| Gene Symbol | Description                  | Category      | GeneCards Link                                                                 | relevance score | GeneCards Link |
|-------------|------------------------------|---------------|---------------------------------------------------------------------------------|-----------------|----------------|
| FBN1        | Fibrillin 1                  | Protein Coding| https://www.genecards.org/cgi-bin/carddisp.pl?gene=FBN1                          |                 |                |
| MYH11       | Myosin Heavy Chain 11       | Protein Coding| https://www.genecards.org/cgi-bin/carddisp.pl?gene=MYH11                         |                 |                |
| TGFB2       | Transforming Growth Factor Beta Receptor 2 | Protein Coding | https://www.genecards.org/cgi-bin/carddisp.pl?gene=TGFB2                         |                 |                |
| COL3A1      | Collagen Type III Alpha 1 Chain | Protein Coding | https://www.genecards.org/cgi-bin/carddisp.pl?gene=COL3A1                       |                 |                |
| TGFB1       | Transforming Growth Factor Beta Receptor 1 | Protein Coding | https://www.genecards.org/cgi-bin/carddisp.pl?gene=TGFB1                         |                 |                |
| SMAD3       | SMAD Family Member 3         | Protein Coding| https://www.genecards.org/cgi-bin/carddisp.pl?gene=SMAD3                         |                 |                |
| ACTA2       | Actin Alpha 2, Smooth Muscle  | Protein Coding| https://www.genecards.org/cgi-bin/carddisp.pl?gene=ACTA2                         |                 |                |
| NDE1        | NudE Neurodevelopment Protein 1 | Protein Coding | https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDE1                         |                 |                |
| EN1         | Elastin                     | Protein Coding| https://www.genecards.org/cgi-bin/carddisp.pl?gene=EN1                           |                 |                |
| LYSO        | Lysyl Oxidase                | Protein Coding| https://www.genecards.org/cgi-bin/carddisp.pl?gene=LYSO                          |                 |                |
| PRKG1       | Protein Kinase CGMP-Dependent 1 | Protein Coding | https://www.genecards.org/cgi-bin/carddisp.pl?gene=PRKG1                        |                 |                |
| TGFB2       | Transforming Growth Factor Beta 2 | Protein Coding | https://www.genecards.org/cgi-bin/carddisp.pl?gene=TGFB2                        |                 |                |
| SLC2A10      | Solute Carrier Family 2 Member 10 | Protein Coding | https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC2A10                      |                 |                |
| NOTCH1      | Notch Receptor              | Protein Coding| https://www.genecards.org/cgi-bin/carddisp.pl?gene=NOTCH1                        |                 |                |
| TGFB3       | Transforming Growth Factor Beta 3 | Protein Coding | https://www.genecards.org/cgi-bin/carddisp.pl?gene=TGFB3                        |                 |                |
| SMAD4       | SMAD Family Member 4         | Protein Coding| https://www.genecards.org/cgi-bin/carddisp.pl?gene=SMAD4                         |                 |                |
| MFAP5       | Microfibril Associated Protein 5 | Protein Coding | https://www.genecards.org/cgi-bin/carddisp.pl?gene=MFAP5                        |                 |                |
| BGN         | Biglycan                   | Protein Coding| https://www.genecards.org/cgi-bin/carddisp.pl?gene=BGN                          |                 |                |
| FOXJ3       | Forkhead Box J3            | Protein Coding| https://www.genecards.org/cgi-bin/carddisp.pl?gene=FOXJ3                        |                 |                |
| MAT2A       | Methionine Adenosyltransferase 2A | Protein Coding | https://www.genecards.org/cgi-bin/carddisp.pl?gene=MAT2A                       |                 |                |
| SRBP1       | Serum Response Factor Binding Protein 1 | Protein Coding | https://www.genecards.org/cgi-bin/carddisp.pl?gene=SRBP1                       |                 |                |
| SMAD6       | SMAD Family Member 6        | Protein Coding| https://www.genecards.org/cgi-bin/carddisp.pl?gene=SMAD6                        |                 |                |
| GATA5       | GATA Binding Protein 5       | Protein Coding| https://www.genecards.org/cgi-bin/carddisp.pl?gene=GATA5                        |                 |                |
| MMP9        | Matrix Metallopeptidase 9    | Protein Coding| https://www.genecards.org/cgi-bin/carddisp.pl?gene=MMP9                         |                 |                |
| MFAP2-5      | MW2 Homobox 5              | Protein Coding| https://www.genecards.org/cgi-bin/carddisp.pl?gene=MFAP2-5                      |                 |                |
| EFEMP2       | EOF Containing Fibrilin Extracellular Matrix Protein 2 | Protein Coding | https://www.genecards.org/cgi-bin/carddisp.pl?gene=EFEMP2                      |                 |                |
| MMP2        | Matrix Metallopeptidase 2    | Protein Coding| https://www.genecards.org/cgi-bin/carddisp.pl?gene=MMP2                        |                 |                |
| IL6         | Interleukin 6               | Protein Coding| https://www.genecards.org/cgi-bin/carddisp.pl?gene=IL6                          |                 |                |
| ROBO4       | Roundabout Guidance Receptor 4 | Protein Coding | https://www.genecards.org/cgi-bin/carddisp.pl?gene=ROBO4                       |                 |                |
| FLOD1       | Ficolin-Lysine-2-Urocanilate 5-Dioxygenase 1 | Protein Coding | https://www.genecards.org/cgi-bin/carddisp.pl?gene=FLOD1                     |                 |                |
| FBN2        | Fibrillin 2                  | Protein Coding| https://www.genecards.org/cgi-bin/carddisp.pl?gene=FBN2                         |                 |                |
| FBLN5       | Fibrillin 5                  | Protein Coding| https://www.genecards.org/cgi-bin/carddisp.pl?gene=FBLN5                       |                 |                |
| FHLN4       | Fibrillin A                  | Protein Coding| https://www.genecards.org/cgi-bin/carddisp.pl?gene=FHLN4                        |                 |                |
| TBX5        | T-Box Transcription Factor 5 | Protein Coding| https://www.genecards.org/cgi-bin/carddisp.pl?gene=TBX5                         |                 |                |
| ACE         | Angiotensin I Converting Enzyme | Protein Coding | https://www.genecards.org/cgi-bin/carddisp.pl?gene=ACE                         |                 |                |
| COLLA1      | Collagen Type I Alpha 1 Chain | Protein Coding| https://www.genecards.org/cgi-bin/carddisp.pl?gene=COLLA1                      |                 |                |
| PKD1        | Polycystin 1, Transient Receptor Potential Channel Interacting | Protein Coding | https://www.genecards.org/cgi-bin/carddisp.pl?gene=PKD1                      |                 |                |
| COL5A1      | Collagen Type V Alpha 1 Chain | Protein Coding| https://www.genecards.org/cgi-bin/carddisp.pl?gene=COL5A1                      |                 |                |
| COL4A1      | Collagen Type IV Alpha 1 Chain | Protein Coding| https://www.genecards.org/cgi-bin/carddisp.pl?gene=COL4A1                      |                 |                |
| NOS3        | Nitric Oxide Synthase 3     | Protein Coding| https://www.genecards.org/cgi-bin/carddisp.pl?gene=NOS3                         |                 |                |
| TNF         | Tumor Necrosis Factor        | Protein Coding| https://www.genecards.org/cgi-bin/carddisp.pl?gene=TNF                         |                 |                |
| ALB         | Albumin                     | Protein Coding| https://www.genecards.org/cgi-bin/carddisp.pl?gene=ALB                         |                 |                |
| COL5A2      | Collagen Type V Alpha 2 Chain | Protein Coding | https://www.genecards.org/cgi-bin/carddisp.pl?gene=COL5A2                     |                 |                |
| DSP         | Desmoplakin                  | Protein Coding| https://www.genecards.org/cgi-bin/carddisp.pl?gene=DSP                         |                 |                |
| IL10        | Interleukin 10               | Protein Coding| https://www.genecards.org/cgi-bin/carddisp.pl?gene=IL10                        |                 |                |
| SKI         | SKI Proto-Oncogene           | Protein Coding| https://www.genecards.org/cgi-bin/carddisp.pl?gene=SKI                         |                 |                |
| ENG         | Endoglin                    | Protein Coding| https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENG                         |                 |                |
| NF1         | Neurtrophrin 1              | Protein Coding| https://www.genecards.org/cgi-bin/carddisp.pl?gene=NF1                          |                 |                |
| MMP3        | Matrix Metallopeptidase 3    | Protein Coding| https://www.genecards.org/cgi-bin/carddisp.pl?gene=MMP3                        |                 |                |
| TIMP1       | TIMP Metallopeptidase Inhibitor 1 | Protein Coding | https://www.genecards.org/cgi-bin/carddisp.pl?gene=TIMP1                     |                 |                |
| Gene Symbol | Gene Name | Protein Coding |
|-------------|-----------|----------------|
| PI3K       | Phosphatidylinositol 3-Kinase | Protein Coding |
| B-Raf      | Araf Proto-Onco-Kinase | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| LIMK1      | LIM Domain Kinase 1 | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| B-Raf      | Araf Proto-Onco-Kinase | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| LIMK1      | LIM Domain Kinase 1 | Protein Coding |
| LIMK1      | LIM Domain Kinase 1 | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| B-Raf      | Araf Proto-Onco-Kinase | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| LIMK1      | LIM Domain Kinase 1 | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| B-Raf      | Araf Proto-Onco-Kinase | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| LIMK1      | LIM Domain Kinase 1 | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| B-Raf      | Araf Proto-Onco-Kinase | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| LIMK1      | LIM Domain Kinase 1 | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| B-Raf      | Araf Proto-Onco-Kinase | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| LIMK1      | LIM Domain Kinase 1 | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| B-Raf      | Araf Proto-Onco-Kinase | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| LIMK1      | LIM Domain Kinase 1 | Protein Coding |
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| B-Raf      | Araf Proto-Onco-Kinase | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| LIMK1      | LIM Domain Kinase 1 | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| B-Raf      | Araf Proto-Onco-Kinase | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| LIMK1      | LIM Domain Kinase 1 | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| B-Raf      | Araf Proto-Onco-Kinase | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| LIMK1      | LIM Domain Kinase 1 | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| B-Raf      | Araf Proto-Onco-Kinase | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| LIMK1      | LIM Domain Kinase 1 | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| B-Raf      | Araf Proto-Onco-Kinase | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| LIMK1      | LIM Domain Kinase 1 | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| B-Raf      | Araf Proto-Onco-Kinase | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| LIMK1      | LIM Domain Kinase 1 | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| B-Raf      | Araf Proto-Onco-Kinase | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| LIMK1      | LIM Domain Kinase 1 | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| B-Raf      | Araf Proto-Onco-Kinase | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| LIMK1      | LIM Domain Kinase 1 | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| B-Raf      | Araf Proto-Onco-Kinase | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| LIMK1      | LIM Domain Kinase 1 | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| B-Raf      | Araf Proto-Onco-Kinase | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| LIMK1      | LIM Domain Kinase 1 | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| B-Raf      | Araf Proto-Onco-Kinase | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| LIMK1      | LIM Domain Kinase 1 | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| B-Raf      | Araf Proto-Onco-Kinase | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| LIMK1      | LIM Domain Kinase 1 | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| B-Raf      | Araf Proto-Onco-Kinase | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| LIMK1      | LIM Domain Kinase 1 | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| B-Raf      | Araf Proto-Onco-Kinase | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| LIMK1      | LIM Domain Kinase 1 | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| B-Raf      | Araf Proto-Onco-Kinase | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| LIMK1      | LIM Domain Kinase 1 | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| B-Raf      | Araf Proto-Onco-Kinase | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| LIMK1      | LIM Domain Kinase 1 | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| B-Raf      | Araf Proto-Onco-Kinase | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| LIMK1      | LIM Domain Kinase 1 | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| B-Raf      | Araf Proto-Onco-Kinase | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| LIMK1      | LIM Domain Kinase 1 | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| B-Raf      | Araf Proto-Onco-Kinase | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| LIMK1      | LIM Domain Kinase 1 | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| B-Raf      | Araf Proto-Onco-Kinase | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| LIMK1      | LIM Domain Kinase 1 | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| B-Raf      | Araf Proto-Onco-Kinase | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| LIMK1      | LIM Domain Kinase 1 | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| B-Raf      | Araf Proto-Onco-Kinase | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| LIMK1      | LIM Domain Kinase 1 | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| B-Raf      | Araf Proto-Onco-Kinase | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| LIMK1      | LIM Domain Kinase 1 | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| B-Raf      | Araf Proto-Onco-Kinase | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| LIMK1      | LIM Domain Kinase 1 | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| B-Raf      | Araf Proto-Onco-Kinase | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| LIMK1      | LIM Domain Kinase 1 | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| B-Raf      | Araf Proto-Onco-Kinase | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| LIMK1      | LIM Domain Kinase 1 | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| B-Raf      | Araf Proto-Onco-Kinase | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| LIMK1      | LIM Domain Kinase 1 | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| B-Raf      | Araf Proto-Onco-Kinase | Protein Coding |
| SOS1       | Son of Sevenless | Protein Coding |
| LIMK1      | LIM Domain Kinase 1 | Protein Coding |
| Protein Name | Protein Description | Protein Coding | Gene Name(s) | Gene Description |
|--------------|---------------------|----------------|-------------|-----------------|
| GATA6        | GATA Binding Protein 6 | 48 GC18P02169 | gne=GATA6 | gne=GATA6 |
| NOTCH3       | Notch Receptor 3     | 50 GC14M051519 | gne=NOTCH3 | gne=NOTCH3 |
| SERPINA3     | Serpin Family A Member 3 | 44 GC14P094612 | gne=SERPINA3 | gne=SERPINA3 |
| APC          | APC Regulator Of Wnt Signaling Pathway | 49 GO5PF121707 | gne=APC | gne=APC |
| CDKN1C       | Cyclin Dependent Kinase Inhibitor 1C | 47 GC11M020854 | gne=CDKN1C | gne=CDKN1C |
| TIMP3        | TIMP Metallopeptidase Inhibitor 3 | 46 GC2ZP032800 | gne=TIMP3 | gne=TIMP3 |
| LCN2         | Upocalan 2           | 44 GO5PF121819 | gne=LCN2 | gne=LCN2 |
| PKD2         | Polyicosin 2, Transient Receptor Potential Cation Channel | 47 GO4PF080007 | gne=PKD2 | gne=PKD2 |
| DCN          | Decorin              | 47 GC12M091140 | gne=DCN | gne=DCN |
| SMAD2        | SMAD Family Member 2 | 48 GC14M047809 | gne=SMAD2 | gne=SMAD2 |
| MPPK1        | Mitogen-Activated Protein Kinase 1 | 59 GC14M081754 | gne=MPPK1 | gne=MPPK1 |
| SERPINC1     | Serpin Family C Member 1 | 49 GO1M174251 | gne=SERPINC1 | gne=SERPINC1 |
| PLAU         | Plasminogen Activator, Urokinase | 52 GO1P073909 | gne=PLAU | gne=PLAU |
| TXB1         | T-Box Transcription Factor 1 | 44 GC2ZP000208 | gne=TXB1 | gne=TXB1 |
| COL1A1       | Collagen Type I Alpha 1 Chain | 43 GO1M102876 | gne=COL1A1 | gne=COL1A1 |
| PPARG        | Peroxisome Proliferator Activated Receptor Gamma | 53 GO3P12287 | gne=PPARG | gne=PPARG |
| INS          | Insulin              | 48 GC11M002159 | gne=INS | gne=INS |
| PKSCA        | Phosphatidylinositol-4,5-Bisphosphate 3-Kinase Catalytic Subunit Alpha | 53 GO3P179148 | gne=PKSCA | gne=PKSCA |
| PLG          | Plasminogen          | 49 GO6P160702 | gne=PLG | gne=PLG |
| KRAS         | KRAS Proto-Oncogene, GTPase | 52 GO1M205204 | gne=KRAS | gne=KRAS |
| DAB2IP       | DAB2 Interacting Protein | 40 GO5PF121566 | gne=DAB2IP | gne=DAB2IP |
| VEGFA        | Vascular Endothelial Growth Factor A | 49 GO6P043770 | gne=VEGFA | gne=VEGFA |
| CTSL         | Cathepsin L          | 46 GO5PF081725 | gne=CTSL | gne=CTSL |
| MLXPL        | MLX Interacting Protein Like | 43 GO7M037593 | gne=MLXPL | gne=MLXPL |
| LEP          | Leptin               | 48 GC1P122841 | gne=LEP | gne=LEP |
| ADIPQ        | Adiponectin C1Q And Collagen Domain Containing | 45 GC2ZP010909 | gne=ADIPQ | gne=ADIPQ |
| LMNA         | Lamin A/C            | 48 GO1P156082 | gne=LMNA | gne=LMNA |
| NAGLU        | NAGLU                 | 51 GO2P058839 | gne=NAGLU | gne=NAGLU |
| NPPA         | Natriuretic Peptide A | 47 GO1M111846 | gne=NPPA | gne=NPPA |
| NPTN         | Phosphatase And Tensin Homolog | 50 GO1P081767 | gne=NPTN | gne=NPTN |
| NPPB         | Natriuretic Peptide B | 44 GO1M111858 | gne=NPPB | gne=NPPB |
| PTPN22       | Protein Tyrosine Phosphatase Non-Receptor Type 22 | 48 GO1M113818 | gne=PTPN22 | gne=PTPN22 |
| F3           | Coagulation Factor III, Tissue Factor | 45 GO1M094530 | gne=F3 | gne=F3 |
| MLX          | MAX Dimersation Protein MLX | 41 GC1P042567 | gne=MLX | gne=MLX |
| TSC1         | TSC Complex Subunit 1 | 48 GO9M12889 | gne=TSC1 | gne=TSC1 |
| LRP5         | LDL Receptor Protein 5 | 45 GC11P05299 | gne=LRP5 | gne=LRP5 |
| FS           | Coagulation Factor V | 45 GO1M169511 | gne=FS | gne=FS |
| NAGLU        | N-Acetyl-Alpha-Glucosaminidase | 43 GC1P042537 | gne=NAGLU | gne=NAGLU |
| CDKNA2A      | Cyclin Dependent Kinase Inhibitor 2A | 52 GO9M12196 | gne=CDKNA2A | gne=CDKNA2A |
| IL1B         | Interleukin 1B       | 49 GO5M158314 | gne=IL1B | gne=IL1B |
| LPL          | Lipoprotein Lipase   | 50 GO8P019901 | gne=LPL | gne=LPL |
| DDX58        | DDX58 /-Box Helicase 58 | 47 GO9M032455 | gne-DDX58 | gne-DDX58 |
| GANAB        | Glucosidase II Alpha Subunit | 45 GC11M069251 | gne=GANAB | gne=GANAB |
| MXD5         | Box Transcription Factor 20 | 46 GO7M052847 | gne=MXD5 | gne=MXD5 |
| MPO          | Myeloperoxidase      | 51 GC1M052869 | gne=MPO | gne=MPO |
| BMP2         | Bone Morphogenic Protein 2 | 47 GO2P006698 | gne=BMP2 | gne=BMP2 |
| VCAN         | Versican             | 47 GO5P083471 | gne=VCAN | gne=VCAN |
| LTBP4        | Latent Transforming Growth Factor Beta Binding Protein 4 | 40 GC1P040552 | gne=LTBP4 | gne=LTBP4 |
| LGD9         | Lgd9                  | 41 GC1M052579 | gne=LGD9 | gne=LGD9 |
| IG1F         | Insulin Like Growth Factor 1 | 50 GC1M102395 | gne=IG1F | gne=IG1F |
| CMA1         | Chymase 1            | 44 GC1M024506 | gne=CMA1 | gne=CMA1 |
| Gene       | Description                                                                 | Protein Coding | Gene Ontology URI                                                                 |
|------------|------------------------------------------------------------------------------|----------------|----------------------------------------------------------------------------------|
| NOD2       | Nucleotide Binding Oligomerization Domain Containing 2                       | 46 GC16P0505693 | https://www.genecards.org/cgi-bin/carddisp.pl?gene=NOD2                           |
| NSD1       | Nuclear Receptor Binding SET Domain Protein 1                               | 44 GC05P171134  | https://www.genecards.org/cgi-bin/carddisp.pl?gene=NSD1                            |
| B3GA13     | beta-1,3-Glucuronitransferase 3                                            | 45 GC11M069250  | https://www.genecards.org/cgi-bin/carddisp.pl?gene=B3GA13                          |
| PLCB9      | Proprotein Convertase Subtilisin/Kexin Type 9                               | 51 GC01P055039  | https://www.genecards.org/cgi-bin/carddisp.pl?gene=PLCB9                            |
| SELE       | Selectin E                                                                   | 44 GC01M169722  | https://www.genecards.org/cgi-bin/carddisp.pl?gene=SELE                             |
| CHD7       | Chromodomain Helicase DNA Binding Protein 7                                 | 46 GC08P066768  | https://www.genecards.org/cgi-bin/carddisp.pl?gene=CHD7                            |
| APOA1      | Apolipoprotein A1                                                            | 49 GC11M138355  | https://www.genecards.org/cgi-bin/carddisp.pl?gene=APOA1                           |
| AGT         | Angiotensinogen                                                              | 50 GC01M230702  | https://www.genecards.org/cgi-bin/carddisp.pl?gene=AGT                             |
| SDHB       | Succinate Dehydrogenase Complex Iron Sulfur Subunit B                       | 48 GC11M017238  | https://www.genecards.org/cgi-bin/carddisp.pl?gene=SDHB                            |
| PTPN11     | Protein Tyrosine Phosphatase Non-Receptor Type 11                           | 54 GC12P114218  | https://www.genecards.org/cgi-bin/carddisp.pl?gene=PTPN11                          |
| NLRP3      | NLR Family Pyrin Domain Containing 3                                         | 46 GC07P147415  | https://www.genecards.org/cgi-bin/carddisp.pl?gene=NLRP3                           |
| MUS81      | MUS81 Structure-Specific Endonuclease Subunit                              | 44 GC11P068589  | https://www.genecards.org/cgi-bin/carddisp.pl?gene=MUS81                           |
| IFNG       | Interferon Gamma                                                              | 48 GC12M068154  | https://www.genecards.org/cgi-bin/carddisp.pl?gene=IFNG                            |
| CETP       | Cholesteryl Ester Transfer Protein                                          | 47 GC16P056961  | https://www.genecards.org/cgi-bin/carddisp.pl?gene=CETP                            |
| HGD        | Homogentisate 1,2-Dioxygenase                                                 | 45 GC03M126628  | https://www.genecards.org/cgi-bin/carddisp.pl?gene=HGD                            |
| CPA        | Lipoprotein(A)                                                               | 42 GC06M150551  | https://www.genecards.org/cgi-bin/carddisp.pl?gene=CPA                             |
| CDN1       | Calponin 1                                                                   | 42 GC13P017539  | https://www.genecards.org/cgi-bin/carddisp.pl?gene=CDN1                            |
| CDKN2B     | Cyclin Dependent Kinase Inhibitor 2B                                        | 48 GC09M022002  | https://www.genecards.org/cgi-bin/carddisp.pl?gene=CDKN2B                          |
| GPT        | Glutamic--Pyruvic Transaminase                                               | 43 GC10P144502  | https://www.genecards.org/cgi-bin/carddisp.pl?gene=GPT                            |
| BRC2       | BRCA2 DNA Repair Associated                                                   | 50 GC13P032315  | https://www.genecards.org/cgi-bin/carddisp.pl?gene=BRC2                            |
| EDTA       | Endothelin Receptor Type A                                                   | 50 GC04P147480  | https://www.genecards.org/cgi-bin/carddisp.pl?gene=EDTA                           |
| SDHA       | Succinate Dehydrogenase Complex Subunit D                                   | 45 GC11P112087  | https://www.genecards.org/cgi-bin/carddisp.pl?gene=SDHA                           |
| HP         | Haptoglobin                                                                  | 45 GC16P072089  | https://www.genecards.org/cgi-bin/carddisp.pl?gene=HP                              |
| TNN3       | Troponin I3, Cardiac Type                                                    | 50 GC19M055151  | https://www.genecards.org/cgi-bin/carddisp.pl?gene=TNN3                           |
| HRAS       | HRas Proto-Oncopgene, GTPase                                                  | 52 GC11M001078  | https://www.genecards.org/cgi-bin/carddisp.pl?gene=HRAS                     |
| RUN2       | RUNA Family Transcription Factor 2                                           | 48 GC06P055427  | https://www.genecards.org/cgi-bin/carddisp.pl?gene=RUN2                         |
| VAG1       | Vag1, Gastric Intrinsic Hormone Like 1                                       | 47 GC13M076557  | https://www.genecards.org/cgi-bin/carddisp.pl?gene=VAG1                          |
| SPARC      | Secreted Protein Acidic And Cysteine Rich                                    | 51 GC05M151661  | https://www.genecards.org/cgi-bin/carddisp.pl?gene=SPARC                           |
| PON1       | Paraoxonase 1                                                                | 46 GC07M095297  | https://www.genecards.org/cgi-bin/carddisp.pl?gene=PON1                           |
| PLAT       | Plasminogen Activator, Tissue Type                                           | 50 GC08M042174  | https://www.genecards.org/cgi-bin/carddisp.pl?gene=PLAT                           |
| DNP9B      | Endothelin Receptor Type B                                                   | 50 GC13M077695  | https://www.genecards.org/cgi-bin/carddisp.pl?gene=DNP9B                          |
| MMP7       | Matrix Metalloproteinase 7                                                   | 49 GC11M012425  | https://www.genecards.org/cgi-bin/carddisp.pl?gene=MMP7                         |
| PECAM1     | Platelet And Endothelial Cell Adhesion Molecule 1                           | 41 GC17M064319  | https://www.genecards.org/cgi-bin/carddisp.pl?gene=PECAM1                       |
| STAT1      | Signal Transducer And Activator Of Transcription 1                          | 54 GC02M090908  | https://www.genecards.org/cgi-bin/carddisp.pl?gene=STAT1                         |
| LTBP1      | Latent Transforming Growth Factor Beta Binding Protein 1                    | 43 GC02P037499  | https://www.genecards.org/cgi-bin/carddisp.pl?gene=LTBP1                         |
| CASP3      | Caspase 3                                                                    | 51 GC04M041657  | https://www.genecards.org/cgi-bin/carddisp.pl?gene=CASP3                         |
| SWI/SNF Related, Matrix Associated, Actin Dependent Regulator Of Histone, Subfamily A, Member 4 | Protein Coding | 50 GC19P010932  | https://www.genecards.org/cgi-bin/carddisp.pl?gene=SWI/SNF Related, Matrix Associated, Actin Dependent Regulator Of Histone, Subfamily A, Member 4 |