Sodium/potassium-transporting ATPase subunit beta-1-interacting protein 4 | NKAIN4 |
| ID     | Protein Name                                | Accession |
|-------|---------------------------------------------|-----------|
| P29120 | Neuroendocrine convertase 1                 | PCSK1     |
| P78426 | Homeobox protein Nkx-6.1                    | NKK6-1    |
| Q6NVV3 | Magnesium transporter NIPA3                 | NIPAL1    |
| O15118 | NPC intracellular cholesterol transporter 1 | NPC1      |
| Q94818 | Nucleolar protein 4                         | NOL4      |
| P40261 | Nicotinamide N-methyltransferase NNMT       |           |
| P48145 | Neuropeptides B/W receptor type 1           | NPBWR1    |
| Q8N183 | NADH dehydrogenase                         | NDUF2     |
| Q9Y3C1 | Nucleolar protein 16                        | NOP16     |
| P08473 | Nepriysin                                   | MME       |
| Q6PJE2 | POM121 and SP3 fusion protein               | POMZP3    |
| P30990 | Neurotensin/neuromedin N                   | NTS       |
| O95897 | Noelmin-2                                   | OLFM2     |
| Q9K2K4 | Olfactory receptor 2H1                      | OR2H1     |
| Q8WZB4 | Olfactory receptor 8D1                      | OR8D1     |
| Q8YS1  | Peptidase M20 domain-containing protein 2   | PM20D2    |
| Q16822 | Phosphoenolpyruvate carboxykinase           | PCK2      |
| Q9BRP1 | Programmed cell death protein 2-like        | PDCD2L    |
| Q9NPJ4 | Proline-rich nuclear receptor coactivator 2 | PNRC2     |
| Q9UNP9 | Peptidyl-prolyl cis-trans isomerase E       | PPIE      |
| Q96001 | Protein phosphatase 1 regulatory subunit 17  | PPP1R17   |
| Q9NYT0 | Pleckstrin-2                                | PLEK2     |
| P12727 | Creatine kinase B-type                      | CKB       |
| Q99542 | Matrix metalloproteinase-19                 | MMP19     |
| P08254 | Stromelysin-1                               | MMP3      |
| Q8W5D5 | Major facilitator superfamily domain-containing protein 6-like | MFSD6L |
| Q10469 | Alpha-1,6-mannosyl-glycoprotein 2-beta-N-acetylglucosaminyltransferase | MGAT2 |
| P39210 | Protein Mpv17                               | MPV17     |
| Q43482 | Protein Mis18-beta                          | OIP5      |
| P12872 | Promotilin                                  | MLN       |
| Q9ULC0 | Endomucin                                   | EMCN      |
| Q9NZV6 | Methionine-R-sulfoxide reductase B1         | MSRB1     |
| P49286 | Melatonin receptor type 1B                  | MTNR1B    |
| Q9JPR5 | Sodium/calcium exchanger 2                  | SLC8A2    |
| Q96HR8 | H/ACA ribonucleoprotein complex non-core subunit NAF1 | NAF1 |
| Q8TBE9 | N-acylneuraminate-9-phosphatase             | NANP      |
| Q6WY41 | Nanos homolog 1                             | NANOS1    |
| Q8N159 | N-acetylglutamate synthase, mitochondrial    | NAGS      |
| Q9613 | Pericentrin                                 | PCNT      |
| Q69YI7 | Nuclear apoptosis-inducing factor 1         | NAIF1     |
| Q96OE2 | Proton myo-inositol cotransporter           | SLC2A13   |
| Q9UIF7 | Adenine DNA glycosylase                     | MUTYH     |
| Q90JP2 | Unconventional myosin-XVB                   | MYO1B     |
| P32418 | Sodium/calcium exchanger 1                  | SLC8A1    |
| Q95544 | NAD kinase                                  | NADK      |
| P19878 | Neutrophil cytosol factor 2                 | NCF2      |
| Q5TAG4 | Neuroblastoma breakpoint family member 12   | NBPF12    |
| Q15080 | Neutrophil cytosol factor 4                 | NCF4      |
| P19404 | NADH dehydrogenase                          | NDUF2     |
| P52179 | Myomesin-1                                  | MYOM1     |
| Q9N6P64 | Nucleolar protein of 40 kDa                | ZCCHC17   |
| Q99PW8 | Protein NipSnap homolog 1                   | NIPSNAPl  |
| P46934 | E3 ubiquitin-protein ligase NEDD4           | NEDD4     |
| Accession | Description                                      | Accession | Description                                      |
|-----------|--------------------------------------------------|-----------|--------------------------------------------------|
| Q96P71    | N-terminal EF-hand calcium-binding protein 3     | NECAB3    |                                                  |
| Q8NFZ3    | Neuroligin-4, Y-linked                           | NLGN4Y    |                                                  |
| P48146    | Neuropeptides B/W receptor type 2                | NBWR2     |                                                  |
| Q96000    | NADH dehydrogenase                               | NDUFB10   |                                                  |
| O60551    | Glycolipid N-tetradecanoyltransferase 2          | NMT2      |                                                  |
| Q330K2    | NADH dehydrogenase                               | NDUFAF6   |                                                  |
| Q75306    | NADH dehydrogenase                               | NDUFS2    |                                                  |
| Q14207    | Protein NPAT                                      | NPAT      |                                                  |
| Q14494    | Endoplasmic reticulum membrane sensor NFE2L1     | NFE2L1    |                                                  |
| P21359    | Neurofibromin                                    | NFI       |                                                  |
| Q8IXH7    | Negative elongation factor C/D                   | NELFCD    |                                                  |
| Q9ULP0    | Protein NDRG4                                     | NDRG4     |                                                  |
| Q9NQ35    | Nuclear receptor-interacting protein 3           | NRIP3     |                                                  |
| P0C025    | Nucleoside diphosphate-linked moiety X motif 17  | NUDT17    |                                                  |
| Q13416    | Origin recognition complex subunit 2             | ORC2      |                                                  |
| O60412    | Olfactory receptor 7C2                           | OR7C2     |                                                  |
| P41143    | Delta-type opioid receptor                        | OPRD1     |                                                  |
| A6NL26    | Olfactory receptor 5B21                          | OR5B21    |                                                  |
| Q8NH87    | Olfactory receptor 9G1                           | OR9G1     |                                                  |
| Q8NGV0    | Olfactory receptor 2Y1                           | OR2Y1     |                                                  |
| Q8NH4H4   | Nucleoporin Nup37                                 | NUP37     |                                                  |
| Q9NZP5    | Olfactory receptor SAC2                          | OR5AC2    |                                                  |
| A0A096LPK9| Olfactory receptor 4N4C                          | OR4N4C    |                                                  |
| Q95206    | Protocadherin-8                                  | PCDH8     |                                                  |
| Q3KNV8    | Polycomb group RING finger protein 3             | PCGF3     |                                                  |
| Q9H4B0    | Probable tRNA N6-adenosine threonylcarbamoyltransferase, mitochondrial | OSGEPL1  |                                                  |
| Q86WK9    | Membrane progestin receptor alpha                 | PAQR7     |                                                  |
| P35227    | Polycomb group RING finger protein 2              | PCGF2     |                                                  |
| Q9NPB6    | Partitioning defective 6 homolog alpha           | PARD6A    |                                                  |
| Q9Y5F2    | Protocadherin beta-11                            | PCDHB11   |                                                  |
| Q98YG4    | Partitioning defective 6 homolog gamma            | PARD6G    |                                                  |
| Q9UN74    | Protocadherin alpha-4                            | PCDHA4    |                                                  |
| Q8NC51    | Plasminogen activator inhibitor 1 RNA-binding protein | SERBP1   |                                                  |
| Q96RV3    | Pecanex-like protein 1                           | PCNX1     |                                                  |
| Q9Y5H5    | Protocadherin alpha-9                            | PCDHA9    |                                                  |
| Q9NX66    | Transmembrane prolyl 4-hydroxylase               | P4HTM     |                                                  |
| Q14554    | Protein disulfide-isomerase A5                    | PDIAS5    |                                                  |
| Q9PZJ9    | PDP2                                             |           |                                                  |
| Q9Y2S7    | Polymerase delta-interacting protein 2            | POLDIP2   |                                                  |
| Q96GU1    | P antigen family member 5                        | PAGE5     |                                                  |
| O15460    | Prolyl 4-hydroxylase subunit alpha-2              | P4HA2     |                                                  |
| Q99447    | Ethanolamine-phosphate cytidylyltransferase       | PCYT2     |                                                  |
| Q8NBV8    | Prenylcysteine oxidase-like                      | PCYX1L    |                                                  |
| Q58A44    | Prostate collagen triple helix protein            | PCOTH     |                                                  |
| Q8NDX5    | Polyhomeotic-like protein 3                       | PHC3      |                                                  |
| P80108    | Phosphatidylinositol-glycan-specific phospholipase D | GLPD1    |                                                  |
| Protein ID | Gene Name | Description |
|------------|-----------|-------------|
| Q96BK5 | PIN2/TERF1-interacting telomerase inhibitor 1 | PINX1 |
| P05164 | Myeloperoxidase | MPO |
| P54278 | Mismatch repair endonuclease PMS2 | PMS2 |
| Q8NBV4 | Inactive phospholipid phosphatase 7 | PLPP7 |
| Q726Z6 | Patatin-like phospholipase domain-containing protein 5 | PNPLA5 |
| P01602 | Immunoglobulin kappa variable 1-5 | IGKV1-5 |
| Q8NC56 | LEM domain-containing protein 2 | LEMD2 |
| Q9Y4W2 | Ribosomal biogenesis protein LAS1L | LAS1L |
| P04180 | Phosphatidylcholine-sterol acyltransferase | LCAT |
| Q9UIQ6 | Leucyl-cystinyl aminopeptidase | LNPEP |
| Q9Y4X4 | Krueppel-like factor 12 | KLF12 |
| Q9HBW1 | Leucine-rich repeat-containing protein 4 | LRRC4 |
| O43325 | LYR motif-containing protein 1 | IGLV2-23 |
| P59942 | Mitochondrial coiled-coil domain protein 1 | MCCD1 |
| Q96A72 | Protein mago nashi homolog 2 | MAGOH2 |
| Q9NRN9 | rRNA N6-adenosine- methyltransferase METTL5 | METTL5 |
| Q6UXV4 | MICOS complex subunit MIC27 | APOOL |
| Q9UNW1 | Multiple inositol polyphosphate phosphatase 1 | MNPP1 |
| P01705 | Immunoglobulin lambda variable 2-23 | IGLV2-23 |
| Q96BY2 | Modulator of apoptosis 1 | MOAP1 |
| P35458 | Homeobox protein MSX-2 | MSX2 |
| P55157 | Microsomal triglyceride transfer protein large subunit | MTP |
| Q9Y4I5 | Tesmin | TESMIN |
| Q9H3R2 | Mucin-13 | MUC13 |
| Q96S30 | Neurobeachin-like protein 1 | NBEAL1 |
| Q99H0A0 | RNA cytidine acyltransferase | NAT10 |
| Q96NK8 | Neurogenic differentiation factor | NEUROD6 |
| O15439 | Multidrug resistance-associated protein 4 | ABCC4 |
| Q968Y2 | Modulator of apoptosis 1 | MOAP1 |
| P95518 | Homeobox protein MSX-2 | MSX2 |
| P55157 | Microsomal triglyceride transfer protein large subunit | MTP |
| Q9Y4I5 | Tesmin | TESMIN |
| Q9H3R2 | Mucin-13 | MUC13 |
| Q96S30 | Neurobeachin-like protein 1 | NBEAL1 |
| Q99H0A0 | RNA cytidine acyltransferase | NAT10 |
| Q96NK8 | Neurogenic differentiation factor | NEUROD6 |
| O15439 | Multidrug resistance-associated protein 4 | ABCC4 |
| Q968Y2 | Modulator of apoptosis 1 | MOAP1 |
| P95518 | Homeobox protein MSX-2 | MSX2 |
| P55157 | Microsomal triglyceride transfer protein large subunit | MTP |
| Q9Y4I5 | Tesmin | TESMIN |
| Q9H3R2 | Mucin-13 | MUC13 |
| Q96S30 | Neurobeachin-like protein 1 | NBEAL1 |
| Q99H0A0 | RNA cytidine acyltransferase | NAT10 |
| Q96NK8 | Neurogenic differentiation factor | NEUROD6 |
| O15439 | Multidrug resistance-associated protein 4 | ABCC4 |
| Q968Y2 | Modulator of apoptosis 1 | MOAP1 |
| P95518 | Homeobox protein MSX-2 | MSX2 |
| P55157 | Microsomal triglyceride transfer protein large subunit | MTP |
| P42336 | Phosphatidylinositol 4,5-bisphosphate 3-kinase catalytic subunit alpha isoform | PIK3CA |
| Q96T49 | Protein phosphatase 1 regulatory inhibitor subunit 16B | PPP1R16B |
| Q60240 | Perilipin-1 | PNN1 |
| Q16512 | Serine/threonine-protein kinase N1 | PKN1 |
| A6NEC2 | Puromycin-sensitive aminopeptidase-like protein | NPEPPSL1 |
| Q9NW61 | Pleckstrin homology domain-containing family J member 1 | PLEKJ1 |
| Q96S07 | Proline-rich protein 25 | PRR25 |
| O43464 | Serine/threonine-protein kinase N1 | PKN1 |
| Q9Y251 | Heparanase | HPSE |
| P01762 | Immunoglobulin heavy variable 3-11 | IGHV3-11 |
| Q96RP8 | Potassium voltage-gated channel subfamily A member 7 | KCNA7 |
| Q99707 | Methionine synthase | MTR |
| Q60253 | 72 kDa type IV collagenase | MMP2 |
| Q86YR7 | Probable guanine nucleotide exchange factor MCF2L2 | MCF2L2 |
| Q6ZSM3 | Monocarboxylate transporter 12 | SLC16A12 |
| Accession | Description                                      | Name   |
|-----------|--------------------------------------------------|--------|
| P03891    | NADH-ubiquinone oxidoreductase chain 2           | MT-ND2 |
| Q32CN5    | Otoxin-like protein                              | OTOGL  |
| Q43612    | Orexin                                           | HCRT   |
| Q8NH81    | Olfactory receptor 2V1                          | OR2V1  |
| A8MW92    | PHD finger protein 20-like protein 1             | PHF20L1|
| Q6TGC4    | Protein-arginine deaminase type-                 | PAD16  |
| Q15004    | PCNA-associated factor                           | PCLAF  |
| Q8NH86    | PACRG-like protein                               | PARG   |
| Q86V24    | Adiponectin receptor protein 2                   | ADIPOR2|
| Q72Z7P    | P antigen family member 2                        | PAGE2  |
| Q95611    | Protocadherin alpha-11                          | PCDHA11|
| Q9NRA1    | Platelet-derived growth factor C                | PDGFC  |
| Q9NQ5U    | Serine/threonine-protein kinase PAK 6            | PAK6   |
| Q9H6A9    | Pecanex-like protein 3                           | PCNX3  |
| Q96LB8    | Peptidoglycan recognition protein 4              | PGYRP4 |
| Q6IN85    | Serine/threonine-protein phosphatase 4 regulatory subunit 3A | PPP4R3A|
| Q13608    | Peroxisome assembly factor 2                     | PEX6   |
| Q9NJU4    | Plexin-B3                                        | PLXNB3 |
| Q5EB8     | PDZ domain-containing protein 11                 | PDZD11 |
| Q9NUJ2    | Paraneoplastic antigen Ma2                       | PNMA2  |
| Q6SBJ3    | POTE ankyrin domain family member E              | POTE   |
| Q6FEZ8    | Podocan-like protein 1                           | PODNL1 |
| Q9H237    | Protein-serine O-palmitoleoyltransferase porcupine | PORCN |
| Q8VE3     | Pleckstrin homology domain-containing family H member 2 | PLEKHH2|
| Q7Z443    | Polycystic kidney disease protein 1-like 3       | PKD1L3 |
| Q9BQQR    | Serine protease 27                               | PRSS27 |
| Q9J084    | Serine protease 23                               | PRSS23 |
| P54821    | Paired mesoderm homeobox protein 1               | PRRX1  |
| Q15735    | Phosphatidylinositol 4,5-bisphosphate 5-phosphatase A | INPP5J |
| P23759    | Paired box protein Pax-7                         | PAX7   |
| Q9BUH6    | Protein PAXX                                    | PAXX   |
| Q96T60    | Peroxisomal membrane protein PEX14               | PEX14  |
| Q966T0    | Bifunctional polynucleotid phosphatase/kinase    | PNKP   |
| P35408    | Prostaglandin E2 receptor EP4 subtype            | PTGER4 |
| Q43608    | Peroxisomal membrane protein PMP34               | SLC25A17|
| A2A3K4    | Protein tyrosine phosphatase domain-containing protein 1 | PTPDC1 |
| Q996J8    | Serine/threonine/tyrosine-interacting-like protein 1 | STYXL1 |
| Q16831    | Uridine phosphorylase 1                          | UPP1   |
| Q96IR9    | Trace amine-associated receptor 9                | TAAR9  |
| Q9P1P5    | Trace amine-associated receptor 2                 | TAAR2  |
| Q9N3H0    | Chemokine-like protein TAFA-2                    | TAFA2  |
| Q5Q74     | Tubulin-specific chaperone cofactor E-like protein | TBCEL  |
| Q86TM6    | E3 ubiquitin-protein ligase synoviolin           | SVVN1  |
| Q6XYQ8    | Synaptotagmin-10                                 | SYT10  |
| Accession Number | Protein Name                                      | Description                                                                 |
|------------------|--------------------------------------------------|----------------------------------------------------------------------------|
| Q9P016           | Thymocyte nuclear protein 1                      | THYN1                                                                      |
| B4DZS4           | T-complex protein 11 X-linked protein 1           | TCP11X1                                                                    |
| Q7L7X3           | Serine/threonine-protein kinase TAO1             | TAO1                                                                       |
| Q6PEY2           | Tubulin alpha-3 chain                            | TUBA3E                                                                      |
| Q969V4           | Tekin-1                                          | TEKT1                                                                      |
| Q9B5F4           | Mitochondrial import inner membrane translocase subunit Tim29 | TIMM29                                                                    |
| Q8IURO           | Trafficking protein particle complex subunit 5   | TRAPPC5                                                                    |
| Q9NRJ4           | Tubby-related protein 4                          | TULP4                                                                      |
| Q81AM2           | Tetratricopeptide repeat protein 8               | TTC8                                                                       |
| Q7L7X3           | T cell receptor alpha variable 9-2               | TRAV9-2                                                                    |
| Q96PP4           | Testis-specific gene 13 protein                  | TSAG13                                                                     |
| D6RBM5           | Putative ubiquitin carboxy-terminal hydrolase 17-like protein 23 | USP17L23                                                                |
| P07911           | Uromodulin                                       | UMOD                                                                       |
| Q15029           | 116 kDa US small nuclear ribonucleoprotein component | EFTUD2                                                                  |
| P10599           | Thioredoxin                                      | TXN                                                                        |
| Q94YG6           | Talin-2                                          | TLN2                                                                       |
| Q8HY95           | Transmembrane protein 192                        | TMEM192                                                                    |
| P37173           | TGF-beta receptor type-2                         | TGFBR2                                                                    |
| Q8ITM9           | E3 ubiquitin-protein ligase                      | TRIM22                                                                     |
| Q512D2           | Trem-like transcript 2 protein                   | TREML2                                                                    |
| Q9NZQ9           | Tropomodulin-4                                   | TMOD4                                                                      |
| Q98X59           | Tapasin-related protein                          | TAPBPL                                                                     |
| P07911           | T cell receptor delta diversity 1                | TRDD1                                                                      |
| Q6P69            | Tripartite motif-containing protein 65           | TRIM65                                                                     |
| Q8N7C3           | Probable E3 ubiquitin-protein ligase             | TRIM2L                                                                     |
| Q969Z4           | Tumor necrosis factor receptor superfamily member 19L | RELT                                                                       |
| Q95660           | tRNA pseudouridine synthase A                    | PUS1                                                                       |
| Q8NDW8           | Tetratricopeptide repeat protein 21A             | TTC21A                                                                     |
| A8MYJ7           | Tetratricopeptide repeat protein 34              | TTC34                                                                      |
| A6PCV2           | Protein monoglycylase TLL8                       | TLL8                                                                       |
| A0A0B44266       | T cell receptor alpha variable 39                | TRAV39                                                                     |
| Q9BY10           | Thymic stromal cotransporter homolog             | SLC46A2                                                                    |
| Q6PGP7           | Tetratricopeptide repeat protein 37              | TTC37                                                                      |
| P30536           | Translocator protein                             | TSPO                                                                       |
| Q12792           | Twinfilin-1                                      | TWF1                                                                       |
| Q94759           | Transient receptor potential cation channel subfamily M member 2 | TRPM2                                                                    |
| P6I086           | Ubiquitin-conjugating enzyme E2 K                | UBE2K                                                                      |
| Q16881           | Thioredoxin reductase 1, cytoplasmic              | TXNRD1                                                                     |
| Q9P2D8           | Protein unc-79 homolog                           | UNC79                                                                      |
| Q75795           | UDP-glucuronyltransferase                        | UGT2B17                                                                    |
| Q14795           | Protein unc-13 homolog B                         | UNC13B                                                                     |
| P35604           | UDP-glucuronyltransferase 1A5                     | UGT1A5                                                                     |
| O60701           | UDP-glucose 6-dehydrogenase                      | UGDH                                                                       |
| O00124           | UBX domain-containing protein 8                  | UBXN8                                                                      |
| Q6IPR3           | tRNA wybutosine-synthesizing protein 3 homolog    | TYW3                                                                       |
| Q96NG5           | Zinc finger protein 558                          | ZNF558                                                                     |
| Q9UU3             | Zinc finger protein 112                          | ZNF112                                                                     |
| Q96N94           | Trace amine-associated receptor 8                | TAAR8                                                                      |
| Accession | Description                                                                 | Protein Name |
|-----------|------------------------------------------------------------------------------|--------------|
| Q9BQ87    | F-box-like/WD repeat-containing protein TBL1Y                                 | TBL1Y        |
| P57105    | Synaptojanin-2-binding protein                                                | SYNJ2BP      |
| Q92609    | TBC1 domain family member 5                                                  | TBC1D5       |
| A0A0877WVF3 | TBC1 domain family member 3D                                                | TBC1D3D      |
| O15119    | T-box transcription factor TBX3                                              | TBX3         |
| Q495A1    | T-cell immunoreceptor with Ig and ITIM domains                               | TIGIT        |
| Q3YBM2    | Transmembrane protein 176B                                                   | TEMEM1768    |
| P31314    | T-cell leukemia homeobox protein 1                                            | TLX1         |
| Q9BSI4    | TERF1-interacting nuclear factor 2                                            | TINF2        |
| P59533    | Taste receptor type 2 member 38                                               | TAS2R38      |
| Q8IU0E0   | Homeobox protein TGF2LY                                                      | TGF2LY       |
| Q9YS5M6   | Oculomedin                                                                    | OCLM         |
| A0A00MT70 | T cell receptor beta joining 2-6                                              | TRBJ2-6      |
| Q5JRA6    | Transport and Golgi organization protein 1 homolog                          | MIA3         |
| Q60704    | Protein-tyrosine sulfotransferase 2                                           | TRPST2       |
| Q16890    | Tumor protein D53                                                            | TPDS2L1      |
| Q9UL33    | Trafficking protein particle complex subunit 2-like protein                  | TRAPPCC2L    |
| Q5JU69    | Torsin-2A                                                                    | TOR2A        |
| A0JD37    | T cell receptor delta variable 3                                              | TRDV3        |
| Q63HK5    | Teashirt homolog 3                                                           | TSHZ3        |
| A0A599    | T cell receptor beta variable 5-6                                              | TRBV5-6      |
| C9J2P7    | Ubiquitin carboxyl-terminal hydrolase 17-like protein 15                     | USP17L15     |
| P0C7H9    | Inactive ubiquitin carboxyl-terminal hydrolase 17-like protein 7              | USP17L7      |
| Q8WVZ1    | Palmitoyltransferase ZDHHC19                                                  | ZDHHC19      |
| Q81Y9B    | Zinc finger protein 595                                                       | ZNF595       |
| Q9H7X3    | Zinc finger protein 696                                                       | ZNF696       |
| A6NN14    | Zinc finger protein 729                                                       | ZNF729       |
| O14817    | Transmembrane protein 184B                                                    | TSPAN4       |
| Q9H143    | Beta-synuclein                                                               | SNCB         |
| Q16835    | Talazin                                                                      | TAZ          |
| Q93075    | Putative deoxyribonuclease TADT2                                               | TADT2        |
| Q9UQ3P3   | Tenascin-N                                                                   | TNN          |
| Q9BW92    | Threonine--tRNA ligase, mitochondrial                                         | TARS2        |
| O14817    | Tetraspanin-4                                                                | TSPAN4       |
| P53804    | E3 ubiquitin-protein ligase TTC3                                              | TTC3         |
| Q98X7A    | Testis-specific serine/threonine-protein kinase 1                            | TSSK1B       |
| A0A1B0GXF2 | T cell receptor beta variable 7-2                                             | TRBV7-2      |
| A0A0A0MS04 | Probable non-functional T cell receptor beta variable 6-7                   | TRBV6-7      |
| A0A1B0GX31 | Probable non-functional T cell receptor beta variable 6-7                   | TRBV6-7      |
| A0A1B0GX49 | T cell receptor beta variable 6-4                                            | TRBV6-4      |
| Q969E3    | Urocortin-3                                                                  | UCN3         |
| Q96K76    | Ubiquitin carboxyl-terminal hydrolase 47                                      | USP47        |
| H0YL09    | Putative ubiquitin-conjugating enzyme E2Q2-like protein                      | UBE2Q2L      |
| O75691    | Small subunit processome component 20 homolog                               | UTP20        |
| O14817    | V-type proton A1Pase subunit D                                               | ATP6V1D      |
| Q50552 | Vasodilator-stimulated phosphoprotein | VASP |
| Q9Y2T7 | Y-box-binding protein 2 | YBX2 |
| A6NHS1 | Putative uncharacterized protein | ENSP00000347057 |
| Q62RX8 | Putative uncharacterized protein | FLJ45999 |
| A6NYJ4 | Putative transmembrane protein | LOC100289255 |
| Q9Y5A9 | YTH domain-containing family protein 2 | YTHDF2 |
| Q9H4Z2 | Zinc finger protein 335 | ZNF335 |
| Q62NZ9 | Zinc finger protein 705A | ZNF705A |
| Q9Y330 | Zinc finger and B1B domain-containing protein 12 | ZBTB12 |
| Q5TFG8 | Zinc finger C2HC domain-containing protein 1B | ZC2HC1B |
| Q9UDB2 | Light junction protein ZO-2 | TJP2 |
| Q8NSN7 | Zinc finger CCHC domain-containing protein 9 | ZCCHC9 |
| P49910 | Zinc finger protein 165 | ZNF165 |
| P35789 | Zinc finger protein 93 | ZNF93 |
| Q6P5A3 | Zinc finger protein 549 | ZNF549 |
| Q8TRP4 | Zinc finger CCHC-type and RNA-binding motif-containing protein 4 | ZCRB1 |
| Q6NYJ4 | Zinc finger CCHC domain-containing protein 8 | ZCCHC8 |
| Q15973 | Zinc finger protein 124 | ZNF124 |
| Q75346 | Zinc finger protein 253 | ZNF253 |
| Q9HGC6 | Zinc finger protein 186 | ZNF186 |
| Q6AZW8 | Zinc finger protein 660 | ZNF660 |
| Q14628 | Zinc finger protein 195 | ZNF195 |
| Q14709 | Zinc finger protein 197 | ZNF197 |
| Q9S947 | T-box transcription factor TBX6 | TBX6 |
| Q9P2M4 | TBC1 domain family member 14 | TBC1D14 |
| Q9QRU2 | Transcription elongation factor A protein-like 7 | TCEAL7 |
| Q9ULZ0 | TP53-target gene 3 protein | TP53TG3 |
| O95988 | T-cell leukemia/lymphoma protein 1B | TCL1B |
| A6NM43 | Putative T-complex protein 1 subunit theta-like 1 | CCTB1P |
| Q8YIN2 | Transcription elongation factor A protein-like 8 | TCEAL8 |
| Q6MB5 | Transmembrane protein 1B4A | TMEM184A |
| O75529 | TAF5-like RNA polymerase II p300/CBP-associated factor-associated factor 65 kDa subunit 5L | TAF5L |
| A6NC51 | Modulator of macroautophagy | TMEM150B |
| Q9WW75 | CST complex subunit TEN1 | TEN1 |
| Q9P273 | Tenemin-3 | TENM3 |
| Q96UV7 | Tripartite motif-containing protein 7 | TRIM7 |
| O1544A | E3 ubiquitin-protein ligase Midline-1 | MID1 |
| Q9CO40 | Tripartite motif-containing protein 2 | TRIM2 |
| Q12931 | Heat shock protein 75 kDa, mitochondrial | TRAP1 |
| Q9UET6 | Putative tRNA | FTNS1 |
| P41273 | Tumor necrosis factor ligand superfamily member 9 | TNFSF9 |
| Q9ETE8 | Golgi apparatus membrane protein TVP23 homolog C | TVP23C |
| Q4A07X0 | T cell receptor beta variable 18 | TRBV18 |
| A0A0B4123 | T cell receptor alpha variable 2 | TRAV2 |
| Protein ID | Description                                      | UniProt ID |
|------------|--------------------------------------------------|------------|
| P13051     | Uracil-DNA glycosylase                           | UNG        |
| Q969M7     | NEDD8-conjugating enzyme UBE2F                   | UBE2F      |
| Q96MP5     | Zinc finger SWIM domain-containing protein 3     | ZSWIM3     |
| Q9C0G7     | Probable ribonuclease ZC3H12C                    | ZC3H12C    |
| Q9C0G0     | Zinc finger protein 407                         | ZNF407     |
| Q9H8G1     | Zinc finger protein 430                         | ZNF430     |
| Q14978     | Zinc finger protein 263                         | ZNF263     |
| P00749     | Urokinase-type plasminogen activator             | PLAU       |
| Q8N8C0     | Zinc finger protein 781                         | ZNF781     |
| A6NP11     | Zinc finger protein 716                         | ZNF716     |
| Q7L945     | Zinc finger protein 627                         | ZNF627     |
| Q13336     | Urea transporter 1                               | SLC14A1    |
| Q13240     | Neurosecretory protein VGF                       | VGF        |
| Q95670     | V-type proton ATPase subunit G 2                 | ATP6V1G2   |
| Q9NNW5     | WD repeat-containing protein 6                   | WDR6       |
| P51811     | Membrane transport protein XK                    | XK         |
| Q8N0Z9     | V-set and immunoglobulin domain-containing protein 10 | VSIG10     |
| Q63131     | Endogenous retrovirus group K member 7 Pro protein | ERVK-7     |
| Q14191     | Werner syndrome ATP-dependent helicase           | WRN        |
| Q8WTF9     | X antigen family member 3                        | XAGE3      |
| Q9H8V8     | Putative uncharacterized protein FLJ3197        |            |
| Q8N9G6     | Putative UPF0607 protein                         |            |
| Q6UXQ8     | Putative uncharacterized protein UNQ6190/PRO20217 | UNQ6190/   |
| A6NLG8     | Putative TAF11-like protein ENSP0000332601       |            |
| P0C6A0     | GATA-type zinc finger protein 1                  | ZGLP1      |
| Q6ZVL8     | Putative uncharacterized protein FLJ42384       |            |
| P0C7U3     | Probable palmitoyltransferase ZDHHC11B           | ZDHHC11B   |
| Q6ZRU5     | Putative uncharacterized protein FLJ46089       |            |
| O60315     | Zinc finger E-box-binding homeobox 2             | ZEB2       |
| P15822     | Zinc finger protein 40                           | HIVEP1     |
| Q96PS5     | E3 ubiquitin-protein ligase ZFP91                | ZFP91      |
| Q62MS4     | Zinc finger protein 852                         | ZNF852     |
| Q5JNZ3     | Zinc finger protein 311                         | ZNF311     |
| Q9CD4      | Zinc finger protein 518B                        | ZNF518B    |
| Q8WW36     | Zinc finger CCHC domain-containing protein 13    | ZCCHC13    |
| Q86U26     | Zinc finger and BTB domain-containing protein 46 | ZBTB46     |
| Q9H6B1     | Zinc finger protein 385D                        | ZNF385D    |
| Q15326     | Zinc finger MYND domain-containing protein 11    | ZMYND11    |
| Q8NG6      | Zinc finger CCHC domain-containing protein 24    | ZCCHC24    |
| A0A1B0GTU1 | Zinc finger CCHC domain-containing protein 11B   | ZC3H11B    |
| Q0IIN9     | Putative uncharacterized protein ZNF252P-AS1    | ZNF252P-AS1|
| P17023     | Zinc finger protein 19                           | ZNF19      |
| Q75312     | Zinc finger protein ZPR1                        | ZPR1       |
| Q66K41     | Zinc finger protein 385C                        | ZNF385C    |
| P60852     | Zona pellucida sperm-binding protein 1           | ZP1        |
| Q6PG9G     | Zinc finger protein 449                         | ZNF449     |
| Q9C0B9     | Zinc finger CCHC domain-containing protein 2     | ZCCHC2     |
| Accession | Description                                                                 | Ensembl ID |
|-----------|------------------------------------------------------------------------------|------------|
| Q53FD0    | Zinc finger C2HC domain-containing protein 1C                                   | ZC2HC1C    |
| P52747    | Zinc finger protein 143                                                      | ZNF143     |
| Q6PF04    | Zinc finger protein 613                                                      | ZNF613     |
| Q9L4J5    | Palmitoyltransferase ZDHHC2                                                 | ZDHHC2     |
| Q55V26    | Zinc finger MYM-type protein 1                                               | ZMYM1      |
| Q7Z340    | Zinc finger protein 551                                                     | ZNF551     |
| Q8NBB4    | Zinc finger and SCAN domain-containing protein 1                             | ZSCAN1     |
| Q8NL82    | Zinc finger protein 491                                                     | ZNF491     |
| Q5TEC3    | Zinc finger protein 697                                                     | ZNF697     |
| Q9POT4    | Zinc finger protein 581                                                     | ZNF581     |
| Q86W42    | THO complex subunit 6 homolog                                               | THOC6      |
| A8MWL7    | Transmembrane protein 14DP                                                   | TMEM14DP    |
| Q7Z6K1    | THAP domain-containing protein 5                                              | THAP5      |
| Q8IW86    | Inactive serine/threonine-protein kinase TX14                                | TEX14      |
| H3BV60    | Transforming growth factor-beta receptor type 3-like protein                  | TGFBR3L    |
| Q53FP2    | Transmembrane protein 35A                                                   | TMEM35A    |
| Q9NWC5    | Transmembrane protein 45A                                                   | TMEM45A    |
| Q7L0X0    | TLR4 interactor with leucine rich repeats                                    | TRIL       |
| Q7Z4K8    | Tripartite motif-containing protein 46                                        | TRIM46     |
| P0DSE2    | M1-specific T cell receptor beta chain                                        | TRB        |
| Q9HOU9    | Testis-specific Y-encoded-like protein 1                                     | TSPYL1     |
| Q7Z7G8    | Vacuolar protein sorting-associated protein 13B                              | VPS13B     |
| Q0WX57    | Ubiquitin carboxyl-terminal hydrolase 17-like protein 24                      | USP17L24   |
| Q68DE3    | Basic helix-loop-helix domain-containing protein USF3                        | USF3       |
| Q3KQV9    | UDP-N-acetylhexosamine pyrophosphorylase-like protein 1                       | UAP1L1     |
| Q6QN14    | Ubiquitin carboxyl-terminal hydrolase 17-like protein 6                       | USP17L6P   |
| Q14135    | Transcription cofactor vestigial-like protein 4                              | VGLL4      |
| Q7OEBK    | Inactive ubiquitin carboxyl-terminal hydrolase 53                             | USP53      |
| B4DXR9    | Zinc finger protein 732                                                     | ZNF732     |
| Q6ZT12    | E3 ubiquitin-protein ligase UBR3                                              | UBR3       |
| Q9BRX9    | WD repeat domain-containing protein 83                                       | WDR83      |
| Q9H1F0    | WAP four-disulfide core domain protein 10A                                   | WFDC10A    |
| Q96N03    | V-set and transmembrane domain-containing protein 2-like protein             | VSTM2L     |
| Q5TIE3    | von Willebrand factor A domain-containing protein 5B1                         | VWASB1     |
| O43592    | Exportin-1                                                                   | XPOT       |
| P12956    | X-ray repair cross-complementing protein 6                                   | XRCC6      |
| Q75695    | Protein XRP2                                                                 | RP2        |
| Q9UBH6    | Xenotropic and polytropic retrovirus receptor 1                             | XPR1       |
| Q9PL20    | WD repeat-containing protein 35                                               | WDR35      |
| Q86VZ2    | WD repeat-containing protein 5B                                               | WDR5B      |
| Q6GPH4    | XIAP-associated factor 1                                                     | XAF1       |
| Q8LY57    | YY1-associated factor 2                                                      | YAF2       |
| A8MUA0    | Putative UPF0607 protein ENSP00000381514                                   |            |
| Q8N9LI    | Zinc finger protein ZIC 4                                                    | ZIC4       |
| P82693    | Protein yippee-like 5                                                       | YPEL5      |
| Accession  | Description                                                                 | Gene ID     |
|------------|------------------------------------------------------------------------------|-------------|
| Q6UXU0     | Putative uncharacterized protein UNQ9165/PRO28630                           | UNQ9165/PRO28630 |
| Q8YH5      | ZZ-type zinc finger-containing protein 3                                      | ZZZ3        |
| A8MUN3     | Putative uncharacterized protein ENSP0000381830                             |             |
| Q5W150     | Putative uncharacterized protein MGC163334                                  |             |
| Q5TR4      | Transcription factor HIVEP3                                                 | HIVEP3      |
| Q9P243     | Zinc finger protein ZFAT                                                      | ZFAT        |
| Q5T742     | Uncharacterized protein ZNF22-AS1                                            | ZNF22-AS1   |
| Q75123     | Zinc finger protein 623                                                      | ZNF623      |
| Q5TH98     | Zinc finger protein 766                                                      | ZNF766      |
| Q8N66      | Palmitoyltransferase ZDHHC22                                                 | ZDHHC22     |
| Q6PML9     | Zinc transporter 9                                                           | SLC30A9     |
| Q9N38      | Zinc finger protein 714                                                      | ZNF714      |
| Q9BU19     | Zinc finger protein 692                                                      | ZNF692      |
| Q96W1      | Palmitoyltransferase ZDHHC16                                                 | ZDHHC16     |
| Q6NUN9     | Zinc finger protein 746                                                      | ZNF746      |
| P62380     | TATA box-binding protein-like 1                                              | TBPL1       |
| P26640     | Valine--tRNA ligase                                                          | VARS1       |
| P48775     | Tryptophan-2,3-dioxygenase                                                   | TDO2        |
| Q9Y3D7     | Mitochondrial import inner membrane translocase subunit TIM16               | PAM16       |
| Q8NBV8     | Synaptotagmin-8                                                             | SYT8        |
| P59539     | Taste receptor type 2 member 45                                              | TAS2R45     |
| Q6VP1      | Tax1-binding protein 1                                                       | TAX1BP1     |
| Q9H2G4     | Tests-specific Y-encoded-like protein 2                                      | TSPYL2      |
| P01737     | T cell receptor alpha variable 8-4                                           | TRAV8-4     |
| Q5SRH9     | Tetranicotripeptide repeat protein 39A                                       | TTC39A      |
| Q96FV3     | Tetraspanin-17                                                              | TSPAN17     |
| Q5IOX7     | Tetranicotripeptide repeat protein 32                                        | TTC32       |
| A0AO4IJ77  | T cell receptor alpha variable 34                                             | TRAV34      |
| Q9HJC0     | Trinucleotide repeat-containing gene 6C protein                              | TNRC6C      |
| P63121     | Endogenous retrovirus group K member 113 Pro protein                         | HERVK_113   |
| Q9H0E7     | Ubiquitin carboxyl-terminal hydrolase 44                                     | USP44       |
| Q15904     | V-type proton ATPase subunit 5                                               | ATP6AP1     |
| P21283     | V-type proton ATPase subunit C 1                                             | ATP6V1C1    |
| Q8N976     | Putative uncharacterized protein FLJ38264                                    |             |
| A8MXK9     | Uncharacterized protein ENSP0000382033                                       |             |
| Q9UJ19     | Zinc finger protein 69 homolog B                                             | ZFP69B      |
| Q15911     | Zinc finger homeobox protein 3                                               | ZFHX3       |
| Q9NTW7     | Zinc finger protein 64                                                        | ZFP64       |
| Q8PUP3     | Zinc finger homeobox protein 4                                               | ZFHX4       |
| Q9PVM9     | Zinc finger protein 385A                                                     | ZNF385A     |
| P17041     | Zinc finger protein 32                                                       | ZNF32       |
| Q9HCM4     | Zinc finger CW-type PWWP domain protein 1                                    | ZCWPW1      |
| Q8I226     | Zinc finger protein 34                                                       | ZNF34       |
| Q8N587     | Zinc finger protein 561                                                      | ZNF561      |
| O15060     | Zinc finger and BTB domain-containing protein 39                             | ZBTB39      |
| Q7RTV3     | Zinc finger protein 367                                                     | ZNF367      |
| Q8UIH4     | Palmitoyltransferase ZDHHC13                                                 | ZDHHC13     |
| Q96E35     | Zinc finger MYND domain-containing protein 39                                 | ZMYND19     |
| Q96H40     | Zinc finger protein 486                                                     | ZNF486      |
| P52738     | Zinc finger protein 140                                                     | ZNF140      |
| Q8IZC7     | Zinc finger protein 101                                                     | ZNF101      |
| Q86YE8     | Zinc finger protein 573                                                     | ZNF573      |
| Accession   | Description                                      | ID      |
|-------------|--------------------------------------------------|---------|
| Q14593      | Zinc finger protein 273                         | ZNF273  |
| Q96JC4      | Zinc finger protein 479                         | ZNF479  |
| A8K8V0      | Zinc finger protein 785                         | ZNF785  |
| Q9BY31      | Zinc finger protein 717                         | ZNF717  |
| Q9NXA9      | Zinc finger protein 544                         | ZNF544  |
| Q9NXF8      | Palmitoyltransferase ZDHHC7                      | ZDHHC7  |
| P52739      | Zinc finger protein 131                         | ZNF131  |
| Q9GZM7      | Tubulointerstitial nephritis antigen-like        | TINAGL1 |
| Q9Y6G1      | Transmembrane protein 14A                        | TMEM14A |
| Q62P80      | Transmembrane protein 182                        | TMEM182 |
| Q15025      | TNFAIP3-interacting protein 1                    | TNIP1   |
| Q96LD4      | E3 ubiquitin-protein ligase                      | TRIM47  |
| Q8NDV8      | Transmembrane protein 52                         | TMEM52  |
| Q8N6N2      | Tetratricopeptide repeat protein 98              | TTC9B   |
| A0A0BJ26    | T cell receptor alpha variable 38-1              | TRAV38-1|
| Q5TA0A      | Tetratricopeptide repeat protein 22              | TTC22   |
| P04435      | T cell receptor beta variable 7-9                | TRBV7-9 |
| P47985      | Cytochrome b-c1 complex subunit Rieske, mitochondrial | UQCRFS1 |
| Q7RTZ2      | Ubiquitin carboxyl-terminal hydrolase 17-like protein 1 | USP17L1 |
| Q15696      | U2 small nuclear ribonucleoprotein auxiliary factor 35 kDa subunit-related protein 2 | ZRSR2  |
| Q9WWN8      | Ubiquitin-conjugating enzyme E2 O2               | UBE2Q2  |
| P52743      | Putative zinc finger protein 137                 | ZNF137P |
| Q95379      | Tumor necrosis factor alpha-induced protein B     | TNFAIP8 |
| P34981      | Thyrotropin-releasing hormone receptor            | TRHR    |
| Q9HCM9      | E3 ubiquitin-protein ligase                      | TRIM39  |
| Q9BYV6      | Tripartite motif-containing protein 55           | TRIM55  |
| P36941      | Tumor necrosis factor receptor superfamily member 3 | LTBR   |
| Q9NXH8      | Torsin-4A                                        | TOR4A   |
| Q8TDJ8      | Transmembrane channel-like protein 1             | TMC1    |
| P19237      | Troponin I, slow skeletal muscle                  | TNNI1   |
| Q309B1      | Tripartite motif-containing protein 16-like protein | TRIM16L |
| O14657      | Torsin-1B                                        | TOR1B   |
| Q96MH6      | Transmembrane protein 68                         | TMEM68  |
| Q9BUJ4      | TNF receptor-associated factor 4                 | TRAF4   |
| Q69YG0      | Transmembrane protein 42                         | TMEM42  |
| Q9UPV9      | Trafficking kinesin-binding protein 1             | TRAK1   |
| Q12933      | TNF receptor-associated factor 2                  | TRAF2   |
| O14545      | TRAF-type zinc finger domain-containing protein 1 | TRAFD1  |
| A0A5A2      | T cell receptor beta variable 5-8                | TRBV5-8 |
| Q8N5M4      | Tetratricopeptide repeat protein 9C               | TTC9C   |
| P50607      | Tubby protein homolog                             | TUB     |
| Q92890      | Ubiquitin recognition factor in ER-associated degradation protein 1 | UFD1 |
| P61081      | NEDD8-conjugating enzyme Ubc12                   | UBE2M   |
| P57075      | Ubiquitin-associated and SH3 domain-containing protein A | UBASH3A |
| P06133      | UDP-glucuronosyltransferase 2B4                   | UGT2B4  |
| D6R9N7      | Ubiquitin carboxy-terminal hydrolase 17-like protein 18 | USP17L18 |
| Q8N8G2      | Transcription cofactor vestigial-like protein 2   | VGLL2   |
| Accession | Description | Accession | Description |
|-----------|-------------|-----------|-------------|
| Q9H582    | Zinc finger protein 644 | ZNF644    |        |
| Q7Z7K2    | Zinc finger protein 467 | ZNF467    |        |
| Q96MW7    | Tigger transposable element-derived protein 1 | TIGD1     |        |
| P55072    | Transitional endoplasmic reticulum ATPase | VCP       |        |
| Q6UXF1    | Transmembrane protein 108 | TMEM108   |        |
| Q04206    | Transcription factor p65 | RELA      |        |
| Q6ZMP0    | Thrombospondin type-1 domain-containing protein 4 | THSD4    |        |
| A0A1B0GU  | Testis-expressed protein 48 | TEX48     |        |
| V7        |        | Q53QW4    | Testis-expressed protein 44 | TEX44 |
| A0A1W2PP97| Thrombospondin type-1 domain-containing protein 8 | THSD8    |        |
| P24557    | Thromboxane-A synthase | TXAS1     |        |
| Q9P2Z0    | THAP domain-containing protein 10 | THAP10   |        |
| Q9Y584    | Mitochondrial import inner membrane translocase subunit Tim22 | TIMM22  |        |
| H3BTG2    | Testis-expressed protein 46 | TEX46     |        |
| Q6UXP3    | Transmembrane protein 14EP | TMEM14EP  |        |
| Q6ZYL4    | General transcription factor IIH subunit 5 | GTF2H5   |        |
| A0A079GB70| T cell receptor alpha joining 31 | TRAJ31    |        |
| POC7T8    | Transmembrane protein 253 | TMEM253   |        |
| Q0VD33    | Transmembrane protein 267 | TMEM267   |        |
| P61812    | Transforming growth factor beta-2 proprotein | TGF2B    |        |
| Q86XT9    | Insulin-like growth factor-binding protein 3 receptor | TMEM219  |        |
| P60174    | Triosephosphate isomerase | TPI1     |        |
| Q96GJ1    | tRNA | TRMT2B   |        |
| Q9BYJ4    | Tripartite motif-containing protein 34 | TRIM34   |        |
| A0A0C4DH27| T cell receptor gamma variable 8 | TRGV8   |        |
| Q15785    | Mitochondrial import receptor subunit TOM34 | TOMM34  |        |
| Q86UF1    | Tetraspanin-33 | TSPAN33  |        |
| Q14166    | Tubulin-tyrosine ligase-like protein 12 | TLL1L2  |        |
| A0A1B0GX78| T cell receptor beta variable 12-5 | TRBV12-5 |        |
| Q5VY80    | UL16-binding protein 6 | RAET1L  |        |
| Q9H1D0    | Transient receptor potential cation channel subfamily V member 6 | TRPV6   |        |
| P02585    | Troponin C, skeletal muscle | TNNC2   |        |
| Q9C0B0    | RING finger protein unkempt homolog | UNK   |        |
| Q86T82    | Ubiquitin carboxyl-terminal hydrolase 37 | USP37   |        |
| Q15391    | Transcription factor YY2 | YY2     |        |
| C9JL4     | Ubiquitin carboxyl-terminal hydrolase 17-like protein 13 | USP17L13 |        |
| Q9Y6I4    | Ubiquitin carboxyl-terminal hydrolase 3 | USP3   |        |
| Q86V25    | Tubulinyl-Tyr carboxypeptidase 2 | VASH2   |        |
| Q96KV7    | WD repeat-containing protein 90 | WDR90   |        |
| A6NE52    | WD repeat-containing protein 97 | WDR97   |        |
| Q8WW51    | X antigen family member 5 | XAGE5   |        |
| Q5T9L3    | Protein wntless homolog | WLS   |        |
| Q9UF83    | Uncharacterized protein | DKFZp434B061 |        |
| Q96I92    | Serine/threonine-protein kinase | WNK4  |        |
| A8MPS7    | Carbohydrate deacetylase | YDJC   |        |
| Accession | Description                                      | Accession | Description                                      |
|-----------|--------------------------------------------------|-----------|--------------------------------------------------|
| Q6ZT77    | Putative zinc finger protein 826                 | ZNF826P   |                                                  |
| P59817    | Zinc finger protein 280A                         | ZNF280A   |                                                  |
| P0CG31    | Putative zinc finger protein 286B                | ZNF286B   |                                                  |
| P17030    | Zinc finger protein 25                           | ZNF25     |                                                  |
| Q9P1Z0    | Zinc finger and BTB domain-containing protein 4  | ZBTB4     |                                                  |
| Q5TC79    | Zinc finger and BTB domain-containing protein 37 | ZBTB37    |                                                  |
| Q05481    | Zinc finger protein 91                          | ZNF91     |                                                  |
| P17027    | Zinc finger protein 23                           | ZNF23     |                                                  |
| Q9GZ5X    | Zinc finger protein 350                         | ZNF350    |                                                  |
| Q9H5U6    | rRNA N6-adenosine-methyltransferase ZCCHC4       | ZCCHC4    |                                                  |
| Q8IWR0    | Zinc finger CCCH domain-containing protein 7A    | ZC3H7A    |                                                  |
| A1YPR0    | Zinc finger and BTB domain-containing protein 7C | ZBTB7C    |                                                  |
| Q96GC6    | Neurotrophin receptor-interacting factor homolog | ZNF274    |                                                  |
| Q95201    | Zinc finger protein 205                         | ZNF205    |                                                  |
| Q75362    | Zinc finger protein 217                         | ZNF217    |                                                  |
| Q96NC0    | Zinc finger matrin-type protein 2                | ZMAT2     |                                                  |
| P0CB33    | Putative zinc finger protein 735                 | ZNF735    |                                                  |
| O14776    | Transcription elongation regulator 1             | TCERG1    |                                                  |
| Q53R12    | Transmembrane 4 L6 family member 20              | TM4SF20   |                                                  |
| Q9HBM6    | Transcription initiation factor TFIIID subunit 8B| TAF9B     |                                                  |
| Q9UL49    | Transcription factor-like 5 protein              | TCF5      |                                                  |
| Q75333    | T-box transcription factor TBX10                 | TBX10     |                                                  |
| Q8IXB3    | Trafficking regulator of GLUT4 1                 | TRARG1    |                                                  |
| Q8I2W8    | Tensin-4                                         | TNS4      |                                                  |
| Q96QS1    | Tetraspanin-32                                   | TSPAN32   |                                                  |
| P49746    | Thrombospondin-3                                 | THBS3     |                                                  |
| Q98ZA0    | Putative transcript Y 10 protein                 | TTY10     |                                                  |
| Q86W87    | Protein unc-93 homolog A                         | UNC93A    |                                                  |
| Q98XU7    | Ubiquitin carboxyl-terminal hydrolase 26         | USP26     |                                                  |
| A6NN06    | Putative UPF0633 protein                         | MGC21881  |                                                  |
| Q98ZF9    | Uveal autoantigen with coiled-coil domains and ankyrin repeats | UACA |                                                  |
| P55916    | Mitochondrial uncoupling protein 3               | UCP3      |                                                  |
| Q8TAS1    | Serine/threonine-protein kinase Kist             | UHMK1     |                                                  |
| A6NCW7    | Inactive ubiquitin carboxyl-terminal hydrolase 17-like protein 4 | USP17L4 |                                                  |
| Q9NY84    | Vascular non-inflammatory molecule 3             | VNN3      |                                                  |
| Q9H598    | Vesicular inhibitory amino acid transporter      | SLC32A1   |                                                  |
| Q8N9P0    | Putative uncharacterized protein FLJ36797        |           |                                                  |
| Q9HAA7    | Putative uncharacterized protein FLJ11871       |           |                                                  |
| O60481    | Zinc finger protein ZIC 3                        | ZIC3      |                                                  |
| Q6ZS49    | Putative uncharacterized protein FLJ45831        |           |                                                  |
| Q6FIQ0    | AN1-type zinc finger protein 6                    | ZFAND6    |                                                  |
| P0CI79    | Zinc finger protein 888                         | ZNF888    |                                                  |
| Q96DA0    | Zymogen granule protein 16 homolog B             | ZG16B     |                                                  |
| Q96GE5    | Zinc finger protein 799                         | ZNF799    |                                                  |
| Q9NSJ1    | Putative zinc finger protein 355P                | ZNF355P   |                                                  |
| Q8WYQ9    | Zinc finger CCCH domain-containing protein 14    | ZCCHC14   |                                                  |
| Accession | Gene Name | Description |
|-----------|-----------|-------------|
| Q9UC07    | Zinc finger protein 69 | ZNF69 |
| O7S132    | Zinc finger BED domain-containing protein 4 | ZBED4 |
| Q9JUN7    | Zinc finger protein 391 | ZNF391 |
| Q77998    | Zinc finger protein 550 | ZNF550 |
| Q8V4C4    | Zinc finger protein 584 | ZNF584 |
| Q96S6R6   | Zinc finger protein 382 | ZNF382 |
| Q9Y4T3    | Zinc finger protein 175 | ZNF175 |
| Q96N22    | Zinc finger protein 681 | ZNF681 |
| Q8TF50    | Zinc finger protein 526 | ZNF526 |
| O43296    | Zinc finger protein 264 | ZNF264 |
| Q9Y397    | Palmitoyltransferase ZDHHC9 | ZDHHC9 |
| Q6ZMY9    | Zinc finger protein 517 | ZNF517 |
| Q5F96P6   | Zinc finger protein 789 | ZNF789 |
| Q9F6V5A1  | Tubulin beta-28 chain | TUBB28 |
| P7R4A0    | Alpha-synuclein | SNCA |
| Q96HP8    | Transmembrane protein 176A | TMEM176A |
| Q12893    | Transmembrane protein 115 | TMEM115 |
| A0D0J9X0  | T cell receptor beta joining 1-2 | TRB1-2 |
| P24752    | Acetyl-CoA acetyltransferase, mitochondrial | ACAT1 |
| Q9POS9    | Transmembrane protein 14C | TMEM14C |
| Q6ZRR6    | TLC domain-containing protein 5 | TLD5 |
| Q2M9C6    | Transmembrane protein 266 | TMEM266 |
| Q03167    | Transforming growth factor beta receptor type 3 | TGFB3 |
| Q43548    | Protein-glutamine gamma-glutamyltransferase 5 | TGM5 |
| Q6N9J56   | Tectonic-3 | TCTN3 |
| Q9R46X0   | Transmembrane protein 160 | TMEM160 |
| Q9BQ50    | Three prime repair exonuclease 2 | TREX2 |
| C9JQ7     | Transmembrane protein 232 | TMEM232 |
| Q96RU8    | Tribbles homolog 1 | TRIB1 |
| Q9JU4A    | tRNA | TRMT6 |
| Q6UXU6    | Transmembrane protein 92 | TMEM92 |
| Q8NHX9    | Two pore calcium channel protein 2 | TPCN2 |
| P01375    | Tumor necrosis factor | TNF |
| P13187    | DNA topoisomerase 1 | TOP1 |
| P45378    | Troponin T, fast skeletal muscle | TNN3 |
| Q168668   | Transmembrane gamma-carboxyglutamic acid protein 1 | PRRG1 |
| P19438    | Tumor necrosis factor receptor superfamily member 1A | TNFRSF1A |
| Q96DC7    | Transmembrane and coiled-coil domain-containing protein 6 | TMCO6 |
| Q9Y5L0    | Transportin-3 | TNPO3 |
| Q92973    | Transportin-1 | TNPO1 |
| Q7L2K0    | Tubulin epsilon and delta complex protein 2 | TEDC2 |
| Q8N4P2    | Tetratricopeptide repeat protein 30B | TTC30B |
| P98066    | Tumor necrosis factor-inducible gene 6 protein | TNFAIP6 |
| Q8TE23    | Taste receptor type 1 member 2 | TAS1R2 |
| A0A07S56N3 | T cell receptor beta variable 24-1 | TRBV24-1 |
| Q2TM9    | Tumor suppressor candidate gene 1 protein | TUSC1 |
| A0A0A6YYG3 | T cell receptor beta variable 6-8 | TRBV6-8 |
| Q9B699    | Putative transcript Y 12 protein | TTTY12 |
| P22310    | UDP-glucuronosyltransferase 1A4 | UGT1A4 |
| P11441    | Ubiquitin-like protein 4A | UBL4A |
| P66543    | UBX domain-containing protein 2A | UBXN2A |
| Q9H3U1    | Protein unc-45 homolog A | UNC45A |
| Q5XG85    | Putative UPF0633 protein | LOC554249 |
| Q9NWZ5    | Uracil-cytidine kinase-like 1 | UCKL1 |
| Accession | Description                                                                 | Accession | Description                                                                 |
|-----------|-----------------------------------------------------------------------------|-----------|-----------------------------------------------------------------------------|
| Q7Z2F6    | Putative protein ZNF720                                                     | ZNF720    |                                                                              |
| Q9NW59    | Zinc finger protein 446                                                    | ZNF446    |                                                                              |
| P55851    | Mitochondrial uncoupling protein 2                                           | UCP2      |                                                                              |
| P15498    | Proto-oncogene vav                                                         | VAV1      |                                                                              |
| Q9UKW4    | Guanine nucleotide exchange factor VAV3                                    | VAV3      |                                                                              |
| Q96N28    | WAP, Kazal, immunoglobulin, Kunitz and NTR domain-containing protein 1      | WFKKN1    |                                                                              |
| Q725U6    | WD repeat-containing protein 53                                             | WDR53     |                                                                              |
| P17681    | X-box-binding protein 1                                                     | XBP1      |                                                                              |
| Q58KY6    | Putative uncharacterized protein DKFZp434K191                               |           |                                                                              |
| Q8N9L7    | Putative uncharacterized protein FLJ36925                                   |           |                                                                              |
| P61236    | Protein yippee-like 3                                                      | YPEL3     |                                                                              |
| Q62RG5    | Putative uncharacterized protein FLJ43944                                   |           |                                                                              |
| Q8N3U1    | Putative uncharacterized protein LOC400692                                  |           |                                                                              |
| Q8WTZ3    | Zinc finger protein ENSP00000375192                                        |           |                                                                              |
| Q96MU7    | YTH domain-containing protein 1                                              | YTHDC1    |                                                                              |
| Q98TK2    | Putative uncharacterized protein LOC642776                                  |           |                                                                              |
| Q8NHY6    | Zinc finger protein 28 homolog                                              | ZFP28     |                                                                              |
| Q8WV99    | AN1-type zinc finger protein 28                                              | ZFAND2B   |                                                                              |
| Q8N141    | Zinc finger protein 82 homolog                                              | ZFP82     |                                                                              |
| B726K7    | Zinc finger protein 814                                                    | ZNF814    |                                                                              |
| A8KS54    | Putative protein ZNF815                                                     | ZNF815P   |                                                                              |
| Q5JPB2    | Zinc finger protein 831                                                     | ZNF831    |                                                                              |
| Q96NB3    | Zinc finger protein 830                                                     | ZNF830    |                                                                              |
| B2RXF5    | Zinc finger and BTB domain-containing protein 42                            | ZBTB42    |                                                                              |
| Q96N77    | Zinc finger protein 641                                                     | ZNF641    |                                                                              |
| A6NK75    | Zinc finger protein 98                                                      | ZNF98     |                                                                              |
| Q9Y5V0    | Zinc finger protein 706                                                     | ZNF706    |                                                                              |
| Q8NAP8    | Zinc finger and BTB domain-containing protein 8B                            | ZBTB88    |                                                                              |
| Q8N0Y2    | Zinc finger protein 444                                                     | ZNF444    |                                                                              |
| Q8NEW0    | Zinc transporter 7                                                          | SLC30A7   |                                                                              |
| P21754    | Zona pellucida sperm-binding protein 3                                      | ZP3       |                                                                              |
| Q9UK11    | Zinc finger protein 223                                                     | ZNF223    |                                                                              |
| Q9UKE5    | TRAF2 and NCK-interacting protein kinase                                    | TNIK      |                                                                              |
| Q6ZMU5    | Tripartite motif-containing protein 72                                       | TRIM72    |                                                                              |
| Q4KQ01    | Taperin                                                                     | TPRRN     |                                                                              |
| Q8N6Q1    | Transmembrane and coiled-coil domain-containing protein 5A                  | TMCO5A    |                                                                              |
| Q6PI78    | Transmembrane protein 65                                                    | TMEM65    |                                                                              |
| Q6IBS0    | twinfilin-2                                                                 | TWF2      |                                                                              |
| P33981    | Dual specificity protein kinase TTK                                         | TTK       |                                                                              |
| Q9NY21    | Golgi apparatus membrane protein TVP23 homolog B                            | TVP23B    |                                                                              |
| Q8NET8    | Transient receptor potential cation channel subfamily V member 3           | TRPV3     |                                                                              |
| Q9UJT2    | Tests-specific serine kinase substrate                                      | TSKS      |                                                                              |
| Q8NEE8    | Tetrameric peptide repeat protein 16                                         | TTC16     |                                                                              |
| P49459    | Ubiquitin-conjugating enzyme E2 A                                            | UBE2A     |                                                                              |
| P32241    | Vasoactive intestinal polypeptide receptor 1                                | VIPR1     |                                                                              |
| Q9H0D2    | Zinc finger protein 541                                                    | ZNF541    |                                                                              |
| Q75820    | Zinc finger protein 189                                                    | ZNF189    |                                                                              |
| Accession | Description | Accession | Description |
|-----------|-------------|-----------|-------------|
| Q6IV72    | Zinc finger protein 425 | ZNF425    |             |
| Q81B69    | Zinc finger protein 519 | ZNF519    |             |
| P61421    | V-type proton ATPase subunit d 1 | ATP6VD1 |             |
| P49767    | Vascular endothelial growth factor C | VEGFC |             |
| P27449    | V-type proton ATPase 16 kDa proteolipid subunit | ATP6V0C |             |
| Q8TF74    | WAS/WASL-interacting protein family member 2 | WIPF2 |             |
| Q8iYB0    | Putative uncharacterized protein MGC39545 |             |             |
| Q9BW85    | Splicing factor YJU2 | YJU2 |             |
| Q62SR9    | Uncharacterized protein FLJ45252 |             |             |
| Q8iZM8    | Zinc finger protein 654 | ZNF654    |             |
| Q9ULD5    | Zinc finger protein 777 | ZNF777    |             |
| Q12901    | Zinc finger protein 155 | ZNF155    |             |
| P52742    | Zinc finger protein 139 | ZNF139    |             |
| Q8NDP4    | Zinc finger protein 439 | ZNF439    |             |
| Q86UQ0    | Zinc finger protein 589 | ZNF589    |             |
| Q9UK13    | Zinc finger protein 221 | ZNF221    |             |
| Q8NEK5    | Zinc finger protein 548 | ZNF548    |             |
| Q9NVVO    | Trimeric intracellular cation channel type B | TMEM38B |             |
| Q9NUR3    | Transmembrane protein 74B | TMEM74B |             |
| P0DI81    | Trafficking protein particle complex subunit 2 | TRAPP2 |             |
| Q15388    | Mitochondrial import receptor subunit TOMM20 homolog | TOMM20 |             |
| A6NMN8    | Tubulin polyglutamylase TTLL13P | TTLL13P |             |
| Q62T98    | Tubulin polyglutamylase TTLL7 | TTLL7 |             |
| Q8NG11    | Tetraspanin-14 | TSPAN14 |             |
| P63279    | SUMO-conjugating enzyme UBC9 | UBE21 |             |
| P10074    | Telomere zinc finger-associated protein | ZBTB48 |             |
| P35125    | Ubiquitin carboxyl-terminal hydrolase 6 | USP6 |             |
| P62837    | Ubiquitin-conjugating enzyme E2 D2 | UBE2D2 |             |
| Q86TS7    | Putative UPF0730 protein encoded by LINC00643 | LINC00643 |             |
| Q9UHD9    | Ubiquitin-2 | UBQLN2 |             |
| Q9H0Y1    | Vertein | VRTN |             |
| Q8iW00    | V-set and transmembrane domain-containing protein 4 | VSTM4 |             |
| Q9NZR4    | Visual system homeobox 1 | VSX1 |             |
| Q12768    | WASH complex subunit 5 | WASHC5 |             |
| Q8IV35    | WD repeat-containing protein 49 | WDR49 |             |
| Q93098    | Protein Wnt-8b | WNT88 |             |
| Q9ULM3    | YEATS domain-containing protein 2 | YEATS2 |             |
| Q9H379    | Putative uncharacterized protein PRO3102 | PRO3102 |             |
| A6NC05    | Glutaredoxin-like protein C5orf63 | C5orf63 |             |
| Q49AG3    | Zinc finger BEd domain-containing protein 5 | ZBED5 |             |
| Q8NNH1    | Putative protein ZNF321 | ZNF321P |             |
| P17020    | Zinc finger protein 16 | ZNF16 |             |
| POCI78    | Zinc finger protein 865 | ZNF865 |             |
| Q6AW86    | Zinc finger protein 324B | ZNF324B |             |
| Q6P3V2    | Zinc finger protein 585A | ZNF585A |             |
| Q6S925    | Zinc finger protein 474 | ZNF474 |             |
| Q8NN83    | Zinc finger protein 614 | ZNF614 |             |
| Q96BV0    | Zinc finger protein 775 | ZNF775 |             |
| Q63V71    | Zinc finger protein 429 | ZNF429 |             |
| Q15649    | Zinc finger HIT domain-containing protein 3 | ZNHIT3 |             |
| Q70EL2    | Ubiquitin carboxyl-terminal hydrolase 45 | USP45 |             |
| Q9UIE0    | Zinc finger protein 230 | ZNF230 |             |
| Q6ZSS3    | Zinc finger protein 621 | ZNF621 |             |
| Accession | Description |
|-----------|-------------|
| Q8IW36    | Zinc finger protein 695 |
| Q8IZN3    | Palmitoyltransferase ZDHHC14 |
| Q9NV72    | Zinc finger protein 701 |
| Q2M3W8    | Zinc finger protein 181 |
| Q9NYG2    | Palmitoyltransferase ZDHHC3 |
| Q14966    | Zinc finger protein 638 |
| Q32M78    | Zinc finger protein 699 |
| Q14771    | Zinc finger protein 213 |
| Q86T29    | Zinc finger protein 605 |
| Q9BQ86    | Vitamin K epoxide reductase complex subunit 1 |
| Q14607    | Histone demethylase UTY |
| Q8TF39    | Zinc finger protein 483 |
| Q9BR84    | Zinc finger protein 559 |
| Q9BR6     | Zinc finger protein 669 |
| Q9UDV6    | Zinc finger protein 268 |
| Q70EK9    | Ubiquitin carboxyl-terminal hydrolase 51 |
| Q96QD9    | UAP56-interacting factor |
| Q93008    | Probable ubiquitin carboxyl-terminal hydrolase FAF-X |
| Q5GH76    | XK-related protein 4 |
| Q93097    | Protein Wnt-2b |
| Q9Y2W2    | WW domain-binding protein 11 |
| Q9ULE0    | Protein WWC3 |
| P46937    | Transcriptional coactivator YAP1 |
| Q9GZM5    | Protein YIPF3 |
| Q996M3    | Protein YIPF5 |
| A8MT66    | Putative uncharacterized protein ENSP00000383407 |
| Q96MM3    | Zinc finger protein 42 homolog |
| B4DU55    | Zinc finger protein 879 |
| Q9HCX3    | Zinc finger protein 304 |
| A8KOR7    | Zinc finger protein 839 |
| Q43829    | Zinc finger and BTB domain-containing protein 14 |
| Q96PM5    | RING finger and CHY zinc finger domain-containing protein 1 |
| P08048    | Zinc finger Y-chromosomal protein |
| Q9BU66    | Zinc finger and SCAN domain-containing protein 5A |
| Q569K4    | Zinc finger protein 385B |
| Q9HCK1    | DBF4-type zinc finger-containing protein 2 |
| A8MWA4    | Putative zinc finger protein 705E |
| Q86Y25    | Zinc finger protein 354C |
| Q504Y3    | Zinc finger CW-type PWWP domain protein 2 |
| Q8N184    | Zinc finger protein 567 |
| Q8NF99    | Zinc finger protein 397 |
| P17036    | Zinc finger protein 3 |
| Q96GG9    | Zinc finger protein 469 |
| Q9C0F3    | Zinc finger protein 436 |
| Q63HHK3   | Zinc finger protein with KRAB and SCAN domains 2 |
| P58317    | Zinc finger protein 121 |
| Q96NL3    | Zinc finger protein 599 |
| Q7L2R6    | Zinc finger protein 765 |
| Q7Z7L9    | Zinc finger and SCAN domain-containing protein 2 |
| Q08AN1    | Zinc finger protein 616 |
| Q99727    | Metalloproteinase inhibitor 4 |
| Q17R31    | Putative deoxyribonuclease TATDN3 |
| Q00206    | Toll-like receptor 4 |
| P59551    | Taste receptor type 2 member 60 |
| Q9BYE2    | Transmembrane protease serine 13 |
| Accession    | Description                                                                 | Accession    | Description                                                                 |
|--------------|------------------------------------------------------------------------------|--------------|------------------------------------------------------------------------------|
| Q8TEL6       | Short transient receptor potential channel 4-associated protein               | Q8N394       | Protein O-mannosyl-transferase TMTC2                                         |
| Q6UXN7       | TROMM20-like protein 1                                                       | P51580       | Thiopurine S-methyltransferase TPMT                                         |
| Q9H2K2       | Poly                                                                          | Q5T0D9       | Tumor protein p63-regulated gene 1-like protein                             |
| Q9BZD6       | Transmembrane gamma-carboxyglutamic acid protein 4                            | Q9H2L4       | Transmembrane protein 60                                                     |
| Q8N0U2       | Transmembrane protein 61                                                     | O00463       | TNF receptor-associated factor 5 TRAP5                                      |
| O75069       | Transmembrane and coiled-coil domains protein 2                               | Q6YI46       | Transmembrane protein 64                                                     |
| P0DPE3       | Transmembrane and death domain protein 1                                     | Q6PKC3       | Thio-redoxin domain-containing protein 11                                    |
| Q9NUQ3       | Gamma-taxil                                                                   | Q8NBPO       | Tetrameric peptide repeat protein 13                                         |
| P59090       | Putative uncharacterized protein TSPEAR-AS2                                  | P01858       | Phagocytosis-stimulating peptide                                            |
| A0A07SB6N1   | T cell receptor beta variable 19 TRBV19                                       | O43657       | Tetraspanin-6                                                                |
| Q92574       | Hamartin                                                                      | O95922       | Probable tubulin polyglutamyase TTLL1                                       |
| Q95T0D9      | Uromodulin-like 1                                                            | Q95231       | Homeobox protein VENTX                                                       |
| Q725H4       | Vomeronasal type-1 receptor 5 VNR5                                            | O60504       | Vinexin                                                                      |
| Q05940       | Synaptic vesicular amine transporter SLC18A2                                  | O60763       | General vesicular transport factor p115                                      |
| O15342       | V-type proton ATPase subunit 1 ATP6V0E1                                      | Q9BRU9       | rRNA-processing protein UTP23 homolog                                       |
| Q9BRU9       | rRNA-processing protein UTP23 homolog                                        | P10265       | Endogenous retrovirus group K member 10 Pro protein                          |
| Q8LUB3       | Protein WFDC10B                                                               | Q9HC57       | WAP four-disulfide core domain protein 1                                    |
| Q9HC57       | WAP four-disulfide core domain protein 1                                    | Q9NEX5       | Protein WFDC9                                                                |
| Q9UJ3D       | Vacuolar protein sorting-associated protein 51 homolog                        | Q9UJ3D       | Vacuolar protein sorting-associated protein 51 homolog                      |
| Q50660       | Exportin-2                                                                    | Q9Y334       | von Willebrand factor A domain-containing protein 7                          |
| Q9Y334       | von Willebrand factor A domain-containing protein 7                           | Q64LD2       | WD repeat-containing protein 25                                               |
| C4AMC7       | Putative WAS protein family homolog 3                                        | Q96555       | ATPase WRNIP1                                                                |
| Q7L0L9       | Transmembrane protein LOC653160                                              | Q9BWQ6       | Protein YIPF2                                                                |
| Q9BWQ6       | Protein YIPF2                                                                 | Q6ZRM9       | Putative uncharacterized protein FLJ46235                                  |
| Q6ZRM9       | Putative uncharacterized protein FLJ46235                                    | Q6ZRF7       | Putative zinc finger protein 818                                             |
| Q96H86       | Zinc finger protein 764                                                       | Q96ME7       | Zinc finger protein 512                                                     |
| Q96H86       | Zinc finger protein 764                                                       | Q948H6       | Palmitoyltransferase ZDHHC6                                                  |
| Q8TC21       | Zinc finger protein 596                                                       | Q7Z5H4       | Vomeronasal type-1 receptor 5 VNR5                                            |
| Accession  | Description                                              | ID       |
|-----------|----------------------------------------------------------|----------|
| Q9NUM4    | Transmembrane protein 106B                               | TMEM106B |
| P35590    | Tyrosine-protein kinase receptor Tie-1                   | Tie1     |
| Q6P1K8    | General transcription factor IIH subunit 2-like protein   | GTF2H2C  |
| Q8N9M5    | Transmembrane protein 102                                | TMEM102  |
| Q69D42    | Transmembrane protein 215                                | TMEM215  |
| Q08188    | Protein-glutamine gamma-glutamyltransferase E            | TGM3     |
| Q96K49    | Transmembrane protein 87B                                | TMEM87B  |
| P0DSE1    | M1-specific T cell receptor alpha chain                  | TRA      |
| Q32P41    | tRNA                                                      | TRMT5    |
| Q96Q9Q1   | E3 ubiquitin-protein ligase                              | TRIM63   |
| Q8N9V2    | Probable E3 ubiquitin-protein ligase TRIM1               | TRIML1   |
| P13B05    | Troponin T, slow skeletal muscle                          | TNNT1    |
| Q94B76    | Transmembrane and coiled-coil domains protein 1          | TMCC1    |
| Q8N609    | Translocating chain-associated membrane protein 1-like 1 | TRAM1L1  |
| Q9BWF2    | E3 ubiquitin-protein ligase TRAIP                         | TRAIP    |
| Q9UXP0    | Protein turtle homolog B                                 | IGS9B    |
| A0A0B4J27 | T cell receptor alpha variable 25                        | TRAV25   |
| Q5TAX3    | Terminal undylytransferase 4                             | TUT4     |
| Q15205    | Ubiquitin D                                              | UBD      |
| A0A0B4J2E | T cell receptor beta variable 12-4                      | TRBV12-4 |
| Q98ZL1    | Ubiquitin-like protein 5                                 | UBL5     |
| P0C7P4    | Putative cytochrome b-c1 complex subunit Rieske-like protein 1 | UQCRFS1P1 |
| POC710    | Inactive ubiquitin carboxyl-terminal hydrolase 17-like protein 8 | USP17L8  |
| Q8WU68    | Splicing factor U2AF 26 kDa subunit                      | U2AF1L4  |
| Q9Y6N9    | Harmonin                                                 | USH1C    |
| Q9HBM0    | Vezatin                                                  | VEZT     |
| Q6Z92     | Putative uncharacterized protein FLJ45721               |          |
| Q6ZRP5    | Putative uncharacterized protein FLJ46204               |          |
| A8MUI8    | Putative UPF0607 protein                                  |          |
| Q6ZVH6    | Putative uncharacterized protein FLJ42569               |          |
| Q9BSR8    | Protein YIPF4                                            | YIPF4    |
| Q9P1D8    | Putative uncharacterized protein PRO2289                | PRO2289  |
| Q2QGD7    | Zinc finger protein ZXDC                                 | ZNDC     |
| Q6ZN11    | Zinc finger protein 793                                 | ZNF793   |
| Q9UL58    | Zinc finger protein 215                                 | ZNF215   |
| Q96B54    | Zinc finger protein 428                                 | ZNF428   |
| Q96M99    | Zinc finger protein 488                                 | ZNF488   |
| Q724V0    | Zinc finger protein 430                                 | ZNF430   |
| Q8TBCE5   | Zinc finger and SCAN domain-containing protein 18        | ZSCAN18  |
| Q9UML2    | Zinc finger protein 490                                 | ZNF490   |
| Q8NB42    | Zinc finger protein 527                                 | ZNF527   |
| Q86UE3    | Zinc finger protein 546                                 | ZNF546   |
| Q9H7S9    | Zinc finger protein 703                                 | ZNF703   |
| Q6P9A1    | Zinc finger protein 530                                 | ZNF530   |
| Q43361    | Zinc finger protein 749                                 | ZNF749   |
| P21281    | V-type proton ATPase subunit B, brain isoform            | ATP6V1B2 |
| Q15836    | Vesicle-associated membrane protein 3                   | VAMP3    |
| Q8N5D0    | WD and tetrapeptide repeats protein 1                   | WDTC1    |
| Accession | Description |
|-----------|-------------|
| Q8N402    | Putative uncharacterized protein LOC388882 |
| Q96NS1    | Protein yippee-like 4 YPEL4 |
| Q96FA7    | ZBED6 C-terminal-like protein ZBED6CL |
| Q6ZVQ5    | Putative KRAB domain-containing protein ZNF788 ZNF788P |
| Q96DT7    | Zinc finger and BTB domain-containing protein 10 ZBTB10 |
| Q05996    | Zona pellucida sperm-binding protein 2 ZP2 |
| P51522    | Zinc finger protein 83 ZNF83 |
| Q9UK55    | Protein Z-dependent protease inhibitor SERPIN1A10 |
| A6NHJ4    | Zinc finger protein 860 ZNF860 |
| O43309    | Zinc finger and SCAN domain-containing protein 12 ZSCAN12 |
| Q9UF87    | Zinc finger and BTB domain-containing protein 47 ZBTB47 |
| P0CG00    | Putative zinc finger and SCAN domain-containing protein 5D ZSCAN5DP |
| Q02386    | Zinc finger protein 45 ZNF45 |
| Q95780    | Zinc finger protein 682 ZNF682 |
| Q9UW8     | Zinc finger protein 180 ZNF180 |
| Q9NWZ3    | Zinc finger protein 224 ZNF224 |
| Q8N9Q2    | Protein SREK1IP1 SREK1IP1 |
| P23381    | Tryptophan--tRNA ligase, cytoplasmic WARS1 |
| Q99426    | Tubulin-folding cofactor B TBCB |
| Q96EM0    | Trans-3-hydroxy-L-proline dehydratase L3HYPDH |
| Q5HJ99    | T-complex proteinn 11 X-linked protein 2 TCP11X2 |
| Q7TRR8    | Taste receptor type 2 member 42 TAS2R42 |
| Q9NZ63    | Telomere length and silencing protein 1 homolog C9orf78 |
| Q9UP26    | Thrombospondin type-1 domain-containing protein 7A THSD7A |
| O43711    | T-cell leukemia homeobox protein 3 TLX3 |
| P48023    | Tumor necrosis factor ligand superfamily member 6 FASLG |
| Q6ICL3    | Transport and Golgi organization protein 2 homolog TANGO2 |
| Q12767    | Transmembrane protein 94 TMEM94 |
| Q13507    | Short transient receptor potential channel 3 TRPC3 |
| A0A0K0K1A3| T cell receptor beta variable 10-1 TRBV10-1 |
| HOU37     | Thiosulfate sulfurtransferase/rhodanese-like domain-containing protein 3 TSTD3 |
| P60604    | Ubiquitin-conjugating enzyme E2 G2 UBE2G2 |
| Q4G0F5    | Vacuolar protein sorting-associated protein 26B VPS26B |
| Q96FK6    | WD-repeat-containing protein 89 WDR89 |
| Q86VR7    | V-set and immunoglobulin domain-containing protein 10-6 VSIG10L |
| Q86Y07    | Serine/threonine-protein kinase VRK2 VRK2 |
| P63124    | Endogenous retrovirus group K member 104 Pro protein HERV-K104 |
| P12018    | Immunoglobulin iota chain VPREB1 |
| O15213    | WD repeat-containing protein 46 WDR46 |
| Q2M389    | WASH complex subunit 4 WASHC4 |
| Q6ZT10    | Putative uncharacterized protein FLJ44636 |
| Q9BRP9    | Putative uncharacterized protein MGC13053 |
| Accession | Description                                      | Swiss-Prot ID |
|-----------|--------------------------------------------------|---------------|
| Q9H521    | Putative uncharacterized protein LOC645739        |               |
| Q96NJ1    | Uncharacterized protein FLJ30774                  |               |
| Q9UHT4    | Putative uncharacterized protein PRO1854          | PRO1854       |
| Q92536    | Y+L amino acid transporter 2                     | SLC7A6        |
| Q96M85    | Putative uncharacterized protein FLJ32756         |               |
| Q96M66    | Putative uncharacterized protein FLJ32790         |               |
| A8MUU9    | Putative uncharacterized protein ENSP00000383309  |               |
| Q6ZPA2    | Putative uncharacterized protein FLJ26174         |               |
| Q9HBF4    | Zinc finger FYVE domain-containing protein 1      | ZFYVE1        |
| A6NP61    | ZAR1-like protein                                 | ZAR1L         |
| Q8NHG8    | E3 ubiquitin-protein ligase ZNRF2                 | ZNRF2         |
| Q96XU0    | Zinc finger protein 677                          | ZNF677        |
| P17019    | Zinc finger protein 708                          | ZNF708        |
| Q9N888    | Zinc finger protein 557                          | ZNF557        |
| Q9YQ2Q7   | Zinc finger protein 257                          | ZNF257        |
| Q9H963    | Putative zinc finger protein 702                  | ZNF702P       |
| Q96CV9    | Optineurin                                        | OPTN          |
| Q8NGE1    | Olfactory receptor 6C4                           | OR6C4         |
| A6NKK0    | Olfactory receptor 5H1                           | OR5H1         |
| Q8NH43    | Olfactory receptor 4L1                           | OR4L1         |
| Q8NGA2    | Putative olfactory receptor 7A2                  | OR7A2P        |
| Q02218    | 2-oxoglutarate dehydrogenase, mitochondrial       | OGDH          |
| P49790    | Nuclear pore complex protein Nup153               | NUP153        |
| Q6IF82    | Olfactory receptor 4A47                          | OR4A47        |
| Q15743    | Ovarian cancer G-protein coupled receptor 1       | GPR68         |
| Q8TAD7    | Overexpressed in colon carcinoma 1 protein       | OCC1          |
| Q8NH60    | Olfactory receptor 52J3                          | OR52J3        |
| Q98X12    | Mitochondrial ornithine transporter 2             | SLC25A2       |
| Q9NP74    | Palmdelphin                                      | PALMD         |
| Q9UXK7    | Nuclear pore complex protein Nup50                | NUP50         |
| Q75459    | P antigen family member 1                        | PAGE1         |
| Q9Y5H7    | Protocadherin alpha-5                            | PCDHA5        |
| Q8TEW0    | Partitioning defective 3 homolog                 | PARD3         |
| Q96JO0    | Protocadherin-16                                 | DCHS1         |
| Q96TA0    | Putative protocadherin beta-18                   | PCDH818P      |
| Q15077    | P2Y purinoceptor 6                                | P2RY6         |
| Q96A73    | Putative monoxygenase p33MONOX                    | KIAA1191      |
| Q5R387    | Putative inactive group IIC secretory phospholipase A2 | PLA2G2C    |
| Q9NR7     | Protocadherin beta-16                            | PCDHB16       |
| Q9NW51    | PCNA-interacting partner                         | PARPB         |
| Q9H832    | Ubiquitin-conjugating enzyme E2 Z                 | UBE2Z         |
| Q15750    | TGF-beta-activated kinase 1 and MAP3K7-binding protein 1 | TAB1      |
| Q12962    | Transcription initiation factor TFIID subunit 10  | TAF10         |
| Q15814    | Tubulin-specific chaperone C                      | TBC          |
| Q14DG7    | Transmembrane protein 132B                       | TMEM132B      |
| P29083    | General transcription factor IIIE subunit 1       | GTF2E1        |
| P24821    | Tenascin                                          | TNC           |
| O60220    | Mitochondrial import inner membrane translocase subunit Tim8 A | TIMM8A |
| Accession | Protein Name                                      | Uniprot ID |
|-----------|--------------------------------------------------|------------|
| Q68CZ2    | Tensin-3                                         | TNS3       |
| Q9H6X4    | Transmembrane protein 134                        | TMEM134    |
| Q9UI38    | Probable threonine protease PRSS50               | PRSS50     |
| Q9UKX0    | 18S rRNA aminocarboxypropyltransferase           | TSR3       |
| Q86VO6    | Thioredoxin reductase 3                          | TXNRD3     |
| Q7R1X0    | Taste receptor type 1 member 3                   | TAS1R3     |
| P19224    | UDP-glucuronosyltransferase 1-6                  | UGT1A6     |
| P0DTE5    | UDP-glucuronosyltransferase 2A2                  | UGT2A2     |
| Q9NYU2    | UDP-glucose:glycoprotein glucosyltransferase 1   | UGTT1      |
| Q86UV5    | Ubiquitin carboxy-terminal hydrolase 48          | USP48      |
| P25490    | Transcriptional repressor protein YY1            | YY1        |
| P35916    | Vascular endothelial growth factor receptor 3    | FLT4       |
| Q15231    | Zinc finger protein 185                         | ZNF185     |
| Q8N859    | Zinc finger protein 713                         | ZNF713     |
| Q6Z2S7    | Zinc finger protein 662                         | ZNF662     |
| Q9BS31    | Zinc finger protein 649                         | ZNF649     |
| Q9UK12    | Zinc finger protein 222                         | ZNF222     |
| Q66YJ6    | Threonine synthase–like 2                       | THNSL2     |
| Q969F1    | General transcription factor 3C polypeptide 6    | GTF3C6     |
| Q8WZ71    | Transmembrane protein 158                       | TMEM158    |
| Q99805    | Transmembrane 9 superfamily member 2             | TM9SF2     |
| P02788    | Lactotransferrin                                 | LTF        |
| Q5T6R2    | Putative phosphatidylinositol 3,4,5-trisphosphate 3-phosphatase | TPTE2P1   |
| P25942    | Tumor necrosis factor receptor superfamily member 5 | CD40      |
| Q9BRZ2    | E3 ubiquitin–protein ligase                      | TRIM56     |
| P25445    | Tumor necrosis factor receptor superfamily member 6 | FAS       |
| Q9FOU1    | Mitochondrial import receptor subunit TOM7 homolog | TOMM7     |
| Q96SJ8    | Tetraspanin–18                                  | TSPAN18    |
| A0A075866 | T cell receptor alpha variable 25/delta variable 6 | TRAV23DV |
| A0A0B4427 | T cell receptor alpha variable 24               | TRAV24     |
| A0A539    | T cell receptor beta variable 4-2               | TRBV4-2    |
| Q9BXA6    | Tests-specific serine/threonine-protein kinase 6 | TSSK6      |
| Q9BSA4    | Protein tweety homolog 2                        | TTYH2      |
| P0CC47    | Polyubiquitin–B                                 | UBB        |
| Q9BZV1    | UBX domain-containing protein 6                  | UBXN6      |
| P0CC48    | Polyubiquitin–C                                 | UBC        |
| Q8WV8     | E3 ubiquitin–protein ligase UBR2                 | UBR2       |
| Q13107    | Ubiquitin carboxy-terminal hydrolase 4           | USP4       |
| Q69JY7    | von Hippel–Lindau–like protein                   | VHL        |
| Q75348    | V-type proton ATPase subunit G 1                 | ATP6V1G1   |
| Q8N9X3    | Putative uncharacterized protein encoded by LINC01356 | LINC01356 |
| Q9NRH1    | Protein YAE1 homolog                            | YAE1       |
| Q8N377    | Putative uncharacterized protein LOC387726      | LOC387726  |
| Q9NSD4    | Zinc finger protein 275                         | ZNF275     |
| Q9WV37    | Zinc finger protein 480                         | ZNF480     |
| Q6ZMW2    | Zinc finger protein 782                         | ZNF782     |
| Q10515    | Zinc finger protein 646                         | ZNF646     |
| Q9UI5     | Zinc finger protein J07                         | ZNF107     |
| Q51619    | Zinc finger protein 648                         | ZNF648     |
| Q9NR00    | Transcriptional and immune response regulator    | TCIM       |
| Q70YC4    | Talinin                                         | ZNF365     |
| Accession | Description |
|-----------|-------------|
| P00734    | Prothrombin |
| Q6UX40    | Transmembrane protein 107 (TMEM107) |
| Q15554    | Telomeric repeat-binding factor 2 (TERF2) |
| Q5JUR7    | Testis-expressed protein 30 (TEX30) |
| Q00059    | Transcription factor A, mitochondrial (TFAM) |
| Q81YF3    | Testis-expressed protein 11 (TEX11) |
| A0A04J220 | T cell receptor beta joining 2-3 (TRBJ2-3) |
| Q9UNN4    | TFIIA-alpha and beta-like factor |
| P25325    | 3-mercaptopyruvate sulfurtransferase (MPST) |
| P42765    | 3-ketoacyl-CoA thiolase, mitochondrial (ACAA2) |
| C9J3V5    | Testis-expressed protein 22 (TEX22) |
| P01135    | Protransforming growth factor alpha (TGFA) |
| Q9NH2     | Transmembrane protein 242 (TMEM242) |
| O15050    | TPR and ankyrin repeat-containing protein 1 (TRANK1) |
| Q5T215    | Trafficking protein particle complex subunit 3-like protein (TRAPPC3L) |
| Q9H3N1    | Thioredoxin-related transmembrane protein 1 (TMX1) |
| Q6XP3     | Phosphatidylinositol 3,4,5-trisphosphate 3-phosphatase (TPTE2) |
| P07951    | Tropomyosin beta chain (TPM2) |
| Q8NH1     | Tubulin polyglutamylase-1 (TTL11) |
| A0A075B66 | Probable non-functional T cell receptor beta variable 7-3 (TRBV7-3) |
| Q93009    | Ubiquitin carboxyl-terminal hydrolase 7 (USP7) |
| Q01081    | Splicing factor U2AF 35 kDa subunit (U2AF1) |
| Q9Y2X8    | Ubiquitin–conjugating enzyme E2 D4 (UBE2D4) |
| O00534    | von Willebrand factor A domain-containing protein 5A (VWA5A) |
| A1L167    | Ubiquitin–conjugating enzyme E2Q-like protein 1 (UBE2QL1) |
| Q99996    | Serine/threonine-protein kinase (VRK1) |
| Q8WIA0    | WD repeat-containing protein 75 (WDR75) |
| Q9Y610    | Endogenous retrovirus group K member 6 (ERVK-6) |
| Q13488    | V-type proton ATPase 116 kDa subunit a3 (TCIRG1) |
| P0DPA2    | V-set and immunoglobulin domain-containing protein 8 (VSIG8) |
| P63122    | Endogenous retrovirus group K member 8 (ERVK-8) |
| Q9UBV4    | Protein Wnt-16 (WNT16) |
| Q8N9V3    | WD repeat, SAM and U-box domain-containing protein 1 (WDSUB1) |
| O00308    | NEDD4-like E3 ubiquitin-protein ligase (WWP2) |
| Q6AWC8    | Putative uncharacterized protein LOC100129027 |
| Q99070    | Protein YIF1A (YIF1A) |
| A6NL46    | Putative UPF0607 protein (ENSP00000332738) |
| Q8NFQ4    | Uncharacterized protein FLJ76381 |
| Q6UWF5    | Putative uncharacterized protein UNQ5815/PRO19632 |
| A4D1N5    | Putative uncharacterized protein FLJ40288 |
| Q6ZQT7    | Putative uncharacterized protein FLJ44672 |
| Accession | Description                                                                 |
|-----------|-----------------------------------------------------------------------------|
| Q6ZSR6    | Putative uncharacterized protein FLJ45256                                  |
| Q9ET25    | Zinc finger protein ZIC 5                                                  |
| Q95409    | Zinc finger protein ZIC 2                                                  |
| Q60281    | Zinc finger protein ZNF292                                                 |
| E7ETH6    | Zinc finger protein ZNF587B                                                |
| Q9HHC78   | Zinc finger and BTB domain-containing protein 20                           |
| Q17R98    | Zinc finger protein 827                                                   |
| Q75800    | Zinc finger MYND domain-containing protein 10                              |
| Q9BMW5    | Zinc finger protein 416                                                   |
| Q9H609    | Zinc finger protein 576                                                   |
| Q95789    | Zinc finger MYM-type protein 6                                              |
| Q96AP4    | Zinc finger-containing ubiquitin peptidase 1                              |
| Q972A4    | Zinc finger protein 443                                                   |
| Q8TD23    | Zinc finger protein 675                                                   |
| Q9YAE5    | E3 SUMO-protein ligase ZNF451                                              |
| Q8N972    | Zinc finger protein 709                                                   |
| Q9H7M6    | Zinc finger SWIM domain-containing protein 4                               |
| Q70EL4    | Ubiquitin carboxy-terminal hydrolase 43                                    |
| Q3ZAQ7    | Vacuolar ATPase cytosolic subunit VMA21                                   |
| Q96GC9    | Vacuole membrane protein 1                                                 |
| Q96I7Q    | V-set and immunoglobulin domain-containing protein 2                       |
| Q5GH73    | XX-related protein 6                                                       |
| Q9NRW7    | Vacuolar protein sorting-associated protein 45                             |
| Q9COE2    | Exportin-4                                                                 |
| Q43895    | Xaa-Pro aminopeptidase 2                                                  |
| Q9BRG1    | Vacuolar protein-sorting-associated protein 25                             |
| Q8IZU2    | WD repeat-containing protein 17                                             |
| Q5TJN6    | WD repeat-containing protein 38                                             |
| Q9GL77    | Ribosome biogenesis protein WDR12                                          |
| Q00755    | Protein Wnt-7a                                                             |
| Q9NS37    | CREB/ATF dZIP transcription                                                |
| Q60688    | Protein yippee-like 1                                                      |
| A2RRD8    | Zinc finger protein 320                                                    |
| Q8NS26    | Zinc finger CCHC domain-containing protein 7                               |
| POC100    | Putative zinc finger protein 705B                                          |
| Q5T200    | Zinc finger CCCH domain-containing protein 13                              |
| Q8NCNP5   | Zinc finger and BTB domain-containing protein 44                           |
| Q96N95    | Zinc finger protein 396                                                   |
| Q98YN7    | Zinc finger protein 341                                                   |
| Q09FC8    | Zinc finger protein 415                                                   |
| Q966K6    | Zinc finger protein 562                                                   |
| Q14202    | Zinc finger MYM-type protein 3                                             |
| P16221    | Zinc finger protein 44                                                    |
| Q401N2    | Zinc-activated ligand-gated ion channel                                    |
| P52744    | Zinc finger protein 138                                                   |
| Q06730    | Zinc finger protein 33A                                                   |
| Q6ZSB9    | Zinc finger and BTB domain-containing protein 49                           |
| Q76XX8    | Zinc finger protein 534                                                   |
| P52741    | Zinc finger protein 134                                                   |
| Q95125    | Zinc finger protein 202                                                   |
| A7E2V4    | Zinc finger SWIM domain-containing protein 8                               |
| Q98HNN7   | Zinc finger protein 395                                                   |
| Q96I27    | Zinc finger protein 625                                                   |
| Accession | Protein Name                                      | Description                                      |
|-----------|--------------------------------------------------|--------------------------------------------------|
| Q96K58   | Zinc finger protein 668                          | ZNF668                                           |
| Q9NVE5   | Ubiquitin carboxyl-terminal hydrolase 40         | USP40                                            |
| Q15195   | Villin-like protein                              | VILL                                             |
| P41587   | Vasoactive intestinal polypeptide receptor 2     | VIPR2                                            |
| Q5T4S7   | E3 ubiquitin-protein ligase UBR4                 | UBR4                                             |
| P55808   | Glycoprotein Xg                                  | XG                                               |
| P51809   | Vesicle-associated membrane protein 7            | VAMP7                                            |
| Q6F2C0   | WD repeat-containing protein 93                  | WDR93                                            |
| Q9UBQ0   | Vacuolar protein sorting-associated protein 29   | VPS29                                            |
| A8K0Z3   | WASH complex subunit 1                           | WASHC1                                           |
| Q95558   | Wiskott-Aldrich syndrome protein family member 1 | WASF1                                            |
| Q6UX27   | V-set and transmembrane domain-containing protein 1 | VSTM1                                       |
| A5D8V6   | Vacuolar protein sorting-associated protein 37C  | VPS37C                                           |
| P47992   | Lymphotactin                                     | XCL1                                             |
| Q8NEZ2   | Vacuolar protein sorting-associated protein 37A  | VPS37A                                           |
| Q9UBD3   | Cytokine SCM-1 beta                              | XCL2                                             |
| Q9UI54   | Putative uncharacterized protein XQ5830/PRO19650/PRO19816 | UNQ5830/ |
| A8MZ25   | Putative uncharacterized protein FL38767         | UNQ5830/PRO19650/PRO19816                       |
| Q9UI54   | Putative uncharacterized protein PRO0628        | PRO0628                                          |
| Q86F1    | AN1-type zinc finger protein 1                   | ZFAND1                                           |
| Q6ZTB9   | Putative zinc finger protein 833                 | ZNF833P                                          |
| P17022   | Zinc finger protein 18                           | ZNF18                                            |
| Q5T4F4   | Protrudin                                        | ZFYVE27                                          |
| P17028   | Zinc finger protein 24                           | ZNF24                                            |
| P17031   | Zinc finger protein 26                           | ZNF26                                            |
| Q96JM2   | Zinc finger protein 462                         | ZNF462                                           |
| Q9NUD5   | Zinc finger CCHC domain-containing protein 3     | ZCCHC3                                           |
| Q75MV2   | Protein ZNF767                                   | ZNF767P                                          |
| Q86X7    | Zinc finger protein 575                         | ZNF575                                           |
| Q5V52    | Zinc finger protein 691                         | ZNF691                                           |
| Q8NEM1   | Zinc finger protein 680                         | ZNF680                                           |
| Q9P217   | Zinc finger SWIM domain-containing protein 5     | ZSWIM5                                           |
| Q14592   | Zinc finger protein 460                         | ZNF460                                           |
| Q14584   | Zinc finger protein 266                         | ZNF266                                           |
| Q14586   | Zinc finger protein 267                         | ZNF267                                           |
| B4DX44   | Zinc finger protein 736                         | ZNF736                                           |
| Q75373   | Zinc finger protein 737                         | ZNF737                                           |
| O15553   | Tapasin                                         | TAP8P                                            |
| P32971   | Tumor necrosis factor ligand superfamily member 8 | TNF58F8                                      |
| Q13641   | Trophoblast glycoprotein                        | TPBG                                             |
| P62995   | Transformer-2 protein homolog beta               | TRA2B                                            |
| Q13595   | Transformer-2 protein homolog alpha              | TRA2A                                            |
| Q86W33   | Transmembrane protein adipocyte-associated 1     | TPRA1                                            |
| P45379   | Troponin T, cardiac muscle                       | TNINT2                                           |
| Q9P0T7   | Proton-transporting V-type ATPase complex assembly regulator TMEM9 | TMEM9                                      |
| P57086   | Transmembrane protein 33                         | TMEM33                                            |
| Q6P5X7   | Transmembrane protein 71                         | TMEM71                                            |
| Accession | Description |
|-----------|-------------|
| Q8N427    | Thioredoxin domain-containing protein 3 |
| Q6P7N7    | Transmembrane protein 81 |
| Q9BQJ4    | Transmembrane protein 47 |
| Q6UWJ1    | Transmembrane and coiled-coil domain-containing protein 3 |
| P17152    | Transmembrane protein 11, mitochondrial |
| Q15672    | Twist-related protein 1 |
| A0A0B4J24 | T cell receptor alpha variable 3 |
| O00322    | Uroplakin-1a |
| Q9BZM5    | UL16-binding protein 2 |
| Q96S82    | Ubiquitin-like protein 7 |
| Q96L85    | Ubiquitin-conjugating enzyme E2 E2 |
| Q96AW1    | Vescular, overexpressed in cancer, prosurvival protein 1 |
| Q9P2H5    | Ubiquitin carboxyl-terminal hydrolase 35 |
| Q8N2K1    | Ubiquitin-conjugating enzyme E2 J2 |
| Q8TDU5    | Putative vomeronasal receptor-like protein 4 |
| O14598    | Testis-specific basic protein Y 1 |
| P23763    | Vesicle-associated membrane protein 1 |
| Q9Y277    | Voltage-dependent anion-selective channel protein 3 |
| Q9Y487    | V-type proton ATPase 116 kDa subunit a2 |
| Q9UK3     | Pre-B lymphocyte protein 3 |
| Q96DN2    | von Willebrand factor C and EGF domain-containing protein |
| A8MXK1    | V-set and transmembrane domain-containing protein 5 |
| Q9NX94    | WW domain binding protein 1- |
| Q9Y6i7    | WD repeat and SOCS box-containing protein 1 |
| Q8NBF6    | Protein YIPF7 |
| Q6UXV3    | Uncharacterized protein UNQ6126/PRO20091 |
| Q96U2     | Zinc finger BED domain-containing protein 3 |
| Q8N2I2    | Zinc finger protein 619 |
| Q96WZ6    | Zinc finger protein 227 |
| Q7L5A4    | Zinc finger protein 771 |
| Q6NX45    | Zinc finger protein 774 |
| Q96HO0    | Zinc finger protein 419 |
| Q75437    | Zinc finger protein 254 |
| Q8NAM6    | Zinc finger and SCAN domain-containing protein 4 |
| A1L4H1    | Soluble scavenger receptor cysteine-rich domain-containing protein SSC5D |
| Q75478    | Transcriptional adapter 2-alpha |
| Q96B29    | TBC1 domain family member 20 |
| Q9UT11    | Tubulin delta chain |
| Q13207    | T-box transcription factor TBX2 |
| P10636    | Microtubule-associated protein tau |
| Q14188    | Transcription factor Dp-2 |
| Q6NXR4    | TEO2-interacting protein 2 |
| A6NIH7    | Protein unc-119 homolog B |
| Q6ZUT4    | Putative uncharacterized protein FLJ43343 |
| Q96MT0    | Putative uncharacterized protein FLJ31958 |
| Q9BZ59    | Putative uncharacterized protein PNAS-138 |
| Accession | Description |
|-----------|-------------|
| Q6WRX3   | Protein zyg-11 homolog A | ZYG11A |
| P98168   | Zinc finger X-linked protein Zxda | ZXDA |
| Q15915   | Zinc finger protein Zic 1 | ZIC1 |
| Q9H5H4   | Zinc finger protein ZNF68 | ZNF68 |
| Q96F45   | Zinc finger protein ZNF503 | ZNF503 |
| Q99229   | ZW10 interactor | ZWINT |
| Q5VG8    | Zinc finger protein ZNF506 | ZNF506 |
| Q9H9D4   | Zinc finger protein 408 | ZNF408 |
| Q8lZ20   | Olfactory receptor 8l2 | OR8l2 |
| P23515   | Oligodendrocyte-myelin glycoprotein | OMG |
| Q8NH61   | Olfactory receptor 51F2 | OR51F2 |
| Q5VZ03   | Nucleoredoxin-like protein 2 | NNXL2 |
| Q96MR7   | Putative uncharacterized protein OBSCN-AS1 | OBSCN-AS1 |
| Q8N0Y5   | Olfactory receptor 8l2 | OR8l2 |
| A4DG3    | Olfactory receptor 2A25 | OR2A25 |
| P23515   | Oligodendrocyte-myelin glycoprotein | OMG |
| Q8NH61   | Olfactory receptor 51F2 | OR51F2 |
| Q5VZ03   | Nucleoredoxin-like protein 2 | NNXL2 |
| Q01968   | Inositol polyphosphate 5-phosphatase OCRL | OCRL |
| Q15527   | N-glycosylase/DNA lyase | OGLN1 |
| Q9Y236   | Oxidative stress-induced growth inhibitor 2 | OSGIN2 |
| Q8TF05   | Serine/threonine-protein phosphatase 4 regulatory subunit 1 | PPP4R1 |
| Q9UKF7   | Cytoplasmic phosphatidylinositol transfer protein 1 | PITPN1 |
| Q01970   | 1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase beta-3 | PLCB3 |
| E5RG02   | Putative serine protease 46 | PRSS46P |
| Q96N29   | Proline-rich acidic protein 1 | PRAP1 |
| Q60811   | PRAME family member 2 | PRAMEF2 |
| Q6MVM9   | Proline-rich protein 27 | PRR27 |
| Q516V5   | Queuosine salvage protein | C9orf64 |
| Q06141   | Regenerating islet-derived protein 3-alpha | REG3A |
| A6NC62   | Putative RBAK downstream neighbor protein | RBAKDN |
| P29558   | RNA-binding motif, single-stranded-interacting protein 1 | RBMS1 |
| Q96D21   | GTP-binding protein Rh1 | RASD2 |
| Q9H929   | RNA-binding protein 38 | RBM38 |
| Q8N264   | Rho GTPase-activating protein 24 | ARHGAP24 |
| Q6NW40   | RGM domain family member B | RGM8 |
| Q9UGC7   | Peptide chain release factor 1-like, mitochondrial | MTRF1L |
| P49802   | Regulator of G-protein signaling 7 | RGS7 |
| P51606   | N-acetylglucosamine 2-epimerase | REBP |
| P31350   | Ribonucleoside-diphosphate reductase subunit M2 | RRM2 |
| P35249   | Replication factor C subunit 4 | RFC4 |
| Q9BYD1   | 39S ribosomal protein L13, mitochondrial | MRPL13 |
| Q96E39   | RNA binding motif protein, X-linked-like-1 | RBMXL1 |
| Q9NRX2   | 39S ribosomal protein L17, mitochondrial | MRPL17 |
| Q9Y6G3   | 39S ribosomal protein L42, mitochondrial | MRPL42 |
| Q9H9J2   | 39S ribosomal protein L44, mitochondrial | MRPL44 |
| P10155   | 60 kDa SS-A/Ro | RO60 |
| Accession | Description |
|-----------|-------------|
| Q5M7Z0    | E3 ubiquitin-protein ligase RNFT1 |
| Q86X10    | Ral GTPase-activating protein subunit beta |
| Q95AT9    | Ribulose-phosphate 3-epimerase |
| Q8N6D2    | E3 ubiquitin-protein ligase |
| Q2M238    | Putative RNR3-like protein |
| E7ERA6    | RING finger protein 223 |
| Q15027    | Protein transport protein Sec16A |
| P51172    | Amiloride-sensitive sodium channel subunit delta |
| A3KN83    | Protein strawberry notch homolog 1 |
| Q68EB4    | Transcription factor Sp5 |
| Q86U17    | Serpin A11 |
| Q9Y2E8    | Sodium/hydrogen exchanger 8 |
| Q9H7B4    | Histone-lysine N-methyltransferase SMYD3 |
| Q9R2581   | Sodium/hydrogen exchanger 6 |
| P57768    | Sorting nexin-16 |
| Q12824    | SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily B member 1 |
| Q14190    | Single-minded homolog 2 |
| Q9NS26    | Sperm protein associated with the nucleus on the X chromosome A |
| Q13103    | Secreted phosphoprotein 24 |
| P0D180    | Small integral membrane protein |
| Q9Y5X2    | Sorting nexin-8 |
| P01286    | Somatoliberin |
| A6NLX3    | speedy protein E4 |
| A6NJR5    | Putative speedy protein-like protein 3 |
| Q92185    | Alpha-N-acetylatedaminde alpha-2,8-sialyltransferase |
| Q5JUX0    | Spindlin-3 |
| P50452    | Serpin B8 |
| Q08AF3    | Schilfen family member 5 |
| A0MJ66    | Shootin-1 |
| Q15772    | Striated muscle preferentially expressed protein kinase |
| Q7RT4     | Putative protein SSX8 |
| Q8I2U3    | Synaptonemal complex protein 3 |
| P0DMN0    | Sulphotransferase 1A4 |
| Q9Y6E0    | Serine/threonine-protein kinase |
| Q7KZ4F    | Staphylococcal nuclease domain-containing protein 1 |
| P51687    | Sulfite oxidase, mitochondrial |
| Q43805    | Sjogren syndrome nuclear autoantigen 1 |
| Q96FJ0    | AMSH-like protease |
| Q9P289    | Serine/threonine-protein kinase |
| Q43815    | Stratin |
| Q9BXU3    | Testis-expressed protein 13A |
| Q9BZ45    | Putative gamma-taxilin 2 |
| Q8N4V2    | Synaptic vesicle 2-related protein |
| Q8WWY7    | Ubiquitin-like domain-containing CTD phosphatase 1 |
| Q9UPU5    | Ubiquitin carboxyl-terminal hydrolase 24 |
| P09936    | Ubiquitin carboxyl-terminal hydrolase isozyme L1 |
| Q62M32    | Nesprin-3 |
| Q8N3V7    | Synaptopodin |
| Q515C0    | Syntaxin-binding protein 5 |
| Q8WXF0    | Serine/arginine-rich splicing factor 12 |
| Q7LQ03    | Synaptic vesicle glycoprotein 2A |
| Accession  | Description                                                                 |
|-----------|------------------------------------------------------------------------------|
| O43818    | U3 small nucleolar RNA-interacting protein 2                                 |
| Q9NYW1    | Taste receptor type 2 member 9                                               |
| Q95935    | T-box transcription factor TBX18                                              |
| P0DSN6    | Putative taste receptor type 2 member 33                                     |
| P26639    | Threonyl--tRNA ligase 1, cytoplasmian                                          |
| P59540    | Taste receptor type 2 member 46                                               |
| Q8NA31    | Telomere repeats-binding bouquet formation protein 1                          |
| Q8N6V9    | Testis-expressed protein 9                                                   |
| O43247    | Testis-expressed protein 33                                                  |
| P54274    | Telomeric repeat-binding factor 1                                            |
| Q96AN5    | Transmembrane protein 143                                                    |
| A0A0Y9YWP8| T cell receptor beta joining 1-3                                              |
| Q01664    | Transcription factor AP-4                                                    |
| Q96AQ2    | Transmembrane protein 125                                                    |
| Q5VWP2    | Terminal nucleotidytransferase 5C                                             |
| Q9H808    | Transducin-like enhancer protein TLE6                                         |
| Q96RS0    | Trimethylguanosine synthase                                                   |
| Q96Q45    | Transmembrane protein 237                                                    |
| Q5SV17    | Transmembrane protein 240                                                    |
| Q5HYJ1    | Trans-2,3-enoyl-CoA reductase-like                                            |
| A0A0B4J1U4| T cell receptor gamma variable 5                                              |
| Q7Z2V1    | Protein TNT                                                                  |
| Q86W16    | E3 ubiquitin-protein ligase                                                   |
| Q68CL5    | Tubulin polyglutamylase complex subunit 2                                    |
| O14773    | Tripeptidyl-peptidase 1                                                      |
| Q8IWU9    | Tryptophan 5-hydroxylase 2                                                   |
| Q96B49    | Mitochondrial import receptor subunit TOM6 homolog                           |
| Q6P89     | Tumor necrosis factor alpha-induced protein B-like protein 2                 |
| Q5SW49    | Transmembrane protein 69                                                     |
| Q9Y6Q6    | Tumor necrosis factor receptor superfamily member 11A                        |
| Q93038    | Tumor necrosis factor receptor superfamily member 25                         |
| Q8WWA1    | Transmembrane protein 40                                                     |
| Q75386    | Tubby-related protein 3                                                      |
| P40126    | L-dopachrome tautomerase                                                      |
| A0A0B4J27 | T cell receptor alpha variable 22                                              |
| A0JD32    | T cell receptor alpha variable 38-2/delta variable 8                          |
| A0A075B6X5| T cell receptor alpha variable 18                                              |
| A0A5B6    | T cell receptor beta variable 28                                               |
| Q9H489    | Putative tests-specific Y-encoded-like protein 3                             |
| A0A0A0MS  | Probable non-functional T cell receptor beta variable 23-1                   |
| Q8WU66    | Thrombospondin-type laminin G domain and EAR repeat-containing protein        |
| A0A5B7    | T cell receptor beta variable 29-1                                            |
| Q9BX84    | Transient receptor potential cation channel subfamily M member 6             |
| 000762    | Ubiquitin-conjugating enzyme E2 C                                             |
| P22309    | UDP-glucuronosyltransferase 1A                                                |
| Q51124    | UBX domain-containing protein 11                                              |
| P54855    | UDP-glucuronosyltransferase                                                   |
| Accession | Description                                                                 | Accession | Description |
|-----------|------------------------------------------------------------------------------|-----------|-------------|
| Q9HAC8    | Ubiquitin domain-containing protein 1                                         | P0DTE4   | UDP-glucuronosyltransferase 2A1                         |
| Q9H321    | Variable charge X-linked protein 3B                                            | Q9NZ43   | Vesicle transport protein USE1                         |
| Q9Y462    | Zinc finger protein 711                                                        | Q86X18   | Uncharacterized protein ZSWIM9                         |
| Q9POL1    | Zinc finger protein with KRAB and SCAN domains 7                               | Q5T5D7   | Zinc finger protein 684                                |
| Q9UHJ9    | Post-GPI attachment to proteins factor 2                                        | P78424   | POU domain, class 6, transcription factor 2             |
| Q06830    | Peroxiredoxin-1                                                               | Q5SZ5    | Protein PRRC2B                                         |
| P13727    | Bone marrow proteoglycan                                                       | Q9HCU5   | Prolactin regulatory element-binding protein            |
| Q8ILY9    | Psychosine receptor                                                           | Q8N4Q0   | Prostaglandin reductase 3                              |
| O00233    | 26S proteasome non-ATPase regulatory subunit 9                                 | Q9UPQ7   | E3 ubiquitin-protein ligase PDZRN3                      |
| P11216    | Glycogen phosphorylase, brain form                                             | Q96BN2   | Transcriptional adapter 1                              |
| P12931    | Proto-oncogene tyrosine-protein kinase Src                                     | Q62T07   | TBC1 domain family member 9                            |
| Q9NK5     | Protein THEMIS                                                                 | Q98X12   | Transmembrane protein 106C                             |
| Q06EX7    | Testis-expressed protein 38                                                    | Q9J98    | Transmembrane protein 238                              |
| Q9BU79    | Transmembrane protein 243                                                     | Q96B77   | Transmembrane protein 186                              |
| Q8Z69     | tRNA                                                                          | Q9UK28   | Transmembrane protein 59-like                          |
| Q15185    | Prostaglandin E synthase 3                                                    | Q2MV58   | Tectonic-1                                             |
| Q96Q11    | CCA RNA nucleotidyltransferase 1, mitochondrial                               | Q99Q61   | Telomerase RNA component interacting RNase             |
| Q98Q61    | Telomerase RNA component interacting RNase                                     | P55327   | Tumor protein D52                                      |
| Q8N16     | Transmembrane protein 99                                                       | Q98U77   | Transmembrane protein 186                              |
| Q3KN9     | Sperm-egg fusion protein                                                        | Q98Z69   | tRNA                                                      |
| P00750    | Tissue-type plasminogen activator                                             | Q9Y2Y6   | Transmembrane protein 98                               |
| Q83IZ5    | Tumor necrosis factor ligand superfamily member 14                            | O43557   | Tumor necrosis factor ligand superfamily member 14     |
| O15016    | Tripartite motif-containing protein 66                                          | P00750   | Tissue-type plasminogen activator                      |
| Q9H354    | Thiamin pyrophosphokinase 1                                                    | Q9Y2H6   | Transmembrane protein 98                               |
| Q7Z7H5    | Transmembrane emp24 domain-containing protein 4                               | Q9Y3A6   | Transmembrane emp24 domain-containing protein 5        |
| A0J5X8    | Transmembrane protein 82                                                       | A0A0B4J28| T cell receptor alpha variable 40                     |
| Q02223    | Tumor necrosis factor receptor superfamily member 17                          | TCF162   | Transmembrane protein 98                               |
|           |                                                                               |           |                                                         |
| Accession | Description |
|-----------|-------------|
| A0A087WT03 | T cell receptor alpha variable 26-1 (TRAV26-1) |
| O43914 | TYRO protein tyrosine kinase-binding protein (TYROBP) |
| P54578 | Ubiquitin carboxyl-terminal hydrolase 14 (USP14) |
| O94874 | E3 UFM1-protein ligase 1 (UFL1) |
| Q96LJ8 | UBX domain-containing protein 10 (UBXN10) |
| Q6NUS8 | UDP-glucuronosyltransferase 3A1 (UGT3A1) |
| A6NNY8 | Ubiquitin carboxyl-terminal hydrolase 27 (USP27X) |
| O75604 | Ubiquitin carboxyl-terminal hydrolase 2 (USP2) |
| Q70EL1 | Inactive ubiquitin carboxyl-terminal hydrolase 54 (USP54) |
| Q6PFW1 | Inositol hexakisphosphate and diphosphoinositol-pentakisphosphate kinase 1 (PIP5K1) |
| Q9NRM2 | Zinc finger protein 277 (ZNF277) |
| Q8N8E2 | Zinc finger protein 513 (ZNF513) |
| Q9P2Y4 | Zinc finger protein 219 (ZNF219) |
| A6NK53 | Zinc finger protein 233 (ZNF233) |
| Q079556 | Serine/arginine-rich splicing factor 1 (SRSF1) |
| Q8WXX0 | Nesprin-2 (SYNE2) |
| Q8NOU8 | Vitamin K epoxide reductase complex subunit 1-like protein 1 (VKORC1L1) |
| Q9BUF5 | Tubulin beta-6 chain (TUBB6) |
| P54577 | Tyrosine--tRNA ligase, cytoplasmic (YARS1) |
| Q9BQE3 | Tubulin alpha-1C chain (TUBA1C) |
| A0A1B0GU7A7 | Testis-expressed protein 51 (TEX51) |
| Q9HL65 | DNA transposase THAP9 (THAP9) |
| Q96NL4 | THAP domain-containing protein 11 (THAP11) |
| Q997S7 | Thioredoxin, mitochondrial (TXN2) |
| Q8UEE8 | Serine/threonine-protein kinase tissued-like 2 (TLK2) |
| Q9NU19 | TBC1 domain family member 22B (TBC1D22B) |
| Q9UKL5 | Tomoregulin-2 (TMEM92) |
| Q9BRRN9 | TM2 domain-containing protein 3 (TM2D3) |
| Q5Q6E6 | Deoxynucleotidyltransferase terminal-interacting protein 2 (DNTTIP2) |
| Q9P070 | Transmembrane protein 50A (TMEM50A) |
| P21580 | Tumor necrosis factor alpha-induced protein 3 (TNFAIP3) |
| Q96077 | Tumor protein D55 (TPDS5L3) |
| Q9UI30 | Multifunctional methyltransferase subunit TRM112-like protein (TRMT112) |
| Q86SSZ2 | Trafficking protein particle complex subunit 6B (TRAPPC6B) |
| Q6ZU10 | Tumor protein p63-regulated gene 1 protein (TPRG1) |
| A8MYB1 | Transmembrane and coiled-coil domain-containing protein 5B (TMCO5B) |
| Q5XW9 | Thioredoxin domain-containing protein 6 (NME9) |
| P53007 | Tricarboxylate transport protein, mitochondrial (SLC25A1) |
| A0A0B4J3Z6 | T cell receptor alpha variable 26-2 (TRAV26-2) |
| P01733 | T cell receptor alpha variable 12-3 (TRAV12-3) |
| O75317 | Ubiquitin carboxyl-terminal hydrolase 12 (USP12) |
| Q95847 | Mitochondrial uncoupling protein 4 (SLC25A27) |
| P40818 | Ubiquitin carboxyl-terminal hydrolase 8 (USP8) |
| Accession  | Description                                                                 |
|------------|-----------------------------------------------------------------------------|
| Q13106     | Zinc finger protein 154                                                    |
| Q35X23     | Zinc finger protein 178                                                    |
| Q32C1      | Zinc finger protein 260                                                    |
| A6MVU8     | Putative zinc finger protein 727                                            |
| Q18600     | Zinc finger protein 239                                                    |
| Q94982     | Zinc finger protein 432                                                    |
| O43929     | Origin recognition complex subunit 4                                       |
| Q96R08     | Olfactory receptor 5B12                                                     |
| Q8NGS1     | Olfactory receptor 1J4                                                     |
| Q9UH64     | Putative protein CDKN2A-DT                                                  |
| Q8NGU2     | Olfactory receptor 9A4                                                     |
| Q8NH92     | Olfactory receptor 1S1                                                     |
| Q16633     | POU domain class 2-associating factor 1                                    |
| Q96E52     | Metalloendopeptidase OMA1, mitochondrial                                   |
| Q5RSA5     | Olfactory receptor 10J3                                                    |
| Q9HC25     | Olfactory receptor 52A5                                                    |
| Q9P2P1     | Protein NYNRIN                                                             |
| Q8NGY1     | Olfactory receptor 10Z1                                                    |
| Q96RD2     | Olfactory receptor 52B2                                                    |
| Q9H343     | Olfactory receptor 51I1                                                    |
| Q8NH57     | Putative olfactory receptor 52P1                                            |
| Q8NH6C     | Putative olfactory receptor 14L1                                            |
| Q9BVG4     | Protein PBDC1                                                              |
| O60331     | Phosphatidylinositol 4-phosphate 5-kinase type-1 gamma                     |
| P07202     | Thyroid peroxidase                                                         |
| P11678     | Epinophil peroxidase                                                        |
| Q8N0Y7     | Probable phosphoglycerate mutase 4                                         |
| Q9HB75     | p53-induced death domain-containing protein 1                              |
| Q15319     | POU domain, class 4, transcription factor 3                                 |
| Q99811     | Paired mesoderm homeobox protein 2                                         |
| Q16827     | Receptor-type tyrosine-protein phosphatase O                               |
| P49590     | Histidine--tRNA ligase, mitochondrial                                       |
| Q15833     | Syntaxin-binding protein 2                                                 |
| O00268     | Transcription initiation factor TFIID subunit 4                             |
| P29084     | Transcription initiation factor TFIID subunit beta                          |
| Q9UFI3     | Tekitin-2                                                                  |
| Q9NV29     | Transmembrane protein 100                                                  |
| P01033     | Metalloproteinase inhibitor 1                                               |
| Q98VC6     | Transmembrane protein 109                                                  |
| Q6U05      | Transmembrane protein 270                                                  |
| Q969M1     | Mitochondrial import receptor subunit TOM40B                                |
| Q9H0R3     | Transmembrane protein 222                                                  |
| Q9BXT4     | Tudor domain-containing protein 1                                           |
| O75443     | Alpha-tectorin                                                             |
| Q9GZU3     | Transmembrane protein 39B                                                  |
| P07204     | Thrombomodulin                                                             |
| Q8WVP5     | Tumor necrosis factor alpha-induced protein 8-like protein 1               |
| O15393     | Transmembrane protease serine 2                                            |
| Q95271     | Poly                                                                       |
| O14933     | Ubiquitin/ISG15-conjugating enzyme E2 L6                                    |
| Q8N6Y0     | Usher syndrome type-1C protein-binding protein 1                            |
| P13693 | Translationally-controlled tumor protein | TPT1 |
| Q9BZK7 | F-box-like/WD repeat-containing protein TBL1XR1 | TBL1XR1 |
| Q9UK61 | Protein TASOR | TASOR |
| Q9P0N9 | TBC1 domain family member 7 | TBC1D7 |
| Q9UNS1 | Protein timeless homolog | TIMELESS |
| Q8TBZ6 | RNA methyltransferase 10 homolog A | TRMT10A |
| A6NGC4 | TLC domain-containing protein 2 | TLC2D |
| Q99603 | T cell receptor gamma variable 9 | TRGV9 |
| P28908 | Tumor necrosis factor receptor superfamily member 8 | TNFRSF8 |
| Q06643 | Lymphotoxin-beta | LTB |
| P63316 | Troponin C, slow skeletal and cardiac muscles | TNNC1 |
| Q9Y2W1 | Thyroid hormone receptor-associated protein 3 | THRAP3 |
| Q9HCN2 | p53-regulated apoptosis-inducing protein 1 | TP53AIp1 |
| Q9BRA2 | Short transient receptor potential channel 5 | TRPC5 |
| A0A0B4J26 | T cell receptor alpha variable 8-6 | TRAV8-6 |
| Q9NIX1 | Tuffelin | TUF1 |
| Q8N831 | Testis-specific Y-encoded-like protein 6 | TSPYL6 |
| Q00341 | Vigilin | HDLBP |
| P01282 | VIP peptides | VIP |
| P51965 | Ubiquitin-conjugating enzyme E2 E1 | UBE2E1 |
| Q9UN37 | Vacuolar protein sorting-associated protein 4A | VPS4A |
| Q7Z7D3 | V-set domain-containing T-cell activation inhibitor 1 | VTCN1 |
| Q14508 | WAP four-disulfide core domain protein 2 | WFDC2 |
| Q9UE0 | Vesicle transport through interaction with t-SNAREs homolog 1B | VTI1B |
| Q6TAG5 | V-set and transmembrane domain-containing protein 2A | VSTM2A |
| Q92889 | DNA repair endonuclease XPF | ERCC4 |
| Q96GI6 | Syndetin | VPS50 |
| Q9BFM9 | Ubiquitin-related modifier 1 | URM1 |
| Q9P1Q0 | Vacuolar protein sorting-associated protein 54 | VPS54 |
| Q8NMF6 | Vomeronasal type-1 receptor 2 | VN1R2 |
| Q15906 | Vacuolar protein sorting-associated protein 72 homolog | VPS72 |
| Q8N398 | von Willebrand factor A domain-containing protein 5B2 | VWA5B2 |
| P13010 | X-ray repair cross-complementing protein 5 | XRCC5 |
| Q6PJ9 | GATOR complex protein WDR59 | WDR59 |
| Q96GT9 | X antigen family member 2 | XAGE2 |
| Q9P202 | Whirlin | WHRN |
| Q8IXZ2 | Zinc finger CCCH domain-containing protein 3 | ZC3H3 |
| P52746 | Zinc finger protein 142 | ZNF142 |
| Q8N895 | Zinc finger protein 366 | ZNF366 |
| Q5EBL2 | Zinc finger protein 628 | ZNF628 |
| A6N4F4 | Zinc finger protein 726 | ZNF726 |
| Q92610 | Zinc finger protein 592 | ZNF592 |
| Q3MII6 | TBC1 domain family member 25 | TBC1D25 |
| Q9Y2Z4 | Tyrosine--tRNA ligase, mitochondrial | YARS2 |
| Q9UJ15 | Transgelin-3 | TAGLN3 |
| Accession | Description                                                                 | Reference  |
|-----------|-------------------------------------------------------------------------------|------------|
| Q9Y3Q8    | TSC22 domain family protein 4                                                 | TSC22D4    |
| Q8WUA4    | General transcription factor 3C polypeptide 2                                 | GTF3C2     |
| Q9Y5J7    | Mitochondrial import inner membrane translocase subunit Tim9                  | TIMM9      |
| Q9NYW4    | Taste receptor type 2 member 5                                                | TAS2R5     |
| Q58VD1    | TPA-induced transmembrane protein                                             | TTMP       |
| Q96AE7    | Tetra- and tripeptide repeat protein 17                                       | TTC17      |
| Q95B85    | Tetraspanin-15                                                                | TSPAN15    |
| P62328    | Thymosin beta-4                                                               | TMSB4X     |
| Q8TD43    | Transient receptor potential cation channel subfamily M member 4              | TRPM4      |
| A0A5T6    | T cell receptor beta variable 3-1                                              | TRBV3-1    |
| A0A07S6G6 4 | T cell receptor beta variable 25-1                                            | TRBV25-1   |
| Q6ZU65    | Ubiquinol-cytochrome c reductase ubiquinol-cytochrome c oxidoreductase complex subunit 1 | UBN2       |
| Q9UMW8    | Ub carboxyl-terminal hydrolase 18                                              | USP18      |
| Q9BZ2X2   | Uridine-cytidine kinase 2                                                     | UCK2       |
| P45974    | Ubiquitin carboxyl-terminal hydrolase 5                                       | USP5       |
| P35968    | Vascular endothelial growth factor receptor 2                                 | KDR        |
| Q5T750    | Skin-specific protein 32                                                      | XP32       |
| P63120    | Endogenous retrovirus group K member 19 Pro protein                           | ERVK-19    |
| Q86VN1    | Vacular protein-sorting-associated protein 36                                 | VPS36      |
| Q8IZQ1    | WD repeat and FYVE domain-containing protein 3                                 | WDFY3      |
| Q969T9    | WW domain-binding protein 2                                                   | WBP2       |
| PD07P2    | V-set and immunoglobulin domain-containing protein 10-like 2                  | VSIG10L2   |
| Q9H1J5    | Protein Wnt-8a                                                                | WNT8A      |
| P58S57    | Endonuclease YbeY                                                             | YBEY       |
| Q8TAT8    | Putative uncharacterized protein LOC44613                                     |            |
| Q0VFX4    | Putative uncharacterized protein LOC100126554                                 |            |
| Q9Y6X8    | Zinc fingers and homeoboxes protein 2                                         | ZHX2       |
| A0MWP4    | Putative uncharacterized protein ENSP00000401716                              |            |
| Q9H650    | 3'→5' RNA helicase YTHDC2                                                     | YTHDC2     |
| O60384    | Putative zinc finger protein 861                                              | ZNF861P    |
| O43167    | Zinc finger and BTB domain-containing protein 24                              | ZBTB24     |
| Q07157    | Tight junction protein ZO-1                                                   | TJP1       |
| P21506    | Zinc finger protein 10                                                        | ZNF10      |
| Q6ZTR6    | Putative uncharacterized protein ZNF516-DT                                     | ZNF516-DT  |
| Q9PF29    | Zinc finger protein 319                                                       | ZNF319     |
| Q96K80    | Zinc finger CCCH domain-containing protein 10                                  | ZC3H10     |
| P17038    | Zinc finger protein 43                                                        | ZNF43      |
| Q8NBZ8    | Zinc finger protein 441                                                       | ZNF441     |
| Q9Y3M9    | Zinc finger protein 337                                                       | ZNF337     |
| P17035    | Zinc finger protein 28                                                        | ZNF28      |
| Q5VIY5    | Zinc finger protein 468                                                       | ZNF468     |
| Q8NA42    | Zinc finger protein 383                                                       | ZNF383     |
| Q96NG8    | Zinc finger protein 582                                                       | ZNF582     |
| Q03924    | Zinc finger protein 117                                                       | ZNF117     |
| Q96ND8    | Zinc finger protein 583                                                       | ZNF583     |
| P52738    | Zinc finger protein 133                                                       | ZNF133     |
| Gene ID   | Description                                                                 |
|----------|-----------------------------------------------------------------------------|
| Q16670   | Zinc finger and SCAN domain-containing protein 26                          |
| Q14929   | Zinc finger protein 169                                                    |
| Q8N680   | Zinc finger and BTB domain-containing protein 2                             |
| Q81B25   | Zinc finger protein 502                                                    |
| Q81YB8   | Zinc finger protein 440                                                    |
| Q9BVV6   | Protein TALPID3                                                            |
| Q69Y2    | THO complex subunit 7 homolog                                              |
| Q9HB0L1  | Tensin-1                                                                   |
| Q96A25   | Transmembrane protein 106A                                                 |
| Q9NYK1   | Toll-like receptor 7                                                       |
| Q9Y6M0   | Testisin                                                                   |
| P52655   | Transcription initiation factor IIA subunit 1                              |
| P62072   | Mitochondrial import inner membrane translocase subunit Tim10              |
| A0A1BO4T4 | Testis-expressed protein 50                                               |
| P10828   | Thyroid hormone receptor beta                                               |
| Q13889   | General transcription factor IIF subunit 3                                 |
| Q8NDG6   | ATP-dependent RNA helicase TDRD9                                           |
| O43493   | Trans-Golgi network integral membrane protein 2                            |
| Q9NW8D   | Transmembrane protein 248                                                  |
| Q9HD45   | Transmembrane 9 superfamily member 3                                       |
| P21980   | Protein–glutamine gamma-glutamyltransferase 2                              |
| Q981X3   | Transmembrane protein 208                                                  |
| O43715   | TP53-regulated inhibitor of apoptosis 1                                     |
| Q9C037   | E3 ubiquitin–protein ligase TRIM4                                          |
| Q9BV7T8  | Transmembrane and ubiquitin-like domain-containing protein 1              |
| Q96BO3   | Tripartite motif-containing protein 43                                      |
| Q9BYV2   | Tripartite motif-containing protein 54                                      |
| Q9P722   | Probable tRNA methyltransferase 9B                                          |
| Q9HAV5   | Tumor necrosis factor receptor superfamily member 27                       |
| Q9NUQ7   | Ufm1-specific protease 2                                                   |
| P17480   | Nucleolar transcription factor 1                                            |
| Q13432   | Protein unc-119 homolog A                                                  |
| Q01WV7   | E3 ubiquitin–protein ligase UBR1                                            |
| P51668   | Ubiquitin–conjugating enzyme E2 D1                                         |
| O43915   | Vascular endothelial growth factor D                                       |
| Q0HIJ7   | Protein Wnt–5b                                                             |
| A114Q6   | Putative uncharacterized protein FLJ41423                                  |
| Q6Z5R4   | Putative uncharacterized protein FLJ46641                                  |
| P07947   | Tyrosine–protein kinase Yes                                                |
| Q96MFO   | Putative uncharacterized protein LOC100506887                              |
| Q86U90   | YrdC domain-containing protein, mitochondrial                               |
| Q96EP6   | Zinc finger imprinted 3                                                    |
| Q8N393   | Zinc finger protein 786                                                    |
| A0N282   | Zinc finger protein 92 homolog                                             |
| Q9Z13    | Protein ZBED8                                                              |
| Q96LW1   | Zinc finger protein 354B                                                   |
| Accession | Protein Name                                      | GO ID |
|-----------|--------------------------------------------------|-------|
| P86452    | Zinc finger BED domain-containing protein 6       | ZBED6 |
| P51814    | Zinc finger protein 41                            | ZNF41 |
| Q96RE9    | Zinc finger protein 300                           | ZNF300|
| Q9Y2Y4    | Zinc finger and BTB domain-containing protein 32  | ZBTB32|
| Q8NB15    | Zinc finger protein 511                           | ZNF511|
| Q96N58    | Zinc finger protein 578                           | ZNF578|
| Q96N20    | Zinc finger protein 75A                           | ZNF75A|
| A8MYX4    | Zinc finger protein 99                            | ZNF99 |
| Q9P2J8    | Zinc finger protein 624                           | ZNF624|
| O43264    | Centromere/kinetochore protein zw10 homolog       | ZW10  |
| Q8N7M2    | Zinc finger protein 283                           | ZNF283|
| Q8WWF5    | E3 ubiquitin-protein ligase ZNRF4                  | ZNRF4 |
| Q6ZMV8    | Putative zinc finger protein 730                   | ZNF730|
| Q996I4    | Tetraicopeptide repeat protein 1                  | TIC1  |
| Q6ZZT0    | Inactive polyglycylase TTLL10                      | TTLL10|
| A0A07566N2| T cell receptor beta variable 20-1                | TRBV20-1|
| P0CB48    | Putative upstream-binding factor 1-like protein 6 | UBTF6 |
| Q95185    | Netrin receptor UNC5C                              | UNC5C |
| Q14139    | Ubiquitin conjugation factor E4 A                  | UBE4A |
| O14562    | Ubiquitin domain-containing protein UBFD1          | UBFD1 |
| P38435    | Vitamin K-dependent gamma-carboxylase              | GGCX  |
| Q6UXN9    | WD repeat-containing protein B2                    | WDR82 |
| Q9UK41    | Vacuolar protein sorting-associated protein 28 homolog | VPS28 |
| Q9ULK5    | Vang-like protein 2                               | VANGL2|
| P30291    | Ww41-like protein kinase                           | WEE1  |
| Q5SOQ9    | Ventral anterior homeobox 1                        | VAX1  |
| Q9NQH7    | Xaa-Pro aminopeptidase 3                           | XPNPEP3|
| Q8N3I6    | WD repeat-containing protein 36                    | WDR36 |
| Q9Y4E1    | WASH complex subunit 2C                            | WASHC2C|
| Q6ZS81    | WD repeat- and FYVE domain-containing protein 4    | WDFY4 |
| P56705    | Protein Wnt-4                                      | WNT4  |
| Q9H977    | WD repeat-containing protein 54                    | WDR54 |
| P19544    | Wilms tumor protein                                | WTI   |
| P39544    | Protein Wnt-2                                      | WNT2  |
| A8MV72    | Putative UPF0607 protein ENSP00000382826           |       |
| Q96EC8    | Protein YIPF6                                      | YIPF6 |
| Q96TA2    | ATP-dependent zinc metalloprotease YME1L1          | YME1L1|
| Q8NA96    | Putative uncharacterized protein FLJ35723          |       |
| A8MU10    | Putative uncharacterized protein ENSP00000381562  |       |
| Q6ZWC4    | Putative uncharacterized protein LOC100128429      |       |
| Q6ZTC4    | Putative uncharacterized protein FLJ44790          |       |
| Q6ZVQ6    | Putative uncharacterized protein FLJ42213          |       |
| Q96N36    | Zinc finger protein 3 homolog                       | ZFP3  |
| Q0VGE8    | Zinc finger protein 816                            | ZNF816|
| Q8WUI90   | Zinc finger CCCH domain-containing protein 15      | ZC3H15|
| A8MT65    | Zinc finger protein 891                            | ZNF891|
| Q9UPT8    | Zinc finger CCCH domain-containing protein 4        | ZC3H4 |
| Q9UL40    | Zinc finger protein 346                            | ZNF346|
| Q8IWy8    | Zinc finger and SCAN domain-containing protein 29  | ZSCAN29|
| Accession | Description                                                | ID       |
|-----------|-------------------------------------------------------------|----------|
| Q15776    | Zinc finger protein with KRAB and SCAN domains 8             | ZKSCAN8  |
| Q98TP6    | Zinc finger BED domain-containing protein 2                  | ZBED2    |
| Q53G13    | Zinc finger protein 394                                      | ZNF394   |
| Q6PEW1    | Zinc finger CCHC domain-containing protein 12                | ZCCHC12  |
| Q9NW07    | Zinc finger protein 358                                      | ZNF358   |
| Q8IWU4    | Zinc transporter 8                                           | SLC30A8  |
| Q8TAQ5    | Zinc finger protein 420                                      | ZNF420   |
| Q969J2    | Zinc finger protein with KRAB and SCAN domains 4             | ZKSCAN4  |
| Q70YC5    | Protein ZNF365                                               | ZNF365   |
| Q99726    | Zinc transporter 3                                           | SLC30A3  |
| Q96GY0    | Zinc finger C2HC domain-containing protein 1A                | ZC2HC1A  |
| Q9H4T2    | Zinc finger and SCAN domain-containing protein 16            | ZSCAN16  |
| Q92670    | Putative zinc finger protein 75C                             | ZNF75CP  |
| Q8NAP0    | Zinc finger protein 579                                      | ZNF579   |
| Q03938    | Zinc finger protein 90                                       | ZNF90    |
| Q9BHR9    | Zinc finger protein 251                                      | ZNF251   |
| Q9UK33    | Zinc finger protein 580                                      | ZNF580   |
| Q96IT1    | Zinc finger protein 496                                      | ZNF496   |
| Q4KMZ1    | IQ domain-containing protein C                               | IQCC     |
| Q6IE81    | Protein Jade-1                                               | JADE1    |
| P05556    | Integrin beta-1                                              | ITGB1    |
| P07476    | Involucrin                                                  | IVL      |
| Q9P206    | Uncharacterized protein KIAA1522                            | KIAA1522 |
| Q14643    | Inositol 1,4,5-triphosphate receptor type 1                  | ITPR1    |
| Q92B13    | Type II iodothyronine deiodinase                             | DIO2     |
| Q9NXR8    | Inhibitor of growth protein 3                                | ING3     |
| Q60662    | Kelch-like protein 41                                         | KLHL41   |
| Q9NTI7    | PAK4-inhibitor INKA2                                         | INKA2    |
| A6NCF5    | Kelch-like protein 33                                         | KLHL33   |
| Q9Y2M5    | Kelch-like protein 20                                         | KLHL20   |
| Q219L4    | Inhibitory synaptic factor 1                                  | INSYN1   |
| Q8NAN3    | Kelch-like protein 36                                         | KLHL36   |
| Q9PK6     | Kelch-like protein 42                                         | KLHL42   |
| Q9UX4     | Potassium voltage-gated channel subfamily G member 1         | KCNG1    |
| Q8TAE7    | Potassium voltage-gated channel subfamily G member 3         | KCNG3    |
| Q9519B    | Kelch-like protein 2                                          | KLHL2    |
| Q9C0H6    | Kelch-like protein 4                                          | KLHL4    |
| Q3KPE6    | Innate immunity activator protein                            | INAVA    |
| Q9BW62    | Katanin p60 ATPase-containing subunit A-like 1                | KATNAL1  |
| Q96RR4    | Calcium/calmodulin-dependent protein kinase kinase 2          | CAMKK2   |
| Q99685    | Monoglyceride lipase                                         | MGLL     |
| A6NNL0    | NUT family member 28                                          | NUTM28   |
| Q8NH37    | Olfactory receptor 4C3                                        | OR4C3    |
| Q7KTS5    | Proton channel OTOP3                                         | OTOP3    |
| Q95371    | Olfactory receptor 2C1                                       | OR2C1    |
| Q07869    | Peroxisome proliferator-activated receptor alpha              | PPARA    |
| P98160    | Basement membrane-specific heparan sulfate proteoglycan core protein | HSPG2 |
| Q8WY54    | Protein phosphatase 1E                                        | PPM1E    |
| Q6S8I7    | POTE ankyrin domain family member A                           | POTEA    |
| P19174    | 1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase gamma-1 | PLCG1 |
| Q9UNA4    | DNA polymerase iota                                          | POLI     |
| Q89UA1    | Pre-mRNA-processing factor 39                                 | PRPF39   |
| Q5VWM5    | PRAME family member 9/15                                      | PRAMEF9; |
| P48634 | Protein PRR2CA | PRRC2A |
| P08575 | Receptor-type tyrosine-protein phosphatase C | PTPRC |
| Q8NF0P0 | Peroxisomal testis-specific protein 1 | PXT1 |
| O14949 | Cytochrome b-c1 complex subunit 8 | UQCRQ |
| O43374 | Ras GTPase-activating protein 4 | RASA4 |
| Q9BYZ8 | Regenerating islet-derived protein 4 | REG4 |
| Q725J4 | Retinoic acid-induced protein 1 | RAI1 |
| P48382 | DNA-binding protein RFX5 | RFX5 |
| P63173 | 60S ribosomal protein L38 | RPL38 |
| Q969X0 | RILP-like protein 2 | RILPL2 |
| P09001 | 39S ribosomal protein L3, mitochondrial | MRPL3 |
| Q9BYD2 | 39S ribosomal protein L9, mitochondrial | MRPL9 |
| Q8NF83 | 39S ribosomal protein L43, mitochondrial | MRPL43 |
| Q8WVZ7 | E3 ubiquitin-protein ligase | RNF133 |
| P05387 | 60S acidic ribosomal protein P2 | RPLP2 |
| P51991 | Heterogeneous nuclear ribonucleoprotein A3 | HNRNPA3 |
| Q9BZX4 | Ropporin-1B | ROPN1B |
| P34096 | Ribonuclease 4 | RNASE4 |
| gene  | number | molecule    | center_x | center_y | center_z | size_x | size_y | size_z |
|-------|--------|-------------|----------|----------|----------|--------|--------|--------|
| AKT1  | A1     | kaempferol  | -26.573  | 2.825    | 16.243   | 67.55  | 67.55  | 67.55  |
| AKT1  | HQ17   | quercetin   | -26.573  | 2.825    | 16.243   | 65.45  | 65.45  | 65.45  |
| ICAM1 | A1     | kaempferol  | -5.202   | -12.754  | 36.188   | 112.35 | 112.35 | 112.35 |
| ICAM1 | HQ17   | quercetin   | -5.202   | -12.754  | 36.188   | 126    | 126    | 126    |
| JUN   | A1     | kaempferol  | -16.523  | 23.084   | 26.257   | 84.35  | 84.35  | 84.35  |
| JUN   | HQ11   | formononetin| -16.523  | 23.084   | 26.257   | 75.95  | 75.95  | 75.95  |
| JUN   | HQ17   | quercetin   | -16.523  | 23.084   | 26.257   | 78.75  | 78.75  | 78.75  |
| PPARG | A1     | kaempferol  | 46.402   | 9.632    | 18.521   | 61.25  | 61.25  | 61.25  |
| PPARG | HQ11   | formononetin| 46.402   | 9.632    | 18.521   | 64.75  | 64.75  | 64.75  |
| PPARG | HQ17   | quercetin   | 46.402   | 9.632    | 18.521   | 71.05  | 71.05  | 71.05  |
| PPARG | RS10   | Frutinone A | 46.402   | 9.632    | 18.521   | 66.15  | 66.15  | 66.15  |
| PTGS2 | A1     | kaempferol  | 35.631   | 25.018   | 217.817  | 126    | 126    | 126    |
| PTGS2 | HQ11   | formononetin| 35.631   | 25.018   | 217.817  | 99.75  | 99.75  | 99.75  |
| PTGS2 | HQ17   | quercetin   | 35.631   | 25.018   | 217.817  | 126    | 126    | 126    |
| PTGS2 | RS10   | Frutinone A ginsenoside rh2 | 35.631 | 25.018 | 217.817 | 126 | 126 | 126 |
| PPTGS2| RS11   | ginsenoside rh2 | 35.631 | 25.018 | 217.817 | 126 | 126 | 126 |
| TNF   | A1     | kaempferol  | 45.304   | 52.906   | 13.785   | 59.85  | 59.85  | 59.85  |
| TNF   | HQ17   | quercetin   | 45.304   | 52.906   | 13.785   | 75.25  | 75.25  | 75.25  |
| TNF   | RS11   | ginsenoside rh2 | 45.304 | 52.906 | 13.785 | 68.95 | 68.95 | 68.95 |