| names   | class  | TF   |
|---------|--------|------|
| Hmga2   | common | TRUE |
| Igf2bp1 | common | FALSE |
| Pabpc1  | common | FALSE |
| Hn1l    | common | FALSE |
| Grb10   | common | FALSE |
| Crabp2  | common | FALSE |
| Mybbp1a | common | FALSE |
| Kpn1    | common | FALSE |
| Cdca7   | common | FALSE |
| Cbx5    | common | FALSE |
| Cad     | common | FALSE |
| Gas1    | common | FALSE |
| Cse1l   | common | FALSE |
| Sox9    | common | TRUE |
| Set     | common | FALSE |
| Nrip1   | common | FALSE |
| Supt16  | common | FALSE |
| Dkc1    | common | FALSE |
| Pfas    | common | FALSE |
| Trim28  | common | TRUE |
| Ncl     | common | FALSE |
| Arhgef26| common | FALSE |
| Mtap    | common | FALSE |
| Ptbp1   | common | FALSE |
| Arhgap28| common | FALSE |
| PIs3    | common | FALSE |
| Rcc1    | common | FALSE |
| Caprin1 | common | FALSE |
| Peg12   | common | FALSE |
| Co12a1  | common | FALSE |
| Eif4g2  | common | FALSE |
| Nap1l1  | common | TRUE |
| Ets1    | common | TRUE |
| Bub1b   | common | FALSE |
| Ssrp1   | common | TRUE |
| Tcof1   | common | FALSE |
| Hspa4   | common | FALSE |
| G3bp1   | common | FALSE |
| Dtx4    | common | FALSE |
| Uhrlf1  | common | FALSE |
| Gsta4   | common | FALSE |
| Gli3    | common | TRUE |
| Mcm6    | common | FALSE |
| Nedd9   | common | FALSE |
| Hspd1   | common | FALSE |
| Yap1    | common | FALSE |
| Pa2g4   | common | FALSE |
| Ipo11   | common | FALSE |
| Parp1   | common | TRUE |
| Gene   | Common | Value   |
|--------|--------|---------|
| Mcm5   | common | FALSE   |
| Lef1   | common | TRUE    |
| Npm1   | common | FALSE   |
| Dna2   | common | FALSE   |
| Ppp2r1b| common | FALSE   |
| Hnnpu  | common | FALSE   |
| Ppat   | common | FALSE   |
| Skp2   | common | FALSE   |
| Txnd1  | common | FALSE   |
| Wdr77  | common | FALSE   |
| Eftud2 | common | FALSE   |
| Mcm4   | common | FALSE   |
| Cttnb1 | common | TRUE    |
| Cct8   | common | FALSE   |
| Abce1  | common | FALSE   |
| Sf3b3  | common | FALSE   |
| Atad2  | common | FALSE   |
| Msh6   | common | FALSE   |
| Chaf1a | common | FALSE   |
| Kif21b | common | FALSE   |
| Fbn2   | common | FALSE   |
| Eif5a  | common | FALSE   |
| Sep-09 | common | FALSE   |
| Greb1  | common | FALSE   |
| Mcm3   | common | FALSE   |
| Cdk18  | common | FALSE   |
| Rbbp7  | common | FALSE   |
| Mapk1ip1l | common | FALSE |
| Pgk1   | common | FALSE   |
| Nudt4  | common | FALSE   |
| Cdh6   | common | FALSE   |
| Mcm7   | common | FALSE   |
| Ajuba  | common | FALSE   |
| Lrig3  | common | FALSE   |
| Mcm2   | common | FALSE   |
| Ccnd2  | common | FALSE   |
| Hsp90ab1| common | FALSE |
| Ahcy   | common | FALSE   |
| Ppa1   | common | FALSE   |
| Igf2bp2| common | FALSE   |
| Polr2m | common | FALSE   |
| Naa15  | common | FALSE   |
| Snx5   | common | FALSE   |
| Eif3b  | common | FALSE   |
| Npr3   | common | FALSE   |
| Eif3a  | common | FALSE   |
| Pfkl   | common | FALSE   |
| Erbb2  | common | FALSE   |
| Kif20a | common | FALSE   |
| Odc1   | common | TRUE    |
| Gene   | Common | Status  |
|--------|--------|---------|
| Nes    | common | FALSE   |
| Cct3   | common | FALSE   |
| Kif15  | common | FALSE   |
| Mest   | common | FALSE   |
| Notch3 | common | FALSE   |
| Serpinf1 | common | FALSE |
| Umps   | common | FALSE   |
| Heatr3 | common | FALSE   |
| Gja1   | common | FALSE   |
| Fignl1 | common | FALSE   |
| Bzw1   | common | FALSE   |
| Ran    | common | TRUE    |
| Nasp   | common | FALSE   |
| Wdr43  | common | FALSE   |
| Phf6   | common | FALSE   |
| Usp10  | common | FALSE   |
| Hells  | common | FALSE   |
| Slc25a13 | common | FALSE |
| Gmps   | common | FALSE   |
| Api5   | common | FALSE   |
| Tmpo   | common | FALSE   |
| Smo    | common | FALSE   |
| Gspt1  | common | FALSE   |
| Nop58  | common | FALSE   |
| Zfp568 | common | TRUE    |
| Serbp1 | common | FALSE   |
| Rrm1   | common | FALSE   |
| Cand1  | common | FALSE   |
| Nol10  | common | FALSE   |
| Ncapg  | common | FALSE   |
| Ddx39  | common | FALSE   |
| Isg20l2 | common | FALSE |
| Ptcd3  | common | FALSE   |
| Notch2 | common | FALSE   |
| Fen1   | common | FALSE   |
| Smad3  | common | TRUE    |
| Smyd5  | common | FALSE   |
| Cirh1a | common | FALSE   |
| Etf1   | common | FALSE   |
| Mdn1   | common | FALSE   |
| Ftsj3  | common | FALSE   |
| Kars   | common | FALSE   |
| Eif4g1 | common | FALSE   |
| Cul4b  | common | FALSE   |
| Pole   | common | FALSE   |
| St5    | common | FALSE   |
| Xpot   | common | FALSE   |
| Mthfd1l| common | FALSE   |
| Cct4   | common | FALSE   |
| Cdca7l | common | FALSE   |
| Gene   | Category | Status |
|--------|----------|--------|
| Nucks1 | common   | FALSE  |
| Cnbp   | common   | FALSE  |
| Srsf6  | common   | FALSE  |
| Bms1   | common   | FALSE  |
| Dnmt1  | common   | TRUE   |
| Clspn  | common   | FALSE  |
| Spata13| common   | FALSE  |
| Hnrnpm | common   | FALSE  |
| Rrm2   | common   | FALSE  |
| Xpo1   | common   | FALSE  |
| Anp32b | common   | FALSE  |
| Eif4b  | common   | FALSE  |
| Nup93  | common   | FALSE  |
| Top2a  | common   | FALSE  |
| Ccne1  | common   | FALSE  |
| Lap3   | common   | FALSE  |
| Phactr1| common   | FALSE  |
| Cdc20  | common   | FALSE  |
| Psme3  | common   | FALSE  |
| Hat1   | common   | FALSE  |
| Nup188 | common   | FALSE  |
| Peg10  | common   | FALSE  |
| Rpa1   | common   | FALSE  |
| Nol9   | common   | FALSE  |
| Paics  | common   | FALSE  |
| Hoxd3  | common   | TRUE   |
| Ndc1   | common   | FALSE  |
| Fam210b| common   | FALSE  |
| Sae1   | common   | FALSE  |
| Tfap2a | common   | TRUE   |
| Ccnb1  | common   | FALSE  |
| Gpc3   | common   | FALSE  |
| Utp20  | common   | FALSE  |
| E2f3   | common   | TRUE   |
| Fn1    | common   | FALSE  |
| Hnrnpf | common   | FALSE  |
| Tuba1b | common   | FALSE  |
| Tcp1   | common   | FALSE  |
| Pus7   | common   | FALSE  |
| Uck2   | common   | FALSE  |
| Chek1  | common   | FALSE  |
| Tex10  | common   | FALSE  |
| Topbp1 | common   | FALSE  |
| Sephs1 | common   | FALSE  |
| Aif1l  | common   | FALSE  |
| Plagl2 | common   | TRUE   |
| Tpx2   | common   | FALSE  |
| Lrig1  | common   | FALSE  |
| Pcdh18 | common   | FALSE  |
| Trim59 | common   | FALSE  |
| Gene   | Condition | Value |
|--------|-----------|-------|
| Rcbtb2 | common    | FALSE |
| Pold1  | common    | FALSE |
| Tcf12  | common    | TRUE  |
| Xpo5   | common    | FALSE |
| Mre11a | common    | FALSE |
| 2610318N0 | common   | FALSE |
| Ddx3x  | common    | FALSE |
| Ptges3 | common    | FALSE |
| Tuba1c | common    | FALSE |
| Kif22  | common    | TRUE  |
| Nup50  | common    | FALSE |
| Nup155 | common    | FALSE |
| Nup205 | common    | FALSE |
| Gnl3   | common    | FALSE |
| Pola1  | common    | FALSE |
| Erbb3  | common    | FALSE |
| Nup153 | common    | FALSE |
| Chd1   | common    | TRUE  |
| Aaas   | common    | FALSE |
| Sufu   | common    | FALSE |
| Rfwd3  | common    | FALSE |
| Bend3  | common    | FALSE |
| Pitrm1 | common    | FALSE |
| Rsl1d1 | common    | FALSE |
| Vcan   | common    | FALSE |
| Nr2f6  | common    | TRUE  |
| Prps2  | common    | FALSE |
| Ifrd2  | common    | FALSE |
| Adsl   | common    | FALSE |
| Naa50  | common    | FALSE |
| Knop1  | common    | FALSE |
| Tacc3  | common    | FALSE |
| Dtl    | common    | TRUE  |
| Eef1d  | common    | TRUE  |
| Mlec   | common    | FALSE |
| Dhfr   | common    | FALSE |
| Ilf3   | common    | FALSE |
| Gcsh   | common    | FALSE |
| Fam181b| common    | FALSE |
| Hnrrpk | common    | FALSE |
| Suclg2 | common    | FALSE |
| Ncbp1  | common    | FALSE |
| Fzd7   | common    | FALSE |
| Smarcc1| common    | TRUE  |
| Zfp106 | common    | FALSE |
| Lig1   | common    | FALSE |
| Gpr125 | common    | FALSE |
| Dbf4   | common    | FALSE |
| Eif2s1 | common    | FALSE |
| Prps1l3| common    | FALSE |
Nup37    common   FALSE
Noc2l    common   TRUE
Galk1    common   FALSE
Uba2     common   FALSE
Ddx11    common   FALSE
Srsf1    common   FALSE
Dnaja2   common   FALSE
Acs14    common   FALSE
Ikbkap   common   FALSE
Bcar3    common   FALSE
Klh21    common   FALSE
Cdt1     common   FALSE
Mki67    common   FALSE
Ddx18    common   FALSE
Nup98    common   FALSE
Mms22l   common   FALSE
Nup85    common   FALSE
Xpo4     common   FALSE
Ppid     common   FALSE
Chtf18   common   FALSE
Spred1   common   FALSE
Phgdh    common   FALSE
1700019DC common FALSE
Tbl3     common   FALSE
Psmd2    common   FALSE
Cdk2     common   FALSE
Bora     common   FALSE
Tk1      common   FALSE
Cluh     common   FALSE
Pno1     common   FALSE
Rif1     common   FALSE
Dek      common   FALSE
Tbc1d1   common   FALSE
Ado      common   FALSE
Atad3a   common   FALSE
Srsf7    common   FALSE
Chtf8    common   FALSE
Cdca8    common   FALSE
Trim27   common   FALSE
Pole2    common   FALSE
Tyms     common   FALSE
Agps     common   FALSE
Exosc2   common   FALSE
Tmc6     common   FALSE
Ddx1     common   FALSE
Dpy19l1  common   FALSE
Eif3l    common   FALSE
Mrps27   common   FALSE
Ttf2     common   FALSE
Shcbp1   common   FALSE
Ncaph  common  FALSE
Ccna2  common  FALSE
Thop1  common  FALSE
Slc39a10  common  FALSE
Rpa2  common  FALSE
Elavl1  common  FALSE
S1pr2  common  FALSE
Sf1  common  TRUE
Hoxb2  common  TRUE
Nup160  common  FALSE
Nudt5  common  FALSE
Nup43  common  FALSE
Brca2  common  FALSE
Hnrnpll  common  TRUE
Pcna  common  FALSE
Gpd2  common  FALSE
Timeless  common  TRUE
E2f4  common  TRUE
Ppif  common  FALSE
Nol11  common  FALSE
Srsf10  common  FALSE
Eif5  common  FALSE
Ints7  common  FALSE
Hus1  common  FALSE
Pds5a  common  TRUE
Rasa3  common  FALSE
Dhx33  common  FALSE
Prmt3  common  FALSE
Ing5  common  FALSE
Sf3a3  common  FALSE
Strap  common  FALSE
Anapc1  common  FALSE
Ssr1  common  FALSE
Rbpms  common  FALSE
Sf3a1  common  FALSE
Pwp1  common  FALSE
Ncapd2  common  FALSE
Rpl7l1  common  FALSE
Sapcd2  common  FALSE
Ipo9  common  FALSE
Fhdc1  common  FALSE
Txdnc5  common  FALSE
Nid2  common  FALSE
Tfdp1  common  TRUE
Zc3havl1  common  FALSE
Sibp  common  FALSE
Paxip1  common  TRUE
Eif4e  common  FALSE
Spg20  common  FALSE
Cdca4  common  FALSE
| Gene   | Category | Metastasis |
|--------|----------|------------|
| Sall2  | common   | TRUE       |
| Luzp1  | common   | TRUE       |
| Polr1a | common   | FALSE      |
| Zadh2  | common   | FALSE      |
| Kcnk5  | common   | FALSE      |
| Ddb1   | common   | FALSE      |
| Ruvbl1 | common   | TRUE       |
| Gemin6 | common   | FALSE      |
| Hdlbp  | common   | FALSE      |
| Megf6  | common   | FALSE      |
| Usp37  | common   | FALSE      |
| Ahctf1 | common   | TRUE       |
| Vrk1   | common   | FALSE      |
| Wdr5   | common   | FALSE      |
| Tmem132e | common | FALSE    |
| Fam60a | common   | FALSE      |
| Fubp1  | common   | TRUE       |
| Snap23 | common   | FALSE      |
| Btaf1  | common   | FALSE      |
| Usp39  | common   | TRUE       |
| Tgif2  | common   | TRUE       |
| Cpsf2  | common   | FALSE      |
| Mdk    | common   | FALSE      |
| Dcp2   | common   | FALSE      |
| Rest   | common   | TRUE       |
| Me2    | common   | FALSE      |
| Nono   | common   | TRUE       |
| Actl6a | common   | FALSE      |
| Eif4ebp1 | common | FALSE     |
| Tbl1x  | common   | FALSE      |
| Nde1   | common   | FALSE      |
| E2f5   | common   | TRUE       |
| Nmd3   | common   | FALSE      |
| Pola2  | common   | FALSE      |
| Wdr18  | common   | FALSE      |
| Carm1  | common   | FALSE      |
| Ranbp1 | common   | FALSE      |
| Dnph1  | common   | FALSE      |
| Nup62  | common   | FALSE      |
| Coa5   | common   | FALSE      |
| Cand2  | common   | FALSE      |
| Nme4   | common   | FALSE      |
| Tra2b  | common   | FALSE      |
| Lmnb1  | common   | FALSE      |
| Cnot1  | common   | FALSE      |
| Pdlim1 | common   | FALSE      |
| Pes1   | common   | FALSE      |
| Igf2bp3| common   | FALSE      |
| Slc19a1| common   | FALSE      |
| Pdk3   | common   | FALSE      |
| Gene     | Gene Symbol | Gene Type | Value |
|----------|-------------|-----------|-------|
| Ubfd1    | common      | FALSE     |
| Tpp2     | common      | FALSE     |
| Rpl3     | common      | FALSE     |
| Clns1a   | common      | FALSE     |
| Exosc6   | common      | FALSE     |
| Ezh2     | common      | TRUE      |
| Smarca5  | common      | TRUE      |
| Eif2s3x  | common      | FALSE     |
| Birc5    | common      | FALSE     |
| Kdelc1   | common      | FALSE     |
| Ubqln4   | common      | FALSE     |
| Scube1   | common      | FALSE     |
| Rbmxl1   | common      | FALSE     |
| 2410016O0| common      | FALSE     |
| Sulf2    | common      | FALSE     |
| Slc25a5  | common      | FALSE     |
| Hmga1    | common      | TRUE      |
| Rqcd1    | common      | FALSE     |
| Haus3    | common      | FALSE     |
| Mns1     | common      | FALSE     |
| Smek1    | common      | FALSE     |
| Rbm38    | common      | FALSE     |
| Smc2     | common      | FALSE     |
| Tardbp   | common      | FALSE     |
| Saal1    | common      | FALSE     |
| Drosha   | common      | FALSE     |
| Cenpe    | common      | FALSE     |
| Prdx1    | common      | FALSE     |
| Pinx1    | common      | FALSE     |
| Nhp2     | common      | FALSE     |
| Usp1     | common      | FALSE     |
| Knstrn   | common      | FALSE     |
| Hoxb9    | common      | TRUE      |
| 5730559C1| common      | FALSE     |
| Naa40    | common      | FALSE     |
| Prkrir   | common      | FALSE     |
| Plekha8  | common      | FALSE     |
| Ddx56    | common      | FALSE     |
| Spats2   | common      | TRUE      |
| Acot1    | common      | FALSE     |
| Pold3    | common      | FALSE     |
| Ccnb2    | common      | FALSE     |
| Nup133   | common      | TRUE      |
| Cdc25a   | common      | FALSE     |
| Gtf2h3   | common      | TRUE      |
| Evc2     | common      | FALSE     |
| Prodh    | common      | FALSE     |
| Myo10    | common      | FALSE     |
| Eef1g    | common      | FALSE     |
| Nudcd1   | common      | FALSE     |
| Gene   | Status    | Value |
|--------|-----------|-------|
| Tubb6  | common    | FALSE |
| Cenph  | common    | FALSE |
| Nmt1   | common    | FALSE |
| Prkci  | common    | FALSE |
| Ddx27  | common    | FALSE |
| Snx18  | common    | FALSE |
| Smchd1 | common    | FALSE |
| Noc4l  | common    | FALSE |
| Dhx15  | common    | FALSE |
| Lig3   | common    | FALSE |
| Rfc5   | common    | FALSE |
| 2810004N2 | common | FALSE |
| Cdc27  | common    | FALSE |
| Pkn2   | common    | FALSE |
| Gpx3   | common    | FALSE |
| 2810417H1 | common | FALSE |
| Phb2   | common    | FALSE |
| Pvr13  | common    | FALSE |
| Polr2b | common    | FALSE |
| Fastkd2| common    | FALSE |
| Lrp4   | common    | FALSE |
| Pdha1  | common    | FALSE |
| Eed    | common    | FALSE |
| Hspe1  | common    | FALSE |
| Mtbp   | common    | FALSE |
| Gmnn   | common    | FALSE |
| Cnn2   | common    | FALSE |
| Asnsd1 | common    | FALSE |
| Adi1   | common    | FALSE |
| Casp8ap2 | common | FALSE |
| Snrpa1 | common    | FALSE |
| Msh2   | common    | FALSE |
| Hspa14 | common    | FALSE |
| Fign   | common    | FALSE |
| Flrt3  | common    | FALSE |
| Impdh2 | common    | FALSE |
| D10Wsu10 | common | FALSE |
| Cdk1   | common    | FALSE |
| Ranbp2 | common    | FALSE |
| Sox13  | common    | TRUE  |
| Snrnp40| common    | FALSE |
| Cpsf6  | common    | FALSE |
| Exosc8 | common    | FALSE |
| Thrap3 | common    | FALSE |
| Dnaji2 | common    | FALSE |
| Ppp4c  | common    | FALSE |
| Ned4   | common    | FALSE |
| Ythdf3 | common    | FALSE |
| Atad5  | common    | FALSE |
| Stoml2 | common    | FALSE |
| Gene   | Common | Status |
|--------|--------|--------|
| Lsr    | common | FALSE  |
| Phactr2| common | FALSE  |
| Spc24  | common | FALSE  |
| Rae1   | common | FALSE  |
| Dnajc9 | common | FALSE  |
| Smpd4  | common | FALSE  |
| Grk6   | common | FALSE  |
| Lpar6  | common | FALSE  |
| Itga5  | common | FALSE  |
| Pus7l  | common | FALSE  |
| Ubr7   | common | FALSE  |
| Cenpa  | common | FALSE  |
| Zfp266 | common | TRUE   |
| Hnrnpc | common | TRUE   |
| Ppp2r5d| common | FALSE  |
| Fanca  | common | FALSE  |
| Smg7   | common | FALSE  |
| Mis18bp1| common | FALSE  |
| Cstf1  | common | FALSE  |
| St13   | common | FALSE  |
| Prpf4  | common | FALSE  |
| Prpf31 | common | FALSE  |
| Chd1l  | common | FALSE  |
| Haglr  | common | FALSE  |
| Trip10 | common | TRUE   |
| Khsrp  | common | FALSE  |
| Heyl   | common | TRUE   |
| Ints2  | common | FALSE  |
| Arf6   | common | FALSE  |
| Mycbp  | common | FALSE  |
| Mettl2 | common | FALSE  |
| Zfp41  | common | TRUE   |
| Oat    | common | FALSE  |
| Cdc23  | common | FALSE  |
| Spcs3  | common | FALSE  |
| Ung    | common | FALSE  |
| Scaf11 | common | FALSE  |
| Cntrl  | common | FALSE  |
| Lrrc40 | common | FALSE  |
| Eif4a3 | common | FALSE  |
| Hmgb2  | common | TRUE   |
| Dus1l  | common | FALSE  |
| Hmgn1  | common | FALSE  |
| Bend4  | common | FALSE  |
| Ncapd3 | common | FALSE  |
| Emi4   | common | FALSE  |
| Ninl   | common | FALSE  |
| Amotf1 | common | FALSE  |
| Zfp207 | common | TRUE   |
| Dnttip2| common | FALSE  |
Tipin  common  FALSE
Cpsf3l  common  FALSE
Rbm14  common  FALSE
Lrwd1  common  FALSE
Slc20a2  common  FALSE
Xrcc6  common  FALSE
Golt1b  common  FALSE
Dzip1l  common  FALSE
Tcf3  common  TRUE
Enpp2  common  FALSE
Gapdh  common  FALSE
Pgam1  common  FALSE
Syncrip  common  FALSE
Rgma  common  FALSE
Ubap2l  common  FALSE
Hoxa3  common  TRUE
Nip7  common  FALSE
B3galnt2  common  FALSE
Cdca3  common  FALSE
Lmnb2  common  FALSE
Map2k6  common  FALSE
Atm  common  FALSE
Rpl4  common  FALSE
Tes  common  FALSE
Cbx1  common  FALSE
Rcbtb1  common  FALSE
Msto1  common  FALSE
Taf5l  common  FALSE
Ptpn2  common  FALSE
Adss  common  FALSE
Cdc7  common  FALSE
Hirip3  common  TRUE
Tcerg1  common  FALSE
Exosc3  common  TRUE
Nbn  common  FALSE
Zcchc3  common  FALSE
Ddx52  common  FALSE
Ugdh  common  FALSE
Fzd2  common  FALSE
Trp53  common  TRUE
H2afx  common  FALSE
Iars2  common  FALSE
Psmg1  common  FALSE
Prpf3  common  FALSE
Rnf144a  common  FALSE
Cwc22  common  FALSE
Zkscan17  common  TRUE
Phldb2  common  FALSE
Tyms-ps  common  FALSE
Tada2a  common  FALSE
| Gene         | Common | Valuation |
|--------------|--------|-----------|
| Sox2         | common | TRUE      |
| Ckap2        | common | FALSE     |
| Polr2h       | common | FALSE     |
| Gpn1         | common | FALSE     |
| Srsf3        | common | FALSE     |
| Rbm15        | common | FALSE     |
| Whsc1        | common | FALSE     |
| Psrcl        | common | FALSE     |
| Naa16        | common | FALSE     |
| Wbp11        | common | FALSE     |
| Snrnp200     | common | FALSE     |
| Piezo1       | common | FALSE     |
| Lmo4         | common | FALSE     |
| Aen          | common | FALSE     |
| Tgif1        | common | TRUE      |
| Csde1        | common | FALSE     |
| Ttc23        | common | FALSE     |
| Pi4k2b       | common | FALSE     |
| Prpf8        | common | FALSE     |
| Csrp2bp      | common | FALSE     |
| Cenpk        | common | FALSE     |
| Golm1        | common | FALSE     |
| Tmem47       | common | FALSE     |
| Cep192       | common | FALSE     |
| Tfam         | common | TRUE      |
| Wdr76        | common | FALSE     |
| Itga6        | common | FALSE     |
| Papola       | common | FALSE     |
| Pelp1        | common | FALSE     |
| Uchil5       | common | FALSE     |
| Ormd1        | common | FALSE     |
| Eif3c        | common | FALSE     |
| Mif          | common | FALSE     |
| Cdc16        | common | FALSE     |
| Foxp4        | common | TRUE      |
| Lsm2         | common | FALSE     |
| Cmtm7        | common | FALSE     |
| Sox10        | common | TRUE      |
| D2Wsu81e     | common | FALSE     |
| Pdia5        | common | FALSE     |
| Ngfr         | common | FALSE     |
| Isy1         | common | FALSE     |
| Eif2s2       | common | FALSE     |
| Ptp4a2       | common | FALSE     |
| Rfc1         | common | FALSE     |
| Gatad2a      | common | FALSE     |
| Vangl1       | common | FALSE     |
| Stk24        | common | FALSE     |
| Tead2        | common | TRUE      |
| Hnrnpdl      | common | FALSE     |
| Gene     | Common Type | Value |
|----------|-------------|-------|
| Nxt1     | common      | FALSE |
| Sdha     | common      | FALSE |
| Prim1    | common      | FALSE |
| Dctpp1   | common      | FALSE |
| Ppil     | common      | FALSE |
| Emilin1  | common      | FALSE |
| Rrp15    | common      | FALSE |
| Lgl1     | common      | FALSE |
| Nt5dc2   | common      | FALSE |
| Casd1    | common      | FALSE |
| Cdc42ep1 | common      | FALSE |
| Ecd      | common      | FALSE |
| Sart3    | common      | FALSE |
| Dusp4    | common      | FALSE |
| Kat2a    | common      | TRUE  |
| Ide      | common      | FALSE |
| Polr3e   | common      | FALSE |
| Ola1     | common      | FALSE |
| Gins2    | common      | FALSE |
| Pigl     | common      | FALSE |
| Ddx19a   | common      | FALSE |
| Rsl24d1  | common      | FALSE |
| Ube2f    | common      | FALSE |
| Cherp    | common      | FALSE |
| Nmral1   | common      | TRUE  |
| Nudcd2   | common      | FALSE |
| Al506816 | common      | FALSE |
| A430005L1| common      | FALSE |
| Fubp3    | common      | FALSE |
| Slc9a3r1 | common      | FALSE |
| Klhdc4   | common      | FALSE |
| Raver1   | common      | FALSE |
| Elp2     | common      | FALSE |
| Pop1     | common      | FALSE |
| Rrp8     | common      | FALSE |
| Supv3l1  | common      | FALSE |
| 1700017B0| common      | FALSE |
| Gas5     | common      | FALSE |
| Slc35a4  | common      | FALSE |
| Prim2    | common      | FALSE |
| Gdpd5    | common      | FALSE |
| Tsen15   | common      | FALSE |
| Qser1    | common      | FALSE |
| Qtrtd1   | common      | FALSE |
| Zbtb1    | common      | TRUE  |
| Utrn     | common      | FALSE |
| Hsd11b2  | common      | FALSE |
| Yars2    | common      | FALSE |
| Psmc3ip  | common      | FALSE |
| Inip     | common      | FALSE |
| Genes       | Appearance | Status  |
|-------------|------------|---------|
| Rad50       | common     | FALSE   |
| Ephb4       | common     | FALSE   |
| Soat1       | common     | FALSE   |
| Xpo7        | common     | FALSE   |
| Zfp462      | common     | FALSE   |
| Tamm41      | common     | FALSE   |
| Snhg3       | common     | FALSE   |
| Fgd1        | common     | FALSE   |
| Brix1       | common     | FALSE   |
| Pms2        | common     | FALSE   |
| Fam206a     | common     | FALSE   |
| Prpf40a     | common     | FALSE   |
| Slmap       | common     | FALSE   |
| Tmtc3       | common     | FALSE   |
| Cenpp       | common     | FALSE   |
| Fam136a     | common     | FALSE   |
| Dhx8        | common     | FALSE   |
| Dock1       | common     | FALSE   |
| Dr1         | common     | TRUE    |
| Zc3h18      | common     | FALSE   |
| Ddx47       | common     | FALSE   |
| Nmt2        | common     | FALSE   |
| Pabpc4      | common     | FALSE   |
| Metrn       | common     | FALSE   |
| Nr2f1       | common     | TRUE    |
| Klhl13      | common     | FALSE   |
| Myh10       | common     | FALSE   |
| Dcaf13      | common     | FALSE   |
| Siva1       | common     | FALSE   |
| Ttll12      | common     | FALSE   |
| Blmh        | common     | FALSE   |
| Taf1d       | common     | FALSE   |
| Setd8       | common     | FALSE   |
| Pdcd11      | common     | TRUE    |
| Spon1       | common     | FALSE   |
| Cd3eap      | common     | FALSE   |
| Rfc4        | common     | FALSE   |
| Tsen54      | common     | FALSE   |
| Mapk14      | common     | FALSE   |
| Med14       | common     | FALSE   |
| Eif3m       | common     | FALSE   |
| Drg1        | common     | FALSE   |
| Homer3      | common     | FALSE   |
| Gsto1       | common     | FALSE   |
| Cks1b       | common     | FALSE   |
| Xrcc5       | common     | FALSE   |
| Poc1b       | common     | FALSE   |
| Rfc2        | common     | TRUE    |
| 9430015G1   | common     | FALSE   |
| AI314180    | common     | FALSE   |
| Gene   | Explored | Status |
|--------|----------|--------|
| Fh1    | common   | FALSE  |
| Cdc34  | common   | FALSE  |
| Orc6   | common   | FALSE  |
| Rbm12  | common   | FALSE  |
| Med1   | common   | FALSE  |
| Ddx39b | common   | FALSE  |
| Ints9  | common   | FALSE  |
| Foxn2  | common   | TRUE   |
| Nacc1  | common   | FALSE  |
| Tubgcp4| common   | FALSE  |
| Tsen2  | common   | FALSE  |
| Scaf4  | common   | FALSE  |
| Xrcc1  | common   | TRUE   |
| Alg8   | common   | FALSE  |
| Nrf1   | common   | TRUE   |
| Donson | common   | FALSE  |
| Tshz1  | common   | FALSE  |
| Ppi1   | common   | FALSE  |
| Champ1 | common   | FALSE  |
| Tgs1   | common   | FALSE  |
| Slc20a1| common   | FALSE  |
| Gid4   | common   | FALSE  |
| Hoxd4  | common   | TRUE   |
| Phb    | common   | FALSE  |
| Ppp1r15b| common   | FALSE  |
| Bclaf1 | common   | TRUE   |
| Zfp422 | common   | TRUE   |
| Eri1   | common   | FALSE  |
| Ss18   | common   | FALSE  |
| Slc43a1| common   | FALSE  |
| Nt5c3b | common   | FALSE  |
| Sin3a  | common   | TRUE   |
| Mettl1 | common   | FALSE  |
| Nup214 | common   | FALSE  |
| Shroom2| common   | FALSE  |
| Pigm   | common   | FALSE  |
| Thumpd3| common   | FALSE  |
| Pbdc1  | common   | FALSE  |
| U2af2  | common   | FALSE  |
| Tdp2   | common   | FALSE  |
| Txnl1  | common   | FALSE  |
| Gtf2h4 | common   | FALSE  |
| Utp14a | common   | FALSE  |
| Hnrnpab| common   | FALSE  |
| Pxn    | common   | FALSE  |
| Trap1  | common   | FALSE  |
| Tom1f1 | common   | FALSE  |
| Rgs19  | common   | FALSE  |
| Cebpz  | common   | TRUE   |
| Psmc6  | common   | FALSE  |
Eif3i    common    FALSE
Rlim     common    FALSE
Utp6     common    FALSE
Eif2d    common    FALSE
Herc4    common    FALSE
Trip6    common    FALSE
Ythdf2   common    FALSE
Usp28    common    FALSE
Gabpa    common    TRUE
Gys1     common    FALSE
Gnb2l1   common    FALSE
Denr     common    FALSE
Atf1     common    TRUE
Cops2    common    FALSE
Morf4l2   common     FALSE
Mrfap1   common    FALSE
Fam199x  common    FALSE
N4bp2    common    FALSE
Tdp1     common    FALSE
Psmd5    common    FALSE
Senp1    common    FALSE
Lars     common    FALSE
Mex3c    common    TRUE
Stxbp4   common    FALSE
Cdk4     common    FALSE
Chsy1    common    FALSE
Terf1    common    TRUE
Hbb-y    common    FALSE
Fkbp3    common    FALSE
E130308A1 common    FALSE
Zc3hc1   common    FALSE
Bcat2    common    FALSE
Fbxo30   common    FALSE
Kif18b   common    FALSE
Plcb3    common    FALSE
Rangap1  common    FALSE
Hnnpd    common    FALSE
Rfc3     common    TRUE
Ppfibp1  common    FALSE
Bud13    common    FALSE
Upf1     common    FALSE
Mbd4     common    TRUE
Skap2    common    FALSE
Rbm27    common    FALSE
Cpsf4    common    TRUE
Pold2    common    TRUE
Csk      common    FALSE
Trmt10a  common    FALSE
Gtf3c4   common    FALSE
Med17    common    FALSE
| Gene Name | Common | Frequency | Status |
|-----------|--------|-----------|--------|
| Zdhhc15   | common | TRUE      |        |
| Pbx2      | common | TRUE      |        |
| Ctdsp12   | common | FALSE     |        |
| Bmp7      | common | FALSE     |        |
| Fxr1      | common | FALSE     |        |
| Cdk8      | common | FALSE     |        |
| Azin1     | common | FALSE     |        |
| Msh3      | common | FALSE     |        |
| Ednrb     | common | FALSE     |        |
| Fancm     | common | FALSE     |        |
| Zw10      | common | FALSE     |        |
| Rpap3     | common | FALSE     |        |
| Ssr3      | common | FALSE     |        |
| Megf10    | common | FALSE     |        |
| Dhx38     | common | FALSE     |        |
| Pus3      | common | FALSE     |        |
| Rhobtb3   | common | FALSE     |        |
| Vwa9      | common | FALSE     |        |
| Nrarp     | common | FALSE     |        |
| Gjc1      | common | FALSE     |        |
| Mob1a     | common | FALSE     |        |
| Mcat      | common | FALSE     |        |
| Impact    | common | FALSE     |        |
| Eif3e     | common | FALSE     |        |
| Mapkapk2  | common | FALSE     |        |
| Haus4     | common | FALSE     |        |
| Tgm4      | common | FALSE     |        |
| Fam53a    | common | FALSE     |        |
| Phf5a     | common | FALSE     |        |
| Daxx      | common | FALSE     |        |
| Nme7      | common | FALSE     |        |
| Baz1a     | common | FALSE     |        |
| Plscr1    | common | FALSE     |        |
| Tug1      | common | FALSE     |        |
| Zzz3      | common | TRUE      |        |
| Metap1    | common | FALSE     |        |
| Eaf1      | common | FALSE     |        |
| Tmem55a   | common | FALSE     |        |
| Ephb3     | common | FALSE     |        |
| Ska2      | common | FALSE     |        |
| Epb4.1l5  | common | FALSE     |        |
| Nudt1     | common | FALSE     |        |
| Fip1l1    | common | FALSE     |        |
| Socs6     | common | FALSE     |        |
| Gfer      | common | FALSE     |        |
| Wapal     | common | FALSE     |        |
| Msantd3   | common | FALSE     |        |
| Lpin2     | common | FALSE     |        |
| Bahcc1    | common | FALSE     |        |
| Vcpkmt    | common | FALSE     |        |
| Gene      | Common | Value |
|-----------|--------|-------|
| Asxl1     | common | FALSE |
| Hoxb8     | common | TRUE  |
| Syde1     | common | FALSE |
| Pom121    | common | FALSE |
| Arcn1     | common | FALSE |
| Myh9      | common | FALSE |
| Thoc1     | common | FALSE |
| AY358078  | common | FALSE |
| Thumpd1   | common | FALSE |
| Fam111a   | common | FALSE |
| Tmem164   | common | FALSE |
| Manea     | common | FALSE |
| Asun      | common | FALSE |
| Ccdc43    | common | FALSE |
| Hcfc1     | common | TRUE  |
| Emg1      | common | FALSE |
| Ints8     | common | FALSE |
| Tubgcp2   | common | FALSE |
| Rbbp4     | common | FALSE |
| Nvl       | common | FALSE |
| Ears2     | common | FALSE |
| 6330549D2 | common | FALSE |
| Cnot11    | common | FALSE |
| Zfp334    | common | TRUE  |
| Plrg1     | common | FALSE |
| Map3k11   | common | FALSE |
| Pds5b     | common | FALSE |
| Rbm15b    | common | FALSE |
| Tars      | common | FALSE |
| Rbm28     | common | FALSE |
| Zdhhc6    | common | FALSE |
| Eef1a1    | common | FALSE |
| Trnt1     | common | FALSE |
| Lypla1    | common | FALSE |
| Ccar1     | common | FALSE |
| Pabpc4l   | common | FALSE |
| Hmgb3     | common | TRUE  |
| Rprd1b    | common | FALSE |
| Cks2      | common | FALSE |
| Hoxb3     | common | TRUE  |
| Cdyl      | common | FALSE |
| Mpdz      | common | FALSE |
| Prmt6     | common | FALSE |
| Stk4      | common | FALSE |
| Serp1     | common | FALSE |
| Xxylt1    | common | FALSE |
| 4930579G2 | common | FALSE |
| Gemin2    | common | FALSE |
| Rpp30     | common | FALSE |
| Elp3      | common | FALSE |
| Symbol | Type | Status |
|--------|------|--------|
| Bccip  | common | FALSE  |
| Bri3bp | common | FALSE  |
| Heg1   | common | FALSE  |
| Sp1    | common | TRUE   |
| Gtf3c2 | common | TRUE   |
| Rpf1   | common | FALSE  |
| Patz1  | common | TRUE   |
| E2f6   | common | TRUE   |
| Eef1b2 | common | FALSE  |
| Anapc15| common | FALSE  |
| Cenpm  | common | FALSE  |
| Snrpb  | common | FALSE  |
| Tfb1m  | common | FALSE  |
| Smn1   | common | FALSE  |
| Papd4  | common | FALSE  |
| Alg11  | common | FALSE  |
| Tjp1   | common | FALSE  |
| Mrpl1  | common | TRUE   |
| Peli2  | common | FALSE  |
| Ppp2r2a| common | FALSE  |
| Bcl2l13| common | FALSE  |
| Itch   | common | FALSE  |
| 2810006K2 | common | FALSE |
| Ints3  | common | FALSE  |
| Apex1  | common | TRUE   |
| Pmf1   | common | FALSE  |
| 1810009A1 | common | FALSE |
| Larp7  | common | FALSE  |
| U2surp | common | FALSE  |
| Gm11974| common | FALSE  |
| Aco1   | common | TRUE   |
| Hnrmph2| common | FALSE  |
| Tti1   | common | FALSE  |
| Appbp2 | common | FALSE  |
| Ankrd49| common | FALSE  |
| Parg   | common | FALSE  |
| Ubdtd2 | common | FALSE  |
| Nme6   | common | FALSE  |
| Cd320  | common | FALSE  |
| Alkbh1 | common | FALSE  |
| Cul2   | common | FALSE  |
| Usp7   | common | FALSE  |
| Anp32a | common | FALSE  |
| Noa1   | common | FALSE  |
| Atp13a3| common | FALSE  |
| Pstk   | common | FALSE  |
| Prroc2c| common | FALSE  |
| Cdk7   | common | FALSE  |
| Tex9   | common | FALSE  |
| Phf10  | common | FALSE  |
| Gene       | Type    | Value |
|------------|---------|-------|
| Psmd12     | common  | TRUE  |
| Plxna1     | common  | FALSE |
| Gnpat      | common  | FALSE |
| Lsg1       | common  | FALSE |
| Pard6g     | common  | FALSE |
| Dck        | common  | FALSE |
| Sfpq       | common  | TRUE  |
| Cyfip1     | common  | FALSE |
| Exosc9     | common  | FALSE |
| Stag2      | common  | FALSE |
| Ccdc58     | common  | FALSE |
| D15Ertd62  | common  | FALSE |
| Dicer1     | common  | FALSE |
| Psma5      | common  | FALSE |
| Ggct       | common  | FALSE |
| Nae1       | common  | FALSE |
| Fat1       | common  | FALSE |
| Rexo4      | common  | FALSE |
| Hmbs       | common  | FALSE |
| Mesdc1     | common  | FALSE |
| Ptplb      | common  | FALSE |
| Polr2e     | common  | FALSE |
| Lonp1      | common  | FALSE |
| Psmd10     | common  | FALSE |
| Zcchc10    | common  | FALSE |
| Rnf138     | common  | TRUE  |
| Prr11      | common  | FALSE |
| Elov12     | common  | FALSE |
| Cactin     | common  | FALSE |
| Map2k3     | common  | FALSE |
| Pik3c2a    | common  | FALSE |
| Thoc6      | common  | FALSE |
| Pank2      | common  | FALSE |
| Rpusd4     | common  | FALSE |
| 2810025M   | common  | FALSE |
| Pcbp1      | common  | FALSE |
| Palld1     | common  | FALSE |
| Gtf2h2     | common  | FALSE |
| Tmem39a    | common  | FALSE |
| Cops4      | common  | FALSE |
| Mrps2      | common  | FALSE |
| Etv6       | common  | TRUE  |
| Slitrk2    | common  | FALSE |
| Ndufs1     | common  | FALSE |
| Dhx9       | common  | FALSE |
| Cpsf1      | common  | FALSE |
| Tstd2      | common  | FALSE |
| Ctbp2      | common  | TRUE  |
| Hdac1      | common  | TRUE  |
| Foxd3      | common  | TRUE  |
| Gene          | Common | Value   |
|--------------|--------|---------|
| Gltp         | common | FALSE   |
| Dlg1         | common | FALSE   |
| Iws1         | common | FALSE   |
| Wbcsr22      | common | FALSE   |
| Rnf2         | common | FALSE   |
| Rabl3        | common | FALSE   |
| Top1         | common | FALSE   |
| Srrt         | common | FALSE   |
| Vcp          | common | FALSE   |
| Lrp6         | common | FALSE   |
| Isyna1       | common | FALSE   |
| Slc4a7       | common | FALSE   |
| Alyref       | common | FALSE   |
| Pdgfc        | common | FALSE   |
| Setdb1       | common | TRUE    |
| Katna1       | common | FALSE   |
| Ago2         | common | FALSE   |
| Mcmbp        | common | FALSE   |
| Clint1       | common | FALSE   |
| Gtf3c3       | common | FALSE   |
| Smarcd1      | common | FALSE   |
| Cpsf3        | common | FALSE   |
| Cryz         | common | FALSE   |
| Ddx46        | common | FALSE   |
| Smu1         | common | FALSE   |
| Esf1         | common | FALSE   |
| Mrpl45       | common | FALSE   |
| Wrb          | common | FALSE   |
| Sox8         | common | TRUE    |
| Heatr5a      | common | FALSE   |
| Ctu2         | common | FALSE   |
| Mical1       | common | FALSE   |
| 1110038B1    | common | FALSE   |
| Alkbh5       | common | FALSE   |
| Pmpca        | common | FALSE   |
| Rabggtb      | common | FALSE   |
| Zfp217       | common | TRUE    |
| Cpxm1        | common | FALSE   |
| Psmd3        | common | FALSE   |
| Hoxb7        | common | TRUE    |
| Rbm10        | common | FALSE   |
| Fam149a      | common | FALSE   |
| Ssb          | common | FALSE   |
| Slc12a7      | common | FALSE   |
| Mrps22       | common | FALSE   |
| Gemin8       | common | FALSE   |
| Sep-10       | common | FALSE   |
| Dusp12       | common | FALSE   |
| Rps2         | common | FALSE   |
| Topors       | common | TRUE    |
| Gene   | Common | Value |
|--------|--------|-------|
| Ddx54  | common | FALSE |
| Pacs1  | common | FALSE |
| Pcca   | common | FALSE |
| Sde2   | common | FALSE |
| Mccc2  | common | FALSE |
| AI597479 | common | FALSE |
| Baz1b  | common | FALSE |
| Senp3  | common | FALSE |
| Mad1l1 | common | FALSE |
| Rbms1  | common | TRUE  |
| Zscan12| common | TRUE  |
| Ube2d3 | common | FALSE |
| Farp1  | common | FALSE |
| Mtr    | common | FALSE |
| Rpsa   | common | FALSE |
| Dera   | common | FALSE |
| Sf3b4  | common | FALSE |
| Chst14 | common | FALSE |
| Dsn1   | common | FALSE |
| Scrn2  | common | FALSE |
| Hif1a  | common | TRUE  |
| Eif2a  | common | FALSE |
| Cul4a  | common | FALSE |
| Nipa2  | common | FALSE |
| Polr3f | common | FALSE |
| Polr3d | common | FALSE |
| Decr1  | common | FALSE |
| Nhp2l1 | common | FALSE |
| Tulp3  | common | FALSE |
| Crk    | common | FALSE |
| Cdc14b | common | FALSE |
| Pgg1b  | common | FALSE |
| Zranb2 | common | FALSE |
| Casp2  | common | FALSE |
| Ercc3  | common | FALSE |
| Gabpb2 | common | FALSE |
| Mkln1  | common | FALSE |
| Itga4  | common | FALSE |
| Taf2   | common | FALSE |
| Cltc   | common | FALSE |
| Mrps30 | common | FALSE |
| Dld    | common | FALSE |
| Adam12 | common | FALSE |
| Tirap  | common | FALSE |
| Mta1   | common | FALSE |
| Wls    | common | FALSE |
| Exosc5 | common | FALSE |
| Uri1   | common | FALSE |
| Snw1   | common | FALSE |
| Celsr1 | common | FALSE |
| Gene     | Type  | Value |
|----------|-------|-------|
| Cep76    | common| FALSE |
| Haus1    | common| FALSE |
| Cul3     | common| FALSE |
| Matr3    | common| FALSE |
| 2700094K1| common| FALSE |
| Gzf1     | common| TRUE  |
| Thoc3    | common| FALSE |
| Ythdf1   | common| FALSE |
| Ehmt1    | common| FALSE |
| Sympk    | common| FALSE |
| Abcg2    | common| FALSE |
| 2900097C1| common| FALSE |
| Arih2    | common| FALSE |
| Ubap2    | common| FALSE |
| Ampd2    | common| FALSE |
| Alad     | common| FALSE |
| Eya3     | common| FALSE |
| Taf6     | common| FALSE |
| Sclt1    | common| FALSE |
| Psmd7    | common| FALSE |
| Galnt1   | common| FALSE |
| Brd7     | common| FALSE |
| Mief1    | common| TRUE  |
| Rimklb   | common| FALSE |
| Utp3     | common| FALSE |
| Axin1    | common| FALSE |
| Mknk2    | common| FALSE |
| Gpn2     | common| FALSE |
| Nrp1     | common| FALSE |
| Dhx16    | common| FALSE |
| Ttc9c    | common| FALSE |
| Lsm12    | common| FALSE |
| A130010J1| common| FALSE |
| Orc4     | common| FALSE |
| Prdm5    | common| TRUE  |
| Tsr2     | common| FALSE |
| Hif1an   | common| FALSE |
| Cbl      | common| FALSE |
| Mlh1     | common| FALSE |
| Nfya     | common| TRUE  |
| Rdx      | common| FALSE |
| Nelfa    | common| TRUE  |
| Zfp518b  | common| FALSE |
| Adprhl2  | common| FALSE |
| 4930503L1| common| FALSE |
| Sars2    | common| FALSE |
| Adpgk    | common| FALSE |
| E130309DC| common| FALSE |
| Erlin1   | common| FALSE |
| Kpna4    | common| FALSE |
| Gene Symbol | Condition | Value |
|-------------|-----------|-------|
| Hba-x       | common    | FALSE |
| Aldh16a1    | common    | FALSE |
| Sod1        | common    | TRUE  |
| Ppp1r8      | common    | FALSE |
| Dhx35       | common    | FALSE |
| Chd7        | common    | FALSE |
| Prkab1      | common    | FALSE |
| Atl2        | common    | FALSE |
| Cep68       | common    | FALSE |
| D830031N    | common    | FALSE |
| Glyr1       | common    | FALSE |
| Taf1        | common    | TRUE  |
| Ppie        | common    | FALSE |
| Hmcn1       | common    | FALSE |
| Hip1        | common    | FALSE |
| Rcc2        | common    | FALSE |
| Chrna4      | common    | FALSE |
| Slc4a2      | common    | FALSE |
| Fancl       | common    | FALSE |
| Dtymk       | common    | FALSE |
| Ddx41       | common    | FALSE |
| Nthl1       | common    | FALSE |
| Smg8        | common    | FALSE |
| Orc3        | common    | FALSE |
| Plp1        | common    | FALSE |
| Coq4        | common    | FALSE |
| Gli2        | common    | TRUE  |
| Gtf2e2      | common    | FALSE |
| Ywhaq       | common    | FALSE |
| Pspc1       | common    | FALSE |
| Mta2        | common    | FALSE |
| 2610507B1   | common    | FALSE |
| Tsfm        | common    | FALSE |
| Dse         | common    | FALSE |
| Tubgcp3     | common    | FALSE |
| Trim62      | common    | FALSE |
| Pgam5       | common    | FALSE |
| Mapk6       | common    | FALSE |
| Parn        | common    | FALSE |
| Tmx3        | common    | FALSE |
| Cab39l      | common    | FALSE |
| Rtcb        | common    | FALSE |
| Cdc14a      | common    | FALSE |
| Prelid2     | common    | FALSE |
| Sec23ip     | common    | FALSE |
| Pum2        | common    | FALSE |
| Polr3c      | common    | FALSE |
| Cdk12       | common    | FALSE |
| Spidr       | common    | FALSE |
| Mtfr1       | common    | FALSE |
| Gene       | Type | Value |
|------------|------|-------|
| Poc1a      |      | FALSE |
| Ndufaf4    |      | FALSE |
| Rplp0      |      | FALSE |
| Arl6ip6    |      | FALSE |
| Kirrel     |      | FALSE |
| Taf6l      |      | FALSE |
| Pgd        |      | FALSE |
| Pdf        |      | FALSE |
| Nras       |      | FALSE |
| Nufip2     |      | FALSE |
| Zfp26      |      | FALSE |
| Rpp14      |      | FALSE |
| Trmt1      |      | TRUE  |
| Lrrfip1    |      | TRUE  |
| Fam178a    |      | FALSE |
| Hdac3      |      | TRUE  |
| Elp4       |      | FALSE |
| Ctcf       |      | TRUE  |
| Snrnp70    |      | TRUE  |
| Trub2      |      | FALSE |
| Unc119     |      | FALSE |
| Nin        |      | FALSE |
| Cotl1      |      | FALSE |
| Psmc4      |      | FALSE |
| Tpr        |      | FALSE |
| Pum1       |      | FALSE |
| Ankrd26    |      | FALSE |
| Polr2d     |      | FALSE |
| Qrich1     |      | FALSE |
| Atg5       |      | FALSE |
| Zfp961     |      | TRUE  |
| Parp2      |      | FALSE |
| Lfng       |      | FALSE |
| Cnnm4      |      | FALSE |
| Ndufaf2    |      | FALSE |
| Raly       |      | FALSE |
| Oard1      |      | FALSE |
| Prkra      |      | FALSE |
| Psme4      |      | FALSE |
| Rps6       |      | FALSE |
| Ltn1       |      | FALSE |
| Specc1     |      | FALSE |
| Obfc1      |      | FALSE |
| Gale       |      | FALSE |
| Fbxw8      |      | FALSE |
| Smg5       |      | FALSE |
| Smim15     |      | FALSE |
| Apaf1      |      | FALSE |
| Polr1c     |      | FALSE |
| Tmem248    |      | FALSE |
| Gene   | Gene Symbol | COMMON | Value |
|--------|-------------|--------|-------|
| Dpp3   | 2310022A1   | FALSE  |
| Yeats2 | COMMON      | FALSE  |
| Anp32e | COMMON      | FALSE  |
| Tsku   | COMMON      | FALSE  |
| Repin1 | COMMON      | FALSE  |
| Ube2v1 | COMMON      | TRUE   |
| Maml1  | COMMON      | FALSE  |
| Sco1   | COMMON      | FALSE  |
| Leo1   | COMMON      | FALSE  |
| Rilpl1 | COMMON      | FALSE  |
| Rnf4   | COMMON      | FALSE  |
| Sub1   | COMMON      | FALSE  |
| Pdpn   | COMMON      | FALSE  |
| Asf1a  | COMMON      | FALSE  |
| 2310022A1 | COMMON | FALSE  |
| Erh    | COMMON      | FALSE  |
| Mtf2   | COMMON      | FALSE  |
| Coro1c | COMMON      | FALSE  |
| Rpl15  | COMMON      | FALSE  |
| Nck1   | COMMON      | FALSE  |
| Mier3  | COMMON      | FALSE  |
| Pthr2  | COMMON      | FALSE  |
| N4bp1  | COMMON      | FALSE  |
| Zfx    | COMMON      | TRUE   |
| Ext1   | COMMON      | FALSE  |
| Ctc1   | COMMON      | FALSE  |
| Polr2a | COMMON      | FALSE  |
| Aqr    | COMMON      | FALSE  |
| Cacul1 | COMMON      | FALSE  |
| Nudt7  | COMMON      | FALSE  |
| Pigq   | COMMON      | FALSE  |
| Fam212a| COMMON      | FALSE  |
| Glce   | COMMON      | FALSE  |
| Edc3   | COMMON      | FALSE  |
| Phrf1  | COMMON      | FALSE  |
| Nfxl1  | COMMON      | FALSE  |
| Abl1   | COMMON      | TRUE   |
| H2afz  | COMMON      | TRUE   |
| Atr    | COMMON      | FALSE  |
| Zfp213 | COMMON      | TRUE   |
| Hdgfrp2| COMMON      | FALSE  |
| Lrrcc1 | COMMON      | FALSE  |
| Mettl3 | COMMON      | TRUE   |
| 6030458C1 | COMMON | FALSE  |
| Fut8   | COMMON      | FALSE  |
| Hnrnpr | COMMON      | FALSE  |
| Lasp1  | COMMON      | FALSE  |
| Rars2  | COMMON      | FALSE  |
| Vkorc1l1 | COMMON | FALSE  |
| Ikzf5  | COMMON      | TRUE   |
| Gene   | Type  | Common | Status |
|--------|-------|--------|--------|
| Tmem123| common| FALSE  |        |
| Mrpl3  | common| FALSE  |        |
| Zfp322a| common| TRUE   |        |
| Tnpo1  | common| FALSE  |        |
| Ccdc77 | common| FALSE  |        |
| Tank   | common| FALSE  |        |
| Hes1   | common| TRUE   |        |
| Cnot3  | common| TRUE   |        |
| Acad9  | common| FALSE  |        |
| Rreb1  | common| TRUE   |        |
| Sec23b | common| FALSE  |        |
| Nfyc   | common| TRUE   |        |
| Rbbp8  | common| FALSE  |        |
| Eif1ax | common| FALSE  |        |
| Tgfr1  | common| FALSE  |        |
| Pnn    | common| FALSE  |        |
| Foxred1| common| FALSE  |        |
| Cd2ap  | common| FALSE  |        |
| Gpam   | common| TRUE   |        |
| Glo1   | common| FALSE  |        |
| Nduf1  | common| FALSE  |        |
| Nhlrc2 | common| FALSE  |        |
| Sntb2  | common| FALSE  |        |
| Mrps35 | common| FALSE  |        |
| Rik2   | common| FALSE  |        |
| Gfra1  | common| FALSE  |        |
| Smc5   | common| FALSE  |        |
| Csnk2a1| common| FALSE  |        |
| Sppl2b | common| FALSE  |        |
| Dvl2   | common| FALSE  |        |
| Mier1  | common| FALSE  |        |
| Rnft1  | common| FALSE  |        |
| Sf3b1  | common| TRUE   |        |
| Capza1 | common| FALSE  |        |
| Rfx7   | common| TRUE   |        |
| Dlx40  | common| FALSE  |        |
| Mphosph9| common| FALSE  |        |
| Hmgxb4 | common| FALSE  |        |
| Nrm    | common| FALSE  |        |
| Hoxa5  | common| TRUE   |        |
| Adh5   | common| FALSE  |        |
| Rnf26  | common| FALSE  |        |
| Pkp4   | common| FALSE  |        |
| Ash2l  | common| TRUE   |        |
| Alg6   | common| FALSE  |        |
| Rps3a1 | common| FALSE  |        |
| Snhg7  | common| FALSE  |        |
| Cops7b | common| FALSE  |        |
| Prpfi8a| common| FALSE  |        |
| Maml2  | common| FALSE  |        |
| Gene Symbol | Type   | Value |
|-------------|--------|-------|
| Nsmce4a     | common | FALSE |
| Agfg1       | common | FALSE |
| Cep57       | common | FALSE |
| Zrsr2       | common | FALSE |
| Ctnna1      | common | FALSE |
| Gcn11       | common | FALSE |
| Pbx3        | common | TRUE  |
| Rbm17       | common | TRUE  |
| Zfp710      | common | TRUE  |
| Prr5        | common | FALSE |
| Tubg1       | common | FALSE |
| 9430008C0   | common | FALSE |
| Mettl6      | common | FALSE |
| Rnf40       | common | FALSE |
| Dnajc10     | common | FALSE |
| Wdr92       | common | FALSE |
| Hnrnpa2b1   | common | FALSE |
| Uchl4       | common | FALSE |
| Eif2ak4     | common | FALSE |
| Qars        | common | FALSE |
| Smndc1      | common | FALSE |
| Klhl22      | common | FALSE |
| Atpaf2      | common | FALSE |
| Mpg         | common | FALSE |
| Myl9        | common | FALSE |
| Txlna       | common | FALSE |
| Ccnh        | common | FALSE |
| Dpy19I3     | common | FALSE |
| Tnks2       | common | FALSE |
| Dscr3       | common | FALSE |
| Snhg1       | common | FALSE |
| Fance       | common | FALSE |
| Cnot10      | common | FALSE |
| Plin2       | common | FALSE |
| Man1a2      | common | FALSE |
| Mpp5        | common | FALSE |
| Pfn1        | common | FALSE |
| Psma1       | common | FALSE |
| E430025E2   | common | FALSE |
| Emc8        | common | FALSE |
| If74        | common | FALSE |
| Sumo3       | common | FALSE |
| Dusp7       | common | FALSE |
| Zfp629      | common | TRUE  |
| Ranbp3      | common | FALSE |
| Patl1       | common | FALSE |
| Nutf2       | common | FALSE |
| Kif7        | common | FALSE |
| Ssfa2       | common | FALSE |
| Bmpr1a      | common | FALSE |
| Gene        | Status     |
|-------------|------------|
| Yeats4      | TRUE       |
| Nus1        | FALSE      |
| Gdi2        | FALSE      |
| Mios        | TRUE       |
| Rbms2       | FALSE      |
| Tmed5       | FALSE      |
| Jmj4        | FALSE      |
| Qk          | FALSE      |
| Rin2        | FALSE      |
| Pacsin2     | FALSE      |
| Cstf3       | FALSE      |
| Dpp8        | FALSE      |
| Caap1       | FALSE      |
| Zfp507      | TRUE       |
| Fbxl14      | FALSE      |
| Marcks1     | FALSE      |
| Stk3        | FALSE      |
| Desi2       | FALSE      |
| Eif4enif1   | FALSE      |
| Fadd        | FALSE      |
| Usp3        | FALSE      |
| Uhrf2       | FALSE      |
| C330018D2   | FALSE      |
| Igfbp2      | FALSE      |
| Cdc73       | FALSE      |
| Bckdk       | FALSE      |
| Dancr       | FALSE      |
| Katnbl1     | FALSE      |
| Nit2        | FALSE      |
| Wdr11       | FALSE      |
| Sos1        | FALSE      |
| Ppp6r3      | FALSE      |
| Bap1        | FALSE      |
| Tyw5        | FALSE      |
| 1200014J1   | FALSE      |
| Wdr61       | FALSE      |
| Nudt21      | FALSE      |
| Tcf711      | TRUE       |
| Ccdc137     | FALSE      |
| Pbx1        | TRUE       |
| Rnmt        | FALSE      |
| Slc25a37    | FALSE      |
| Ptpn14      | FALSE      |
| Pgm1        | FALSE      |
| Pycrl       | FALSE      |
| Tpm4        | FALSE      |
| Poldip3     | FALSE      |
| Rpl27a      | FALSE      |
| Ibtk        | FALSE      |
| Zdhhc5      | TRUE       |
| Gene   | Type   | Value |
|--------|--------|-------|
| QrsI1  | common | FALSE |
| Senp5  | common | FALSE |
| Samhd1 | common | FALSE |
| Cox18  | common | FALSE |
| ZmynD8 | common | FALSE |
| PssIp1 | common | FALSE |
| Prkd3  | common | FALSE |
| Arpp19 | common | FALSE |
| 1810055G0 | common | FALSE |
| Med8   | common | FALSE |
| Ppap2c | common | FALSE |
| Smim12 | common | FALSE |
| Phf13  | common | FALSE |
| Psmg2  | common | FALSE |
| Osbpl1a| common | FALSE |
| Rabl6  | common | FALSE |
| Actn4  | common | FALSE |
| Uba3   | common | FALSE |
| Kctd20 | common | FALSE |
| Mrps9  | common | FALSE |
| Akap8  | common | FALSE |
| Rpl12  | common | FALSE |
| Acad8  | common | FALSE |
| Zbed4  | common | FALSE |
| Mrps25 | common | TRUE  |
| Olfml3 | common | FALSE |
| Mllt1  | common | FALSE |
| Crnkl1 | common | FALSE |
| B3glicl| common | FALSE |
| Nelfe  | common | TRUE  |
| Stk40  | common | FALSE |
| Taf12  | common | FALSE |
| Rps27a | common | FALSE |
| Acp1   | common | FALSE |
| Tomm5  | common | FALSE |
| Ice1   | common | FALSE |
| Magoh  | common | TRUE  |
| 9530082P2 | common | FALSE |
| Ccdc25 | common | TRUE  |
| Itgb3bp| common | FALSE |
| Sp3    | common | TRUE  |
| Foxo4  | common | TRUE  |
| Adnp2  | common | TRUE  |
| Zfp518a| common | FALSE |
| Trim32 | common | FALSE |
| Ap1g1  | common | FALSE |
| Fam49b | common | FALSE |
| Arl14ep| common | FALSE |
| Tmem216| common | FALSE |
| Eif2ak1| common | FALSE |
| Gene       | Type    | Status |
|------------|---------|--------|
| Dhx36      | common  | TRUE   |
| Strada     | common  | FALSE  |
| Lzic       | common  | FALSE  |
| Mesdc2     | common  | FALSE  |
| Usp47      | common  | FALSE  |
| Gtf3c6     | common  | FALSE  |
| Scap       | common  | FALSE  |
| Plcg1      | common  | FALSE  |
| Smg1       | common  | FALSE  |
| Ppfia1     | common  | FALSE  |
| Fam118a    | common  | FALSE  |
| Tm9sf3     | common  | FALSE  |
| Srp68      | common  | FALSE  |
| Pde12      | common  | FALSE  |
| Med16      | common  | FALSE  |
| Eif1ad     | common  | FALSE  |
| Mcm3ap     | common  | FALSE  |
| Stt3a      | common  | FALSE  |
| Naca       | common  | FALSE  |
| Drg2       | common  | FALSE  |
| Mut        | common  | FALSE  |
| Suz12      | common  | TRUE   |
| Zfp516     | common  | TRUE   |
| S1c35a1    | common  | FALSE  |
| Fam210a    | common  | FALSE  |
| Rara       | common  | TRUE   |
| Aven       | common  | TRUE   |
| Tspan12    | common  | FALSE  |
| Dcp1a      | common  | FALSE  |
| Sh3rf1     | common  | FALSE  |
| Elmsan1    | common  | FALSE  |
| Nxn        | common  | FALSE  |
| Zfp275     | common  | TRUE   |
| Kdm6a      | common  | FALSE  |
| Snrpd1     | common  | FALSE  |
| Mfsd1      | common  | FALSE  |
| Lpar3      | common  | FALSE  |
| Yy1        | common  | TRUE   |
| 1810032O0C | common  | FALSE  |
| Tmem165    | common  | FALSE  |
| Spire1     | common  | FALSE  |
| Med6       | common  | FALSE  |
| Limd2      | common  | FALSE  |
| Anapc7     | common  | FALSE  |
| Ppp4r2     | common  | FALSE  |
| Hs2st1     | common  | FALSE  |
| Chordc1    | common  | FALSE  |
| Tysnd1     | common  | FALSE  |
| Rab13      | common  | FALSE  |
| Zc3h4      | common  | FALSE  |
| Gene     | Affinity Type | Expression |
|----------|---------------|------------|
| Arid2    | common        | FALSE      |
| Pxdn     | common        | FALSE      |
| Zfp317   | common        | TRUE       |
| Dcun1d4  | common        | FALSE      |
| Memo1    | common        | FALSE      |
| Scly     | common        | FALSE      |
| Szrd1    | common        | FALSE      |
| Ppm1m    | common        | FALSE      |
| Thyn1    | common        | FALSE      |
| Kcmf1    | common        | FALSE      |
| Flna     | common        | FALSE      |
| Gm6524   | common        | FALSE      |
| Rnaseh2a | common        | FALSE      |
| Zfp574   | common        | TRUE       |
| Wtip     | common        | FALSE      |
| Lsm14a   | common        | FALSE      |
| Myrf     | common        | TRUE       |
| Vangl2   | common        | FALSE      |
| Id3      | common        | FALSE      |
| Rhot2    | common        | FALSE      |
| Aldh7a1  | common        | FALSE      |
| Nploc4   | common        | FALSE      |
| Mtmr2    | common        | FALSE      |
| Taf9     | common        | TRUE       |
| Usp6nl   | common        | FALSE      |
| Psmg3    | common        | FALSE      |
| Papss1   | common        | FALSE      |
| Rps23    | common        | FALSE      |
| Usp40    | common        | FALSE      |
| Dcbld1   | common        | FALSE      |
| Exosc10  | common        | FALSE      |
| Ints1    | common        | FALSE      |
| Smarcad1 | common        | FALSE      |
| Asb4     | common        | FALSE      |
| Ppil3    | common        | FALSE      |
| A230046KC| common        | FALSE      |
| Kif2a    | common        | FALSE      |
| Wasf1    | common        | FALSE      |
| Pycr2    | common        | FALSE      |
| Pcm1     | common        | FALSE      |
| Zbtb14   | common        | TRUE       |
| Itpripl1 | common        | FALSE      |
| Snx33    | common        | FALSE      |
| Lsm8     | common        | FALSE      |
| Mrpl15   | common        | FALSE      |
| Dagla    | common        | FALSE      |
| Evc      | common        | FALSE      |
| Abt1     | common        | FALSE      |
| Cnot2    | common        | FALSE      |
| Huwe1    | common        | FALSE      |
| Gene  | Category | Value |
|-------|----------|-------|
| Lman1 | common   | FALSE |
| Bcl2l12| common   | FALSE |
| Pigf  | common   | FALSE |
| Ube2g1| common   | FALSE |
| Zcchc8| common   | FALSE |
| Eif5b | common   | FALSE |
| Ing3  | common   | TRUE  |
| Dph7  | common   | FALSE |
| Tlk1  | common   | FALSE |
| Fam129b| common  | FALSE |
| Rap2c | common   | FALSE |
| Reep4 | common   | FALSE |
| Polr1d| common   | FALSE |
| Prpsap1| common  | FALSE |
| Prpf39| common   | FALSE |
| Mavs  | common   | FALSE |
| Pole4 | common   | TRUE  |
| Rbl1  | common   | FALSE |
| Tmem167| common  | FALSE |
| 2310033P0| common  | FALSE |
| Mrpl50 | common | FALSE |
| Cggbp1| common   | FALSE |
| Poll  | common   | FALSE |
| Ubp1  | common   | TRUE  |
| Casp8 | common   | FALSE |
| Snord96a| common | FALSE |
| Ccz1  | common   | FALSE |
| Snd1  | common   | TRUE  |
| Hbs1l | common   | FALSE |
| Ttc32 | common   | FALSE |
| Plcd1 | common   | FALSE |
| LOC102634| common | FALSE |
| Kitl  | common   | FALSE |
| Srsf4 | common   | FALSE |
| Ptk7  | common   | FALSE |
| Smek2 | common   | FALSE |
| Npat  | common   | FALSE |
| 2410004N0| common  | FALSE |
| Ptprg | common   | FALSE |
| Nap1l4| common   | FALSE |
| Ktn1  | common   | FALSE |
| Prpf4b| common   | FALSE |
| Ppm1f | common   | FALSE |
| Rhot1 | common   | FALSE |
| Zfp260| common   | TRUE  |
| Rnf8  | common   | FALSE |
| Cdc37 | common   | FALSE |
| Ston2 | common   | FALSE |
| Pdzd8 | common   | FALSE |
| Tyw1  | common   | FALSE |
| Gene | Type | Status |
|------|------|--------|
| Opa1 | common | FALSE |
| Ugcg | common | FALSE |
| Ubr5 | common | FALSE |
| Tcf20 | common | FALSE |
| Msi1 | common | TRUE  |
| Josd1 | common | FALSE |
| 1110008F1 | common | FALSE |
| Akap10 | common | FALSE |
| Arhgap5 | common | FALSE |
| Rcn1 | common | FALSE |
| Mitd1 | common | FALSE |
| Hnrnpul1 | common | FALSE |
| Rnf149 | common | FALSE |
| Ovca2 | common | FALSE |
| Mrps7 | common | FALSE |
| Tyro3 | common | FALSE |
| Zfp105 | common | TRUE  |
| Hyal2 | common | FALSE |
| Mum1 | common | FALSE |
| Smc6 | common | FALSE |
| Ccm2 | common | FALSE |
| 2810474O1 | common | FALSE |
| Nfatc3 | common | TRUE  |
| Snrpd3 | common | FALSE |
| Rlap1 | common | FALSE |
| Mrpl44 | common | FALSE |
| Ddx42 | common | FALSE |
| Gcnt1 | common | FALSE |
| Zscan22 | common | TRUE  |
| Rpl7 | common | FALSE |
| Tada1 | common | FALSE |
| Hsf1 | common | TRUE  |
| Zfp35 | common | TRUE  |
| Zc3h15 | common | FALSE |
| Ube4b | common | FALSE |
| Rhno1 | common | FALSE |
| Osbpl11 | common | FALSE |
| Usb1 | common | FALSE |
| Rps11 | common | FALSE |
| G6pdx | common | FALSE |
| Tspan18 | common | FALSE |
| Bloc1s6 | common | FALSE |
| Arl5a | common | FALSE |
| Ccny | common | FALSE |
| Bzw2 | common | FALSE |
| Atoh8 | common | TRUE  |
| Nxf1 | common | FALSE |
| Ints6 | common | FALSE |
| Mplkip | common | FALSE |
| Ergic1 | common | FALSE |
Usp4 common FALSE
Rnf44 common FALSE
Fiz1 common TRUE
Msl2 common FALSE
Erbb2ip common FALSE
Igfbp4 common FALSE
Usp21 common FALSE
Lyplal1 common FALSE
Sh3kbp1 common FALSE
Fbxo22 common FALSE
Irf2bp1 common FALSE
Tgds common FALSE
Rad23a common FALSE
Bak1 common FALSE
Edc4 common FALSE
B4galt1 common FALSE
Odf2 common FALSE
Rassf7 common FALSE
Gramd3 common FALSE
Frmd8 common FALSE
Tfip11 common FALSE
Aagab common FALSE
Dnajc13 common FALSE
Hoxb5 common TRUE
Srgap2 common FALSE
Arhgap17 common FALSE
Adcy6 common FALSE
Aggf1 common TRUE
Rap2b common FALSE
Rad17 common FALSE
Clcn5 common FALSE
Aifm1 common FALSE
Polr3k common FALSE
Srsf9 common FALSE
Ppp2ca common FALSE
Rnf115 common FALSE
Ppig common FALSE
1110059E2 common FALSE
Ankle2 common FALSE
Yme1l1 common FALSE
Gm5801.1 common FALSE
Oma1 common FALSE
Nsmaf common FALSE
Dcaf17 common FALSE
Pusl1 common FALSE
Nqo2 common FALSE
Htra2 common FALSE
Bach2 common TRUE
Vps8 common FALSE
Igsf3 common FALSE
| Gene   | Common | Active |
|--------|--------|--------|
| Fam96a | common | FALSE  |
| Ints12 | common | FALSE  |
| Map3k7 | common | FALSE  |
| Gtpbp1 | common | TRUE   |
| Copb1  | common | FALSE  |
| Mrpl16 | common | FALSE  |
| Zfp277 | common | FALSE  |
| Rcor2  | common | FALSE  |
| Atf7ip | common | FALSE  |
| Hars   | common | FALSE  |
| Cbx3   | common | TRUE   |
| Cdc40  | common | FALSE  |
| Hscb   | common | FALSE  |
| Usp9x  | common | FALSE  |
| Trpm7  | common | FALSE  |
| Nfyc   | common | TRUE   |
| Pvrl2  | common | FALSE  |
| Tram1  | common | FALSE  |
| Tshz2  | common | FALSE  |
| Prpf6  | common | FALSE  |
| Dpp9   | common | FALSE  |
| Rnf130 | common | FALSE  |
| Gm5088 | common | FALSE  |
| Rad54i2| common | FALSE  |
| Fndc4  | common | FALSE  |
| Hvcn1  | common | FALSE  |
| Fbxo38 | common | FALSE  |
| Idh2   | common | FALSE  |
| Klh9   | common | FALSE  |
| Dbt    | common | FALSE  |
| Efna4  | common | FALSE  |
| Cecr5  | common | FALSE  |
| Adamts4| common | FALSE  |
| Cln5   | common | FALSE  |
| Gxylt1 | common | FALSE  |
| Tacc1  | common | FALSE  |
| B230219D2 | common | FALSE |
| Maea   | common | FALSE  |
| Cstf2t | common | FALSE  |
| Spsb1  | common | FALSE  |
| Abhd13 | common | FALSE  |
| Rxra   | common | TRUE   |
| Nacc2  | common | FALSE  |
| Traf7  | common | FALSE  |
| Scap8  | common | FALSE  |
| Sep-02 | common | FALSE  |
| Rprd1a | common | FALSE  |
| Ublcp1 | common | FALSE  |
| Afg3l1 | common | FALSE  |
| Pole3  | common | TRUE   |
| Gene      | Common | Value |
|-----------|--------|-------|
| MsI3      | common | FALSE |
| Creb1     | common | TRUE  |
| Mphosph6  | common | FALSE |
| 18100300C | common | FALSE |
| Kdm5c     | common | FALSE |
| Agpat5    | common | FALSE |
| Tpbg      | common | FALSE |
| Utp11l    | common | FALSE |
| Tlk2      | common | FALSE |
| 9430016H  | common | FALSE |
| Aasdhppt  | common | FALSE |
| Pgs1      | common | FALSE |
| Prkdc     | common | FALSE |
| Zbtb2     | common | TRUE  |
| Mrpl10    | common | FALSE |
| Prcp      | common | FALSE |
| Mgat2     | common | FALSE |
| Yes1      | common | FALSE |
| F2r       | common | FALSE |
| Dtx2      | common | FALSE |
| Rasa2     | common | FALSE |
| Ncaph2    | common | FALSE |
| Cul5      | common | FALSE |
| Camkk2    | common | FALSE |
| Ppp2r5e   | common | FALSE |
| Pik3r2    | common | FALSE |
| Tbc1d14   | common | FALSE |
| Cdk5rap2  | common | FALSE |
| Srsf11    | common | FALSE |
| Snx9      | common | FALSE |
| Ap3m1     | common | FALSE |
| Ireb2     | common | FALSE |
| Kctd5     | common | FALSE |
| Ddx6      | common | FALSE |
| Wipi2     | common | FALSE |
| Amer1     | common | FALSE |
| Exo5      | common | TRUE  |
| Rpl31     | common | FALSE |
| Cr1s1     | common | FALSE |
| Spr       | common | TRUE  |
| Hibadh    | common | FALSE |
| Sipa1     | common | FALSE |
| Gle1      | common | FALSE |
| Rpe       | common | FALSE |
| Akr7a5    | common | FALSE |
| Dock11    | common | FALSE |
| Zfp598    | common | TRUE  |
| Dab1      | common | FALSE |
| 2700049AC | common | FALSE |
| Prpf38b   | common | FALSE |
| Gene     | Variant | Status |
|----------|---------|--------|
| Gprc5b   | common  | FALSE  |
| Slc7a6os | common  | FALSE  |
| Gon4l    | common  | FALSE  |
| Fam219b  | common  | FALSE  |
| Mthfsd   | common  | FALSE  |
| Coq2     | common  | FALSE  |
| Ttc4     | common  | FALSE  |
| Pank4    | common  | FALSE  |
| Ipol13   | common  | FALSE  |
| Rpl17a   | common  | FALSE  |
| Dcps     | common  | FALSE  |
| Clip1    | common  | FALSE  |
| Ctage5   | common  | FALSE  |
| Mettl14  | common  | TRUE   |
| Cln6     | common  | FALSE  |
| Mmd      | common  | FALSE  |
| AnkrD52  | common  | FALSE  |
| Sap130   | common  | FALSE  |
| Rbm26    | common  | FALSE  |
| Dzip3    | common  | FALSE  |
| Zfp184   | common  | TRUE   |
| Stk11ip  | common  | FALSE  |
| Trp53bp1 | common  | FALSE  |
| Tceal8   | common  | FALSE  |
| Bag4     | common  | FALSE  |
| Rnps1    | common  | FALSE  |
| Poldip2  | common  | FALSE  |
| Rpl11    | common  | FALSE  |
| Poglut1  | common  | FALSE  |
| Rpl30.1  | common  | FALSE  |
| Dclre1a  | common  | FALSE  |
| Zeb2     | common  | TRUE   |
| Dcakd    | common  | FALSE  |
| Oxa1l    | common  | FALSE  |
| Smox     | common  | FALSE  |
| B4galt2  | common  | FALSE  |
| Mettl9   | common  | FALSE  |
| Dmap1    | common  | TRUE   |
| Rbm22    | common  | TRUE   |
| Fam168b  | common  | FALSE  |
| Glis2    | common  | TRUE   |
| Rbm45    | common  | FALSE  |
| Impa2    | common  | FALSE  |
| Tmem251  | common  | FALSE  |
| Silk     | common  | FALSE  |
| Mfge8    | common  | FALSE  |
| Timm44   | common  | TRUE   |
| Ptdss2   | common  | FALSE  |
| Sap30    | common  | TRUE   |
| Anapc4   | common  | FALSE  |
| Gene      | Status | Common | Value |
|-----------|--------|--------|-------|
| Aebp2     | TRUE   | common | FALSE |
| Fam86     | FALSE  | common | FALSE |
| Zfyve19   | FALSE  | common | FALSE |
| Sep-08    | FALSE  | common | FALSE |
| Hlcs      | TRUE   | common | FALSE |
| Gtf2h1    | FALSE  | common | FALSE |
| Guf1      | FALSE  | common | FALSE |
| Ascc2     | FALSE  | common | FALSE |
| Cmc2      | FALSE  | common | FALSE |
| Zfp553    | TRUE   | common | FALSE |
| Dcun1d1   | FALSE  | common | FALSE |
| Gm8615    | FALSE  | common | FALSE |
| Cdkn2aip  | FALSE  | common | FALSE |
| Sec24b    | FALSE  | common | FALSE |
| Asap1     | FALSE  | common | FALSE |
| Cep131    | FALSE  | common | FALSE |
| Slc35g1   | FALSE  | common | FALSE |
| Gtpbp3    | FALSE  | common | FALSE |
| Hadh      | FALSE  | common | FALSE |
| Ppm1d     | FALSE  | common | FALSE |
| Sart1     | FALSE  | common | FALSE |
| Zfp191    | FALSE  | common | FALSE |
| Gnai1     | FALSE  | common | FALSE |
| Hrsp12    | FALSE  | common | FALSE |
| Minpp1    | FALSE  | common | FALSE |
| BC017158  | FALSE  | common | FALSE |
| Armc1     | FALSE  | common | FALSE |
| Ttf1      | FALSE  | common | FALSE |
| Ap2a1     | FALSE  | common | FALSE |
| Iffo2     | FALSE  | common | FALSE |
| Nudt8     | FALSE  | common | FALSE |
| Pikfyve   | FALSE  | common | FALSE |
| Gpalpp1   | FALSE  | common | FALSE |
| Kansl3    | FALSE  | common | FALSE |
| Dtd2      | FALSE  | common | FALSE |
| Ncbp2     | TRUE   | common | FALSE |
| Gpkow     | FALSE  | common | FALSE |
| Ehd4      | FALSE  | common | FALSE |
| Cdk9      | FALSE  | common | FALSE |
| Pskh1     | FALSE  | common | FALSE |
| Ubap1     | FALSE  | common | FALSE |
| Mpi       | FALSE  | common | FALSE |
| Yaf2      | FALSE  | common | FALSE |
| Tmem18    | FALSE  | common | FALSE |
| Zik1      | TRUE   | common | FALSE |
| Frrs1     | FALSE  | common | FALSE |
| Peli1     | FALSE  | common | FALSE |
| Fmnl3     | FALSE  | common | FALSE |
| D8Ert82e  | FALSE  | common | FALSE |
| 4930453N2 | FALSE  | common | FALSE |
| Gene  | Type  | Value |
|-------|-------|-------|
| Hoxb4 | common | TRUE  |
| Tomm20| common | FALSE |
| Glod4 | common | FALSE |
| Mdfi  | common | FALSE |
| Gins4 | common | FALSE |
| 2210018M | common | FALSE |
| Rarb  | common | TRUE  |
| Vps54 | common | FALSE |
| Sphk2 | common | FALSE |
| Mrpl49| common | FALSE |
| Mlst8 | common | FALSE |
| Bloc1s5| common | FALSE |
| Gorasp1| common | FALSE |
| Nme2  | common | FALSE |
| Snx1  | common | FALSE |
| Plekhh2| common | FALSE |
| Mrpl39| common | FALSE |
| Cwc27 | common | FALSE |
| Birc6 | common | FALSE |
| Zfp746| common | TRUE  |
| Agpat6| common | FALSE |
| Gmeb1 | common | TRUE  |
| Pi4k2a| common | FALSE |
| Snora68| common | FALSE |
| Cog4  | common | FALSE |
| C330007P0 | common | FALSE |
| 1500012F0 | common | FALSE |
| E2f1  | common | TRUE  |
| Hjurp | common | FALSE |
| Myg1  | common | FALSE |
| Crot  | common | FALSE |
| Helz  | common | FALSE |
| 2810468N0 | common | FALSE |
| Zbtb17| common | TRUE  |
| Nemf  | common | FALSE |
| Kansl2| common | FALSE |
| Smarcal1| common | FALSE |
| Adam17| common | FALSE |
| Rab8b | common | FALSE |
| Med23 | common | FALSE |
| Ccdc132| common | FALSE |
| Mrpl2 | common | TRUE  |
| Ormdl2| common | FALSE |
| Taf8  | common | FALSE |
| Hsp90b1| common | FALSE |
| Rpp25l| common | FALSE |
| Prrc1 | common | FALSE |
| Prpf19| common | FALSE |
| Nckap1| common | FALSE |
| 4930452G1| common | FALSE |
| Gene     | Disease   | Common | Hallucinated |
|----------|-----------|--------|--------------|
| Slc25a3  | common    | FALSE  |              |
| Clcc1    | common    | FALSE  |              |
| Zc3h14   | common    | FALSE  |              |
| Impa1    | common    | FALSE  |              |
| Tdrd3    | common    | FALSE  |              |
| Mtor     | common    | FALSE  |              |
| Comm8    | common    | FALSE  |              |
| Nprl3    | common    | FALSE  |              |
| Cept1    | common    | FALSE  |              |
| Twf2     | common    | FALSE  |              |
| Lzts2    | common    | FALSE  |              |
| Rnf220   | common    | FALSE  |              |
| Mrpl35   | common    | FALSE  |              |
| Hiatl1   | common    | FALSE  |              |
| Tmem2    | common    | FALSE  |              |
| Mtpap    | common    | FALSE  |              |
| Bcor     | common    | FALSE  |              |
| Hddc2    | common    | FALSE  |              |
| Dnajc1   | common    | FALSE  |              |
| Asph     | common    | FALSE  |              |
| Rad21    | common    | TRUE   |              |
| Timm21   | common    | FALSE  |              |
| Ankhd1   | common    | FALSE  |              |
| Lrrc41   | common    | FALSE  |              |
| Gps1     | common    | FALSE  |              |
| Itsn1    | common    | FALSE  |              |
| Pgm3     | common    | FALSE  |              |
| Asap2    | common    | FALSE  |              |
| Zfml     | common    | FALSE  |              |
| Zfyve16  | common    | FALSE  |              |
| Cyba     | common    | FALSE  |              |
| Ppp1cc   | common    | FALSE  |              |
| Gpc1     | common    | FALSE  |              |
| Mtx1     | common    | FALSE  |              |
| Msantd2  | common    | FALSE  |              |
| Crocc    | common    | FALSE  |              |
| Ssbp1    | common    | FALSE  |              |
| BC030336 | common    | FALSE  |              |
| Mtx2     | common    | FALSE  |              |
| Mical3   | common    | FALSE  |              |
| Ccdc102a | common    | FALSE  |              |
| Rbm7     | common    | TRUE   |              |
| Spg11    | common    | FALSE  |              |
| Kat6a    | common    | FALSE  |              |
| Dyrk1a   | common    | FALSE  |              |
| Wwp2     | common    | FALSE  |              |
| Cisd2    | common    | FALSE  |              |
| Tln1     | common    | FALSE  |              |
| Atad2b   | common    | FALSE  |              |
| Pag1     | common    | FALSE  |              |
| Gene       | common | value |
|------------|--------|-------|
| Fam171a1   | common | FALSE |
| Preb       | common | FALSE |
| Sox5       | common | TRUE  |
| Gna13      | common | FALSE |
| Rbm34      | common | FALSE |
| Tbc1d15    | common | FALSE |
| Ip08       | common | FALSE |
| B630005N1  | common | FALSE |
| Mat2b      | common | FALSE |
| Atpaf1     | common | FALSE |
| Pik3r4     | common | FALSE |
| Smurf2     | common | FALSE |
| Tmem201    | common | FALSE |
| Trps1      | common | TRUE  |
| Zbtb26     | common | TRUE  |
| Rrp36      | common | FALSE |
| Lmtk2      | common | FALSE |
| Atp5a1     | common | FALSE |
| Tfg        | common | FALSE |
| Mcfd2      | common | FALSE |
| Cox11      | common | FALSE |
| Tsen34     | common | FALSE |
| Pnrc2      | common | FALSE |
| Ccnd3      | common | FALSE |
| Myc        | common | TRUE  |
| Mrpl37     | common | FALSE |
| Wdr45b     | common | FALSE |
| Sh3bp1     | common | FALSE |
| Acn9       | common | FALSE |
| Gpc6       | common | FALSE |
| Cdc123     | common | FALSE |
| Snupn      | common | FALSE |
| Rnf20      | common | FALSE |
| Haus8      | common | FALSE |
| Zfp219     | common | TRUE  |
| Hmgb1      | common | TRUE  |
| Adck5      | common | FALSE |
| Ret        | common | FALSE |
| Fbxo21     | common | FALSE |
| Clpx       | common | FALSE |
| 0610030E2  | common | FALSE |
| Miip       | common | FALSE |
| Ube2l3     | common | FALSE |
| Fra10ac1   | common | FALSE |
| Zfp318     | common | FALSE |
| Ccar2      | common | FALSE |
| Itprip     | common | FALSE |
| AU019823   | common | FALSE |
| Chtop      | common | FALSE |
| Arfgap2    | common | FALSE |
| Gene  | Type       | Value |
|-------|------------|-------|
| Hdac6 | common     | TRUE  |
| Oxsr1 | common     | FALSE |
| Tubgcp6 | common   | FALSE |
| Emc1  | common     | FALSE |
| D11Wsu47 | common | FALSE |
| Taf11 | common     | FALSE |
| Mterfd2 | common   | FALSE |
| Ep400 | common     | FALSE |
| Scube3 | common     | FALSE |
| Asb3  | common     | FALSE |
| Tor1aip1 | common | FALSE |
| Cccdc127 | common | FALSE |
| Macf1 | common     | FALSE |
| Slc35b4 | common   | FALSE |
| Gmpr2 | common     | FALSE |
| Mrpl9 | common     | FALSE |
| Mr1   | common     | FALSE |
| Psma6 | common     | TRUE  |
| Litaf | common     | FALSE |
| Zdhhc18 | common   | FALSE |
| Snrpe | common     | FALSE |
| Csl   | common     | FALSE |
| Sipa1l1 | common  | FALSE |
| Dhx30 | common     | FALSE |
| Hs1bp3 | common    | FALSE |
| Mapkap1 | common   | FALSE |
| Zfand5 | common     | FALSE |
| Lsm6  | common     | TRUE  |
| Six5  | common     | TRUE  |
| Rnf114 | common    | TRUE  |
| Nek9  | common     | FALSE |
| Pex2  | common     | FALSE |
| Ttpal | common     | FALSE |
| Golph3 | common    | FALSE |
| Tmem131 | common   | FALSE |
| Pml   | common     | TRUE  |
| Snx27 | common     | FALSE |
| Zfp609 | common    | FALSE |
| Map2k4 | common    | FALSE |
| Zfp488 | common    | FALSE |
| C430049BC | common | FALSE |
| Ganab | common     | FALSE |
| Copz1 | common     | FALSE |
| Zbed6 | common     | TRUE  |
| Brcc3 | common     | FALSE |
| Twf1  | common     | FALSE |
| Usp45 | common     | FALSE |
| Fam118b | common | FALSE |
| Palld | common     | FALSE |
| Tle3  | common     | FALSE |
| Mar-05 | common | FALSE |
|--------|---------|--------|
| Dxo    | common  | FALSE  |
| Smad5  | common  | TRUE   |
| Purb   | common  | FALSE  |
| Map2k1 | common  | FALSE  |
| Rcn2   | common  | FALSE  |
| Samm50 | common  | FALSE  |
| Dnajc19| common  | FALSE  |
| Phkb   | common  | FALSE  |
| Pofut1 | common  | FALSE  |
| Dpy30  | common  | FALSE  |
| Fbxo34 | common  | FALSE  |
| Eps15l1| common  | FALSE  |
| Xylt2  | common  | FALSE  |
| R3hcc1l| common  | FALSE  |
| 17000201l | common  | FALSE  |
| Atrip  | common  | FALSE  |
| Tceb3  | common  | FALSE  |
| Rpl29  | common  | FALSE  |
| Fam49a | common  | FALSE  |
| Mccc1  | common  | FALSE  |
| Tsc22d2| common  | FALSE  |
| Ap3b1  | common  | FALSE  |
| Cdk17  | common  | FALSE  |
| Kdelc2 | common  | FALSE  |
| Mb21d2 | common  | FALSE  |
| Sesn2  | common  | FALSE  |
| Zkscan8| common  | TRUE   |
| Pter   | common  | FALSE  |
| Wibg   | common  | FALSE  |
| Mmab   | common  | FALSE  |
| Dap3   | common  | FALSE  |
| Pgap2  | common  | FALSE  |
| Ints4  | common  | FALSE  |
| Scrib  | common  | FALSE  |
| Mtrf1l | common  | FALSE  |
| 2700029M| common  | FALSE  |
| Mrpl11 | common  | FALSE  |
| Pex6   | common  | FALSE  |
| Flnb   | common  | FALSE  |
| Vps4b  | common  | TRUE   |
| Wdr33  | common  | FALSE  |
| Gpatch2| common  | FALSE  |
| Glrx5  | common  | FALSE  |
| Tcea1  | common  | FALSE  |
| BC023829| common  | FALSE  |
| Csnk1g2| common  | FALSE  |
| Mrpl18 | common  | FALSE  |
| Cap1   | common  | FALSE  |
| Gnai3  | common  | FALSE  |
| Gene       | Category | Value |
|------------|----------|-------|
| Bola3      | common   | FALSE |
| Phactr4    | common   | FALSE |
| Fkbp10     | common   | FALSE |
| Pcdhgc3    | common   | FALSE |
| Sfxn5      | common   | FALSE |
| Hnrnpl     | common   | FALSE |
| Pros1      | common   | FALSE |
| Tubgcp5    | common   | FALSE |
| Thumpd2    | common   | FALSE |
| Slc25a36   | common   | FALSE |
| Invs       | common   | FALSE |
| Phf23      | common   | FALSE |
| Lats2      | common   | FALSE |
| H2afy3     | common   | FALSE |
| Aarsd1     | common   | FALSE |
| Mllt10     | common   | FALSE |
| Zfp871     | common   | FALSE |
| Xpnpep1    | common   | FALSE |
| Ndnl2      | common   | FALSE |
| Rnf169     | common   | FALSE |
| Mier2      | common   | FALSE |
| Kat8       | common   | FALSE |
| Slc25a10   | common   | FALSE |
| Nnt        | common   | TRUE  |
| Gm17066    | common   | FALSE |
| Erlin2     | common   | FALSE |
| Sec1411    | common   | FALSE |
| Ccdc22     | common   | FALSE |
| Pttg1      | common   | FALSE |
| Snn        | common   | FALSE |
| Mcts2      | common   | FALSE |
| Plekho2    | common   | FALSE |
| AU022252   | common   | FALSE |
| Copb2      | common   | FALSE |
| Pibf1      | common   | FALSE |
| Eif4e2     | common   | FALSE |
| Syngr2     | common   | FALSE |
| Prdm2      | common   | FALSE |
| Dis3l      | common   | FALSE |
| Zscan21    | common   | TRUE  |
| Pak2       | common   | FALSE |
| C2cd3      | common   | FALSE |
| Kdm3a      | common   | FALSE |
| Slmo2      | common   | FALSE |
| Plekhg3    | common   | FALSE |
| Rapgef1    | common   | FALSE |
| Pex13      | common   | FALSE |
| Slc38a1    | common   | FALSE |
| Cdc26      | common   | FALSE |
| Mbtd1      | common   | FALSE |
| Gene   | Type   | Value |
|--------|--------|-------|
| Tsta3  | common | FALSE |
| Exoc3  | common | FALSE |
| Ankr11 | common | FALSE |
| Pcbp2  | common | FALSE |
| Limd1  | common | FALSE |
| Rpl6   | common | TRUE  |
| Supt20 | common | TRUE  |
| Snx24  | common | FALSE |
| Kbtbd2 | common | FALSE |
| Rps6kb1| common | FALSE |
| Tcf19  | common | FALSE |
| Alg10b | common | FALSE |
| Rwdd1  | common | FALSE |
| Nlk    | common | FALSE |
| Zfp36l1| common | FALSE |
| Rnaseh2b| common | FALSE |
| Nfe2l1 | common | TRUE  |
| Zfp69  | common | TRUE  |
| Atf6b  | common | TRUE  |
| Gm1943 | common | FALSE |
| Mrpl36 | common | FALSE |
| Rab28  | common | FALSE |
| Trnau1ap| common | FALSE |
| Rpgripl| common | FALSE |
| 0610040J0| common | FALSE |
| Dgkz   | common | FALSE |
| Ap1b1  | common | FALSE |
| Zfp281 | common | TRUE  |
| Med7   | common | FALSE |
| Kctd3  | common | FALSE |
| Pced1a | common | FALSE |
| Ogfr   | common | FALSE |
| Mepce  | common | FALSE |
| Pcnp   | common | FALSE |
| Cdk5rap3| common | FALSE |
| Cnpe2  | common | FALSE |
| Krit1  | common | FALSE |
| Lphn2  | common | FALSE |
| Srp72  | common | FALSE |
| Wdr82  | common | FALSE |
| Fam173b| common | FALSE |
| Fam53c | common | FALSE |
| Zfp687 | common | TRUE  |
| Lpgat1 | common | FALSE |
| Garem  | common | FALSE |
| Plod2  | common | FALSE |
| Ehd1   | common | FALSE |
| Smyd2  | common | FALSE |
| Mbtps1 | common | FALSE |
| Ski    | common | FALSE |
| Gene   | Category | Status |
|--------|----------|--------|
| Pomt1  | common   | FALSE  |
| Ube3b  | common   | FALSE  |
| Tmed1  | common   | FALSE  |
| Fzd3   | common   | FALSE  |
| Mad2l1bp | common  | FALSE  |
| Frmd4a | common   | FALSE  |
| Rprd2  | common   | FALSE  |
| Traf3  | common   | FALSE  |
| Ppil4  | common   | FALSE  |
| Fbxo28 | common   | FALSE  |
| Psmc3  | common   | FALSE  |
| Zscan29| common   | TRUE   |
| Kbtbd4 | common   | FALSE  |
| Gng5   | common   | FALSE  |
| Arap1  | common   | FALSE  |
| Zfp330 | common   | FALSE  |
| Sh3tc2 | common   | FALSE  |
| Inppl1 | common   | FALSE  |
| Banp   | common   | TRUE   |
| Atg4c  | common   | FALSE  |
| Psph   | common   | FALSE  |
| Hoxd9  | common   | TRUE   |
| Rfxap  | common   | TRUE   |
| Auts2  | common   | FALSE  |
| Sec61a1| common   | FALSE  |
| Tor1b  | common   | FALSE  |
| Rell1  | common   | FALSE  |
| Lbh    | common   | FALSE  |
| P4hb   | common   | TRUE   |
| Nme1   | common   | TRUE   |
| Zfp384 | common   | FALSE  |
| Hnrnpa0| common   | TRUE   |
| Dhrs4  | common   | FALSE  |
| Tspan6 | common   | FALSE  |
| AWS549877 | common | FALSE |
| Prr14l | common   | FALSE  |
| Homer2 | common   | FALSE  |
| Cdr2l  | common   | FALSE  |
| Dgkd   | common   | FALSE  |
| Oser1  | common   | FALSE  |
| Gnpda1 | common   | FALSE  |
| Spata2 | common   | FALSE  |
| Ethe1  | common   | FALSE  |
| Cdc42se1 | common | FALSE |
| Ylpm1  | common   | FALSE  |
| Npl    | common   | FALSE  |
| M6pr   | common   | FALSE  |
| Ptpn13 | common   | FALSE  |
| Zfp111 | common   | TRUE   |
| Angel2 | common   | FALSE  |
| Gene   | Common | Value  |
|--------|--------|--------|
| Speccl | common | FALSE  |
| Zfp692 | common | TRUE   |
| Smc1a  | common | FALSE  |
| Pogz   | common | FALSE  |
| Trim33 | common | TRUE   |
| Ncoa3  | common | FALSE  |
| Prdx3  | common | FALSE  |
| Mrpl22 | common | FALSE  |
| Slc30a6| common | FALSE  |
| Vars2  | common | FALSE  |
| Ndufs2 | common | FALSE  |
| Snrpa  | common | FALSE  |
| Crtc2  | common | TRUE   |
| Nelfb  | common | TRUE   |
| Pdcl   | common | FALSE  |
| Lhfpl2 | common | FALSE  |
| Meaf6  | common | FALSE  |
| Lpp    | common | FALSE  |
| Hectd1 | common | FALSE  |
| Ankrd28| common | FALSE  |
| Vps26a | common | FALSE  |
| Bambi  | common | FALSE  |
| Sugt1  | common | FALSE  |
| Mar-07 | common | FALSE  |
| Naa60  | common | FALSE  |
| Ube2q1 | common | FALSE  |
| Rbm33  | common | FALSE  |
| Dmtf1  | common | FALSE  |
| Tm9sf2 | common | FALSE  |
| Sumo1  | common | FALSE  |
| Ankrd10| common | FALSE  |
| Rpl8   | common | FALSE  |
| Med19  | common | FALSE  |
| Psma4  | common | FALSE  |
| Setd1a | common | FALSE  |
| Dcun1d5| common | FALSE  |
| Zfp212 | common | TRUE   |
| Zfp639 | common | TRUE   |
| Ncoa5  | common | FALSE  |
| Sh3gl1 | common | FALSE  |
| Gskip  | common | FALSE  |
| Igf2r  | common | FALSE  |
| Slc35c2| common | FALSE  |
| Phf12  | common | FALSE  |
| Ccdc61 | common | FALSE  |
| Smad4  | common | TRUE   |
| Snrnp48| common | FALSE  |
| Taf10  | common | FALSE  |
| Ptpn11 | common | FALSE  |
| Hnrnpul2| common | FALSE |
| Gene   | Type  | Status |
|--------|-------|--------|
| Top3b  | common| FALSE  |
| Fgfr1op2| common| FALSE  |
| Fam175b| common| FALSE  |
| Cd2bp2 | common| FALSE  |
| Rspry1 | common| FALSE  |
| Gsr    | common| FALSE  |
| Rhbdf1 | common| FALSE  |
| Ubl3   | common| FALSE  |
| Egln1  | common| FALSE  |
| Vdac3  | common| FALSE  |
| Btf3   | common| FALSE  |
| Setd2  | common| FALSE  |
| H19    | common| FALSE  |
| Mbd1   | common| TRUE   |
| Brd3   | common| FALSE  |
| Gm53   | common| FALSE  |
| Rgl1   | common| FALSE  |
| Samd4b | common| FALSE  |
| Dusp22 | common| TRUE   |
| Acp6   | common| FALSE  |
| Mgst1  | common| FALSE  |
| 5430416N0 | common| FALSE  |
| Csrnp2 | common| FALSE  |
| Usp34  | common| FALSE  |
| Rps19bp1| common| FALSE  |
| Fntb   | common| FALSE  |
| Gm5434 | common| FALSE  |
| Lis    | common| FALSE  |
| Rbbp6  | common| FALSE  |
| Zfp354c| common| TRUE   |
| Rnf185 | common| FALSE  |
| Ogg1   | common| FALSE  |
| Zmym4  | common| FALSE  |
| Clpb   | common| FALSE  |
| Tiam1  | common| FALSE  |
| Mrpl13 | common| FALSE  |
| Atxn1l | common| FALSE  |
| Serpinh1| common| FALSE  |
| Acap2  | common| FALSE  |
| Zmym2  | common| FALSE  |
| Zfp740 | common| TRUE   |
| Rps8   | common| FALSE  |
| Midn   | common| FALSE  |
| Brpf3  | common| FALSE  |
| Dcaf12 | common| FALSE  |
| Hax1   | common| FALSE  |
| Abhd17a| common| FALSE  |
| Gldc   | common| FALSE  |
| Dnm1l  | common| FALSE  |
| Rtn    | common| FALSE  |
| Gene   | Type  | Value |
|--------|-------|-------|
| Cfdp1  | common| FALSE |
| Ahcyl1 | common| FALSE |
| Fbxw11 | common| FALSE |
| B4galt7| common| FALSE |
| Stlm   | common| FALSE |
| Nr2c1  | common| TRUE  |
| Upf2   | common| FALSE |
| Chst11 | common| FALSE |
| Ggta1  | common| FALSE |
| Mterfd1| common| FALSE |
| Ubac2  | common| FALSE |
| Sec24c | common| FALSE |
| Mtmr12 | common| FALSE |
| Moxd1  | common| FALSE |
| Uros   | common| FALSE |
| Ttc21b | common| FALSE |
| Rfwd2  | common| FALSE |
| Trim7  | common| FALSE |
| Nsd1   | common| FALSE |
| Clk2   | common| FALSE |
| Pex14  | common| FALSE |
| Mfsd5  | common| FALSE |
| Pnkp   | common| FALSE |
| Hoxa2  | common| TRUE  |
| Rbm12b2| common| FALSE |
| 1110037F0 | common | FALSE |
| Tmem126a | common | FALSE |
| Kdm5a  | common| TRUE  |
| Rmnd5a | common| FALSE |
| Lage3  | common| FALSE |
| Pcgf2  | common| FALSE |
| Sf3b2  | common| FALSE |
| Rfk    | common| FALSE |
| Stk38  | common| FALSE |
| 4930594C1 | common | FALSE |
| Nsmce2 | common| FALSE |
| Ctnnd1 | common| FALSE |
| Arfrp1 | common| FALSE |
| Necap2 | common| FALSE |
| Chd8   | common| FALSE |
| Fbf1   | common| FALSE |
| Gtf2f1 | common| TRUE  |
| Coa4   | common| FALSE |
| Rac1   | common| FALSE |
| 2310003HC | common | FALSE |
| Id2    | common| TRUE  |
| Rrbp1  | common| FALSE |
| Scyl3  | common| FALSE |
| Mcl1   | common| FALSE |
| Fkbp9  | common| FALSE |
| Gene      | Category | Status |
|-----------|----------|--------|
| Gigyf2    | common   | FALSE  |
| Coq6      | common   | FALSE  |
| Atxn2     | common   | FALSE  |
| Hoxa4     | common   | TRUE   |
| Gm5512.1  | common   | FALSE  |
| Ssh1      | common   | FALSE  |
| Chst3     | common   | FALSE  |
| Xpc       | common   | FALSE  |
| Tmem231   | common   | FALSE  |
| Akt2      | common   | FALSE  |
| Slc35e2   | common   | FALSE  |
| Dil2      | common   | TRUE   |
| Mysm1     | common   | FALSE  |
| 2410002F2 | common   | FALSE  |
| Wdfy1     | common   | FALSE  |
| Phf20     | common   | FALSE  |
| Shprh     | common   | FALSE  |
| Echdc1    | common   | FALSE  |
| Cog8      | common   | FALSE  |
| Dnajb12   | common   | FALSE  |
| Wnk4      | common   | FALSE  |
| Rft1      | common   | FALSE  |
| Ewsr1     | common   | TRUE   |
| Gid8      | common   | FALSE  |
| Smim13    | common   | FALSE  |
| Med20     | common   | FALSE  |
| Rplp1     | common   | FALSE  |
| Apopt1    | common   | FALSE  |
| Bcl9      | common   | FALSE  |
| Peak1     | common   | FALSE  |
| Insc      | common   | FALSE  |
| Sepp1     | common   | FALSE  |
| Mettl10   | common   | FALSE  |
| Srprb     | common   | FALSE  |
| Dcaf10    | common   | FALSE  |
| Ap3s2     | common   | FALSE  |
| Mtdh      | common   | FALSE  |
| Naa35     | common   | FALSE  |
| 0610009O12| common   | FALSE  |
| Zfp36l2   | common   | FALSE  |
| Ephb2     | common   | FALSE  |
| Uba1      | common   | FALSE  |
| Eefsec    | common   | FALSE  |
| Igbp1     | common   | FALSE  |
| Micu2     | common   | FALSE  |
| Brd1      | common   | FALSE  |
| Npepps    | common   | FALSE  |
| Dgcr14    | common   | FALSE  |
| Man1b1    | common   | FALSE  |
| Strn      | common   | FALSE  |
| Gene   | Type | Status |
|--------|------|--------|
| Cdk10  | common | FALSE  |
| Otud7b | common | FALSE  |
| D3Ertd254r | common | TRUE  |
| Pts    | common | FALSE  |
| Fggy   | common | FALSE  |
| Rnf121 | common | FALSE  |
| Chd4   | common | FALSE  |
| BC003965 | common | FALSE  |
| Tmed7  | common | FALSE  |
| Rxrb   | common | TRUE   |
| Xndc1  | common | FALSE  |
| Lepre1 | common | FALSE  |
| Fbxl5  | common | FALSE  |
| Lrrc42 | common | FALSE  |
| Polg   | common | FALSE  |
| Arfip1 | common | FALSE  |
| Gusb   | common | FALSE  |
| Efs    | common | FALSE  |
| Ddx50  | common | FALSE  |
| Depdc5 | common | FALSE  |
| Med24  | common | FALSE  |
| Tmem138 | common | FALSE  |
| 2810055G2 | common | FALSE  |
| Tssc4  | common | FALSE  |
| Rasa1  | common | FALSE  |
| Arnt   | common | TRUE   |
| Fzr1   | common | FALSE  |
| Gtf2ird1 | common | TRUE  |
| Cnpy4  | common | FALSE  |
| Mkl2   | common | FALSE  |
| Tbc1d7 | common | FALSE  |
| Setd5  | common | FALSE  |
| H2afy  | common | TRUE   |
| 4933426M | common | FALSE  |
| Bag5   | common | FALSE  |
| Grlx3  | common | FALSE  |
| Sdhd   | common | FALSE  |
| Cchcr1 | common | FALSE  |
| Ndufab1 | common | FALSE  |
| Mtmr10 | common | FALSE  |
| 583041711l | common | FALSE  |
| Gcdh   | common | FALSE  |
| Scarb1 | common | FALSE  |
| Slc39a9 | common | FALSE  |
| Ttc13  | common | FALSE  |
| Snrpf  | common | FALSE  |
| Herpud2 | common | FALSE  |
| Stim2  | common | FALSE  |
| Cxxc5  | common | FALSE  |
| Gene      | Type  | Status |
|-----------|-------|--------|
| Nckap5l   | common| FALSE  |
| Trappc12  | common| FALSE  |
| Xiap      | common| FALSE  |
| Fbxo11    | common| FALSE  |
| Raph1     | common| FALSE  |
| Fbxl12    | common| FALSE  |
| Magohb    | common| FALSE  |
| Fam76b    | common| FALSE  |
| Lrp5      | common| FALSE  |
| Fam120a   | common| FALSE  |
| Tmem29    | common| FALSE  |
| Arhgef25  | common| FALSE  |
| Trappc5   | common| FALSE  |
| Tmem106c  | common| FALSE  |
| 0610010K1 | common| FALSE  |
| Vps16     | common| FALSE  |
| Snapc2    | common| FALSE  |
| Rad52     | common| FALSE  |
| Irak1     | common| FALSE  |
| Arap3     | common| FALSE  |
| Zfp362    | common| TRUE   |
| Men1      | common| FALSE  |
| Gm6548    | common| FALSE  |
| Rnf139    | common| FALSE  |
| Zfp617    | common| FALSE  |
| Zfp768    | common| TRUE   |
| Ncoa6     | common| FALSE  |
| Dak       | common| FALSE  |
| 2210016F1 | common| FALSE  |
| Galc      | common| FALSE  |
| Loxl3     | common| FALSE  |
| Arih1     | common| FALSE  |
| N6amt2    | common| FALSE  |
| Apip      | common| FALSE  |
| Gtf3c1    | common| FALSE  |
| Ryk       | common| FALSE  |
| Vcl       | common| FALSE  |
| Rpl18     | common| FALSE  |
| Rassf1    | common| FALSE  |
| Magt1     | common| FALSE  |
| R3hdm1    | common| FALSE  |
| Rpl17     | common| FALSE  |
| Phc2      | common| FALSE  |
| Supt6     | common| FALSE  |
| Tox4      | common| FALSE  |
| Zcchc11   | common| FALSE  |
| Eny2      | common| FALSE  |
| Wtap      | common| FALSE  |
| Rnf111    | common| FALSE  |
| Zfp410    | common| TRUE   |
| Gene  | Type   | Value |
|-------|--------|-------|
| Nrd1  | common | FALSE |
| Dcaf8 | common | FALSE |
| Slc7a6| common | FALSE |
| Plin3 | common | FALSE |
| Copg2 | common | FALSE |
| Lta4h | common | FALSE |
| Mrgbp | common | FALSE |
| Zdhhc20| common | FALSE |
| Ankrd17| common | FALSE |
| Cdk11b| common | FALSE |
| Rps4x | common | TRUE  |
| Arid1a| common | FALSE |
| Eif4ebp3| common | FALSE |
| Mrpl17| common | FALSE |
| Mms19 | common | FALSE |
| Map2k5| common | FALSE |
| Trmt1l| common | FALSE |
| Hnmpa3| common | FALSE |
| Lmf1  | common | FALSE |
| Sec16a| common | FALSE |
| Apba3 | common | FALSE |
| Extl2 | common | FALSE |
| Zfp780b| common | TRUE  |
| Cab39 | common | FALSE |
| Sorbs3| common | FALSE |
| Paip2b| common | FALSE |
| Zbed3 | common | FALSE |
| Rpl14-ps1| common | FALSE |
| Fam92a| common | FALSE |
| Kansl1| common | FALSE |
| Cyp20a1| common | FALSE |
| Ccdc9 | common | FALSE |
| Rtca  | common | FALSE |
| Pip5k1a| common | FALSE |
| Babam1| common | FALSE |
| Rnf216| common | FALSE |
| Mark3 | common | FALSE |
| Hmox2 | common | FALSE |
| Dlg3  | common | FALSE |
| Cul7  | common | FALSE |
| Trip12| common | FALSE |
| Zfp91 | common | TRUE  |
| Rab3ip| common | FALSE |
| Trove2| common | TRUE  |
| Ube2d2a| common | FALSE |
| Pmpcb | common | FALSE |
| Zfp426| common | TRUE  |
| Ube2d2a| common | FALSE |
| ArmC5 | common | FALSE |
| Gene   | Status | Description |
|--------|--------|-------------|
| Plekhh1 | common | FALSE       |
| Phtf1   | common | TRUE        |
| A830082K1 | common | FALSE      |
| Kdm3b   | common | FALSE       |
| Ammecr1l | common | FALSE      |
| Did1    | common | FALSE       |
| Phf14   | common | FALSE       |
| Krcc1   | common | FALSE       |
| Fam73b  | common | FALSE       |
| Tmem263 | common | FALSE       |
| Pdia6   | common | FALSE       |
| Capza2  | common | FALSE       |
| Ciz1    | common | FALSE       |
| Dot1l   | common | FALSE       |
| Tmem68  | common | FALSE       |
| Pias2   | common | FALSE       |
| Scyl1   | common | FALSE       |
| Soc5    | common | FALSE       |
| 1700123O2 | common | FALSE    |
| Fbln2   | common | FALSE       |
| Ccnc    | common | FALSE       |
| Rpl14   | common | FALSE       |
| Tfdp2   | common | TRUE        |
| Scfd1   | common | FALSE       |
| Brwd1   | common | FALSE       |
| Fam109a | common | FALSE       |
| Ambra1  | common | FALSE       |
| Rad51b  | common | FALSE       |
| Cpd     | common | FALSE       |
| Mmadhc  | common | FALSE       |
| Slc45a4 | common | FALSE       |
| Cnp     | common | FALSE       |
| Caskin2 | common | FALSE       |
| Vopp1   | common | FALSE       |
| Slc30a7 | common | FALSE       |
| Zfp618  | common | FALSE       |
| Rhod    | common | FALSE       |
| Ubr1    | common | FALSE       |
| Sdc3    | common | FALSE       |
| Ccdc50  | common | FALSE       |
| Sup5    | common | FALSE       |
| Ubr2    | common | FALSE       |
| Phxr4   | common | FALSE       |
| Zfp608  | common | FALSE       |
| Nit1    | common | FALSE       |
| Jag1    | common | FALSE       |
| Abi1    | common | FALSE       |
| Tmem260 | common | FALSE       |
| Med12   | common | FALSE       |
| Cc2d1b  | common | FALSE       |
| Gene   | Common | Valid |
|--------|--------|-------|
| Chuk   | common | FALSE |
| Pign   | common | FALSE |
| Haus7  | common | FALSE |
| Suco   | common | FALSE |
| Hmces  | common | FALSE |
| Pkd2   | common | FALSE |
| Pofut2 | common | FALSE |
| Tnfaip1| common | FALSE |
| Phip   | common | FALSE |
| Fam58b | common | FALSE |
| Malsu1 | common | FALSE |
| Sbno1  | common | FALSE |
| Luc7l  | common | FALSE |
| Vrk3   | common | FALSE |
| Tial1  | common | FALSE |
| Mkks   | common | FALSE |
| Ppip5k2| common | FALSE |
| Ppp2r3c| common | FALSE |
| Cdon   | common | FALSE |
| Ppifos | common | FALSE |
| Pigh   | common | FALSE |
| Hist1h4i| common | FALSE |
| Gatad2b| common | FALSE |
| Rps3   | common | FALSE |
| Nudt14 | common | FALSE |
| Tpst2  | common | FALSE |
| Ube2j2 | common | FALSE |
| Sh3bgirl| common | FALSE |
| Smarce1| common | FALSE |
| Mboat7 | common | FALSE |
| Zfp397 | common | TRUE  |
| Exosc4 | common | FALSE |
| Ighmbp2| common | FALSE |
| Uggt2  | common | FALSE |
| 1700021F0| common | FALSE |
| Terf2  | common | TRUE  |
| Stxbp2 | common | FALSE |
| Etl4   | common | FALSE |
| Ppp1ca | common | FALSE |
| Mfsd10 | common | FALSE |
| 1810013L2| common | FALSE |
| Ppcs   | common | FALSE |
| Pcnxl3 | common | FALSE |
| Mapkapk5| common | FALSE |
| Aaed1  | common | FALSE |
| Lsm14b | common | FALSE |
| Chid1  | common | FALSE |
| Mrpl42 | common | FALSE |
| Wbp1l  | common | FALSE |
| Cpsf7  | common | FALSE |
| Gene   | Category | Status  |
|--------|----------|---------|
| Htatsf1| common   | FALSE   |
| Pyurf  | common   | FALSE   |
| Cdk13  | common   | FALSE   |
| Rpl22l1| common   | FALSE   |
| Cmtm5  | common   | FALSE   |
| Trim24 | common   | TRUE    |
| Prorsd1| common   | FALSE   |
| Natd1  | common   | FALSE   |
| Camk2b | common   | FALSE   |
| Smarca4| common   | TRUE    |
| Acy3   | common   | FALSE   |
| Klhl26 | common   | FALSE   |
| Tmem185b| common  | FALSE   |
| 2610020H0| common | FALSE   |
| Fto    | common   | FALSE   |
| Fam73a | common   | FALSE   |
| Map4k4 | common   | FALSE   |
| Srek1  | common   | FALSE   |
| Plod1  | common   | FALSE   |
| Zfp157 | common   | FALSE   |
| Map3k1 | common   | FALSE   |
| Zc3h13 | common   | FALSE   |
| Pdia4  | common   | FALSE   |
| Arpc1b | common   | FALSE   |
| Pisd   | common   | FALSE   |
| Cramp1l| common   | FALSE   |
| Smtn   | common   | FALSE   |
| 0610007P1| common | FALSE   |
| St6galnac3| common | FALSE   |
| Snx19  | common   | FALSE   |
| Tmem161a| common | FALSE   |
| Atmin  | common   | FALSE   |
| Ppp1r18| common   | FALSE   |
| Ywhae  | common   | TRUE    |
| Slc26a2| common   | FALSE   |
| Lnx2   | common   | FALSE   |
| 1810026J2| common | FALSE   |
| Akirin2| common   | FALSE   |
| Armc10 | common   | FALSE   |
| Zbtb34 | common   | TRUE    |
| Cnnm3  | common   | FALSE   |
| Coasy  | common   | FALSE   |
| Lrfn4  | common   | FALSE   |
| Ccdc71 | common   | FALSE   |
| Shoc2  | common   | FALSE   |
| Aamp   | common   | FALSE   |
| Myl12a | common   | FALSE   |
| Hmgcl  | common   | FALSE   |
| Ccdc66 | common   | FALSE   |
| Rock2  | common   | FALSE   |
| Gene  | Type  | Value |
|-------|-------|-------|
| Snx4  | common | FALSE |
| Abcb8 | common | FALSE |
| Slc37a3| common | FALSE |
| Zfp445| common | TRUE  |
| Bach1 | common | TRUE  |
| Zfp326| common | TRUE  |
| Fcf1  | common | FALSE |
| Fyttd1| common | FALSE |
| Zbtb18| common | TRUE  |
| 2500004C0| common | FALSE |
| Ndufv1| common | FALSE |
| Uck1  | common | FALSE |
| Mrpl28| common | FALSE |
| Cxxc1 | common | TRUE  |
| Btbd3 | common | FALSE |
| Pygo2 | common | FALSE |
| Stk11 | common | FALSE |
| Rexo1 | common | FALSE |
| Ift140| common | FALSE |
| Rpl23 | common | FALSE |
| Med29 | common | FALSE |
| Itfg3 | common | FALSE |
| Znrd1 | common | FALSE |
| Zgpat | common | FALSE |
| Tm9sf4| common | FALSE |
| Nans  | common | FALSE |
| Cep164 | common | FALSE |
| Bub3  | common | FALSE |
| Tab1  | common | FALSE |
| Ccnyl1 | common | FALSE |
| Trip4 | common | FALSE |
| Ttc1  | common | FALSE |
| Entpd7| common | FALSE |
| Zfp771| common | TRUE  |
| Pomk  | common | FALSE |
| Sumf2 | common | FALSE |
| Senp6 | common | FALSE |
| Spata6| common | FALSE |
| Mgat1 | common | FALSE |
| G6pd2 | common | FALSE |
| Bphl  | common | FALSE |
| Dennd6a| common | FALSE |
| D17H6533| common | FALSE |
| Tmem168| common | FALSE |
| Src   | common | FALSE |
| Kbtbd11| common | FALSE |
| Kazn  | common | FALSE |
| Lima1 | common | FALSE |
| Fndc3a| common | FALSE |
| Pkig  | common | FALSE |
| Gene Symbol | Gene Name | Common | Value |
|-------------|-----------|--------|-------|
| Myo1b | Myosin 1b | common | FALSE |
| Ccdc55 | C-terminal CDRH3 Doublecortin homolog 55 | common | FALSE |
| Tor1aip2 | Tor1a interacting protein 2 | common | FALSE |
| Epb4.1l2 | Ectodomain phosphorylation site containing 4.1l2 | common | FALSE |
| Mtif2 | Mitotic transmission inhibitor 2 | common | FALSE |
| Cdk2ap1 | Cdk2 activating peptide 1 | common | TRUE |
| Ube2z | Ubiquitin-conjugating enzyme E2Z | common | FALSE |
| Sdsl | Sd transducer domain like | common | FALSE |
| 4933411K2 | 4933411K2 | common | FALSE |
| Tbc1d2b | TBC1 domain family, member 2b | common | FALSE |
| Efca14 | EF-hand Ca+ binding domain containing 14 | common | FALSE |
| Synm | Synapsin | common | FALSE |
| Hivep1 | Hivemap 1 | common | TRUE |
| 2610301B2 | 2610301B2 | common | FALSE |
| Rbpj | Rbpj | common | TRUE |
| Rgp1 | Rgp1 | common | FALSE |
| Vps72 | VPS72 | common | TRUE |
| Mtch2 | Mountcastle 2 | common | FALSE |
| Rpl10a | Ribosomal protein L10a | common | FALSE |
| Tmem184b | Tmem184b | common | FALSE |
| Inpp5b | Inositol 5-phosphatase 5b | common | FALSE |
| Gclm | GCLM | common | FALSE |
| Cbfb | CBFB | common | TRUE |
| Fbxo46 | FBXO46 | common | FALSE |
| Prr3 | PRR3 | common | FALSE |
| Vmp1 | VMP1 | common | FALSE |
| Ngdn | NGDN | common | FALSE |
| Nipbl | NIPBL | common | FALSE |
| Psmf1 | PSMF1 | common | FALSE |
| Map3k3 | MAP3K3 | common | FALSE |
| Col18a1 | COL18A1 | common | FALSE |
| Top2b | Topoisomerase 2, beta | common | FALSE |
| Fuk | Fukutin | common | FALSE |
| Rhoq | RHOQ | common | FALSE |
| Zfat | ZFAT | common | FALSE |
| Cog6 | Cog6 | common | FALSE |
| 2410006H1 | 2410006H1 | common | FALSE |
| Epm2aip1 | EPM2AIP1 | common | FALSE |
| Zcchc9 | ZCCHC9 | common | FALSE |
| Klh5 | KLH5 | common | FALSE |
| Sptlc1 | SPTLC1 | common | FALSE |
| Snrpg | SNRPG | common | FALSE |
| Trpv4 | TRPV4 | common | FALSE |
| B4galt6 | B4GALT6 | common | FALSE |
| C030046E1 | C030046E1 | common | FALSE |
| Nfat5 | NFAT5 | common | TRUE |
| Tab2 | TAB2 | common | FALSE |
| Dmxi1 | DMX1L1 | common | FALSE |
| Fam3c | FAM3C | common | FALSE |
| Pdcd2l | PDCD2L | common | FALSE |
| Gene   | Type  | Status |
|--------|-------|--------|
| Wrn    | common | FALSE  |
| Fam133b| common | FALSE  |
| Srek1ip1| common | FALSE  |
| N4bp2l2| common | FALSE  |
| Filip1l| common | FALSE  |
| Arf3   | common | FALSE  |
| Mynn   | common | TRUE   |
| Zfp160 | common | TRUE   |
| Tbc1d16| common | FALSE  |
| Ndor1  | common | FALSE  |
| Gorasp2| common | FALSE  |
| Wasl   | common | FALSE  |
| Rps25  | common | FALSE  |
| Cd302  | common | FALSE  |
| Akap13 | common | FALSE  |
| Pex19  | common | FALSE  |
| Tab3   | common | FALSE  |
| Git1   | common | FALSE  |
| Cdc5l  | common | TRUE   |
| Scamp4 | common | FALSE  |
| Prkd1  | common | FALSE  |
| Ube2m  | common | FALSE  |
| Rtkn   | common | FALSE  |
| Man2c1 | common | FALSE  |
| If52   | common | FALSE  |
| Kremen1| common | FALSE  |
| Tmem33 | common | TRUE   |
| Ppp1r16b| common | FALSE  |
| Slc26a11| common | FALSE  |
| Trim26 | common | FALSE  |
| Med15  | common | FALSE  |
| Nfkb1  | common | TRUE   |
| Mir7090| common | FALSE  |
| Tstd3  | common | FALSE  |
| Gna12  | common | FALSE  |
| Camkv  | common | FALSE  |
| Apool  | common | FALSE  |
| Rpl36a | common | FALSE  |
| Snx2   | common | FALSE  |
| Nlgn3  | common | FALSE  |
| Nudt9  | common | FALSE  |
| Ctsk   | common | FALSE  |
| Mast2  | common | FALSE  |
| Mcu    | common | FALSE  |
| Mrpl4  | common | FALSE  |
| Ilkap  | common | FALSE  |
| Cnot6  | common | TRUE   |
| Tpm3   | common | FALSE  |
| Lacc1  | common | FALSE  |
| Tmem101| common | FALSE  |
| Gene   | Type  | Status |
|--------|-------|--------|
| Jam3   | common| FALSE  |
| Snx10  | common| FALSE  |
| Snx6   | common| FALSE  |
| Safb2  | common| FALSE  |
| Hilpda | common| FALSE  |
| Paxbp1 | common| FALSE  |
| Pigu   | common| FALSE  |
| Rarg   | common| TRUE   |
| Wiz    | common| FALSE  |
| Srrd   | common| FALSE  |
| Golim4 | common| FALSE  |
| Gyg    | common| FALSE  |
| Asb7   | common| FALSE  |
| Sgsh   | common| FALSE  |
| Ccdc59 | common| FALSE  |
| Zfp606 | common| TRUE   |
| Ikbkg  | common| FALSE  |
| Naa20  | common| FALSE  |
| Gatad1 | common| FALSE  |
| AI846148 | common| FALSE |
| Impad1 | common| FALSE  |
| Ccni   | common| FALSE  |
| Dolk   | common| FALSE  |
| Peg3   | common| TRUE   |
| Srp19  | common| FALSE  |
| Hoxd8  | common| TRUE   |
| Fam179b| common| FALSE  |
| Chchd5 | common| FALSE  |
| Ppic   | common| FALSE  |
| Acads  | common| FALSE  |
| 4931406C0 | common| FALSE |
| Mtcp1  | common| FALSE  |
| Ing1   | common| FALSE  |
| Zfp62  | common| TRUE   |
| Fundc1 | common| FALSE  |
| Ptpn12 | common| FALSE  |
| Gypc   | common| FALSE  |
| Anapc10| common| FALSE  |
| Efr3a  | common| FALSE  |
| Gm10069| common| FALSE  |
| Pan2   | common| FALSE  |
| Frs2   | common| FALSE  |
| Ptx3   | common| FALSE  |
| Calu   | common| FALSE  |
| Tiprl  | common| FALSE  |
| Bet1   | common| FALSE  |
| Cant1  | common| FALSE  |
| Pla2g6 | common| FALSE  |
| Gpatch8| common| FALSE  |
| Zfhx4  | common| FALSE  |
| Gene   | Category | Value |
|--------|----------|-------|
| Abracl | common   | FALSE |
| Egflam | common   | FALSE |
| 4933407K1 | common  | FALSE |
| Cog3   | common   | FALSE |
| Skil   | common   | FALSE |
| Ythdc1 | common   | FALSE |
| Rps5   | common   | FALSE |
| Abcf3  | common   | FALSE |
| Usf2   | common   | TRUE  |
| Pcyox1l| common   | FALSE |
| Slc12a2| common   | FALSE |
| Lman2  | common   | FALSE |
| Ubr3   | common   | FALSE |
| Dnttip1| common   | TRUE  |
| Morc4  | common   | FALSE |
| Sugp1  | common   | FALSE |
| Pard3  | common   | FALSE |
| Zfyve26| common   | FALSE |
| Prex1  | common   | FALSE |
| Upf3b  | common   | FALSE |
| Ehd3   | common   | FALSE |
| Asrgl1 | common   | FALSE |
| Dgcr2  | common   | FALSE |
| Phc1   | common   | FALSE |
| Rap1b  | common   | FALSE |
| Mag1   | common   | FALSE |
| Med21  | common   | FALSE |
| Chmp6  | common   | FALSE |
| Actr2  | common   | FALSE |
| Fbxl15 | common   | FALSE |
| Bre    | common   | FALSE |
| Tceb1  | common   | FALSE |
| Hsd17b12| common  | FALSE |
| Ubl4   | common   | FALSE |
| Ube2q2 | common   | FALSE |
| Plekho1| common   | FALSE |
| Rps20  | common   | FALSE |
| Ghr    | common   | FALSE |
| Mfap1a | common   | FALSE |
| Map4k3 | common   | FALSE |
| Rcor1  | common   | TRUE  |
| Zcchc17| common   | TRUE  |
| Rab9   | common   | FALSE |
| Cry2   | common   | FALSE |
| Wnk1   | common   | FALSE |
| Slc25a24| common  | FALSE |
| Edem3  | common   | FALSE |
| Elf2   | common   | TRUE  |
| Hhat   | common   | TRUE  |
| Skiv2l | common   | FALSE |
| Gene          | Status  | Value |
|--------------|---------|-------|
| Rilpl2       | common  | FALSE |
| Wac          | common  | FALSE |
| Myo5a        | common  | FALSE |
| Kxd1         | common  | FALSE |
| Uaca         | common  | FALSE |
| Ano1         | common  | FALSE |
| Phax         | common  | FALSE |
| Vat1l        | common  | FALSE |
| Ptgr1        | common  | FALSE |
| Cntrob       | common  | FALSE |
| Tnfrsf1a     | common  | FALSE |
| Akna         | common  | FALSE |
| Misp         | common  | FALSE |
| Flii         | common  | FALSE |
| Aldh5a1      | common  | FALSE |
| Ccnj1        | common  | FALSE |
| Slc27a6      | common  | FALSE |
| Ranbp9       | common  | FALSE |
| Gpaa1        | common  | FALSE |
| 2610034B1    | common  | FALSE |
| Sec63        | common  | FALSE |
| Tor2a        | common  | FALSE |
| Kctd10       | common  | FALSE |
| Puf60        | common  | FALSE |
| Faf2         | common  | FALSE |
| Cyb5r3       | common  | FALSE |
| Neto2        | common  | FALSE |
| Tle4         | common  | FALSE |
| D930015E1    | common  | FALSE |
| Tpd5212      | common  | FALSE |
| Ccnt2        | common  | TRUE  |
| Mvb12a       | common  | FALSE |
| Mbnl1        | common  | FALSE |
| Tsc2         | common  | FALSE |
| Rbm4b        | common  | FALSE |
| Gramd4       | common  | FALSE |
| Dhdds        | common  | FALSE |
| As3mt        | common  | FALSE |
| Rab26os      | common  | FALSE |
| Tmf1         | common  | FALSE |
| Gm15421      | common  | FALSE |
| Pthrhd1      | common  | FALSE |
| St6galnac4   | common  | FALSE |
| Mrps15       | common  | FALSE |
| Maz          | common  | TRUE  |
| 4921524J11   | common  | FALSE |
| Nek7         | common  | FALSE |
| Tmem129      | common  | FALSE |
| Rbm41        | common  | FALSE |
| Rbm25        | common  | FALSE |
| Gene      | Class | Common | Expression |
|-----------|-------|--------|------------|
| Paf1      | common| FALSE  |            |
| Golph3l   | common| FALSE  |            |
| Pex11b    | common| FALSE  |            |
| Dusp6     | common| FALSE  |            |
| Rnf10     | common| FALSE  |            |
| Mppe1     | common| FALSE  |            |
| Tm9sf1    | common| FALSE  |            |
| Crebf     | common| TRUE   |            |
| Ergic2    | common| FALSE  |            |
| Endov     | common| FALSE  |            |
| Trim8     | common| FALSE  |            |
| Ercc6     | common| FALSE  |            |
| Zfp148    | common| TRUE   |            |
| Rps17     | common| FALSE  |            |
| Ppp6r1    | common| FALSE  |            |
| Ube2a     | common| FALSE  |            |
| Lamb1     | common| FALSE  |            |
| Nck2      | common| FALSE  |            |
| Fam222b   | common| FALSE  |            |
| Cpne3     | common| FALSE  |            |
| Pdxdc1    | common| FALSE  |            |
| Golga7    | common| FALSE  |            |
| Snhg8     | common| FALSE  |            |
| Cnot4     | common| TRUE   |            |
| 1810014B0 | common| FALSE  |            |
| Elmo2     | common| FALSE  |            |
| Mrpl21    | common| FALSE  |            |
| Traf4     | common| TRUE   |            |
| Rfx3      | common| TRUE   |            |
| Numa1     | common| FALSE  |            |
| Uqccrc2   | common| FALSE  |            |
| Pon2      | common| FALSE  |            |
| Usp16     | common| FALSE  |            |
| Uso1      | common| FALSE  |            |
| Smad2     | common| TRUE   |            |
| Enc1      | common| FALSE  |            |
| Zfp623    | common| TRUE   |            |
| Sec22a    | common| FALSE  |            |
| B9d1      | common| FALSE  |            |
| Itgb1bp1  | common| FALSE  |            |
| Ralb      | common| FALSE  |            |
| Ost4      | common| FALSE  |            |
| Tceanc2   | common| FALSE  |            |
| Stau1     | common| FALSE  |            |
| Kctd1     | common| FALSE  |            |
| Siah1a    | common| FALSE  |            |
| S530601HC | common| FALSE  |            |
| Btbd2     | common| FALSE  |            |
| Chm       | common| FALSE  |            |
| Notch1    | common| FALSE  |            |
Ndst2  common  FALSE
Rhog   common  FALSE
Smurf1 common  FALSE
Mnat1  common  FALSE
Pomgnt1 common  FALSE
Spg7   common  FALSE
Trappc11 common  FALSE
Bod1   common  FALSE
LOC106740 common  FALSE
Ctbp1  common  TRUE
Map4k5 common  FALSE
Elk3   common  TRUE
Fbxl19 common  TRUE
Sgpl1  common  FALSE
Slc43a3 common  FALSE
Bag3   common  FALSE
Ube2e1 common  FALSE
Nsun4  common  FALSE
Ebpl   common  FALSE
Fam104a common  FALSE
Hspa13 common  FALSE
Mapk1  common  TRUE
Mtss1l common  FALSE
Inpp1  common  FALSE
Map1s  common  FALSE
Skp1a  common  FALSE
Igdcc4 common  FALSE
Sox12  common  TRUE
Rpain  common  FALSE
Commd5 common  FALSE
Hsd17b10 common  FALSE
St3gal4 common  FALSE
Zbtb8os common  FALSE
Asxl2  common  FALSE
Gna11  common  FALSE
Emd    common  FALSE
Lamc1  common  FALSE
Zfand1 common  FALSE
Fhod1  common  FALSE
Sft2d2 common  FALSE
Ncoa2  common  FALSE
Dnajc30 common  FALSE
Cenpb  common  TRUE
Rpn1   common  FALSE
2310009B1 common  FALSE
Pddc1  common  FALSE
Pcdh1  common  FALSE
Fam126a common  FALSE
Copz2  common  FALSE
Mmgt2  common  FALSE
| Gene   | Type    | Status |
|--------|---------|--------|
| Pdcd5  | common  | FALSE  |
| Cyt1   | common  | FALSE  |
| Lsm5   | common  | FALSE  |
| Copg1  | common  | FALSE  |
| Psma2  | common  | FALSE  |
| Mthfd2l| common  | FALSE  |
| Tmem5  | common  | FALSE  |
| Svil   | common  | FALSE  |
| Rfxank | common  | TRUE   |
| Timm10b| common  | FALSE  |
| Rai1   | common  | FALSE  |
| Mbd3   | common  | FALSE  |
| Ehmt2  | common  | FALSE  |
| Pex7   | common  | FALSE  |
| BC005561| common | TRUE   |
| Adamts1| common  | FALSE  |
| Tfcp2  | common  | TRUE   |
| Etv3   | common  | TRUE   |
| Sap30bp| common  | FALSE  |
| Gcc2   | common  | FALSE  |
| Trmu   | common  | FALSE  |
| Hps5   | common  | FALSE  |
| Acbd3  | common  | FALSE  |
| Prkag1 | common  | FALSE  |
| Fxyd3  | common  | FALSE  |
| Kdm2a  | common  | TRUE   |
| Fam122a| common  | FALSE  |
| Rnf38  | common  | FALSE  |
| Zpf664 | common  | TRUE   |
| Rtf1   | common  | FALSE  |
| Stard5 | common  | FALSE  |
| Atp5f1 | common  | FALSE  |
| Ppp2r1a| common  | FALSE  |
| 0610009B2| common | FALSE |
| Suds3  | common  | FALSE  |
| Zkscan1| common  | TRUE   |
| Rps27l | common  | FALSE  |
| Akt1   | common  | FALSE  |
| Tsr3   | common  | FALSE  |
| Fbxo44 | common  | FALSE  |
| Kdm1b  | common  | FALSE  |
| Sepn1  | common  | FALSE  |
| Ifnar1 | common  | FALSE  |
| Csnk1d | common  | FALSE  |
| Adam10 | common  | FALSE  |
| Hdac2  | common  | TRUE   |
| Rp2h   | common  | FALSE  |
| Kif1c  | common  | FALSE  |
| Zfp68  | common  | FALSE  |
| Csnk1a1| common  | FALSE  |
| gene            | type    | status |
|-----------------|---------|--------|
| Pomt2           | common  | FALSE  |
| Man2b1          | common  | FALSE  |
| Atp6v0a2        | common  | FALSE  |
| 261003SD1       | common  | FALSE  |
| Snrpb2          | common  | TRUE   |
| Pdia3           | common  | FALSE  |
| Eapp            | common  | FALSE  |
| Mix             | common  | TRUE   |
| Galnt4          | common  | FALSE  |
| Brd4            | common  | FALSE  |
| Arhgap35        | common  | FALSE  |
| Fnbp1l          | common  | FALSE  |
| Hhip            | common  | FALSE  |
| Galk2           | common  | FALSE  |
| Vash1           | common  | FALSE  |
| 2810403AC       | common  | TRUE   |
| Mir6910         | common  | FALSE  |
| Itpa            | common  | FALSE  |
| Ldrlap1         | common  | FALSE  |
| Dhrs3           | common  | FALSE  |
| 0610011F0       | common  | FALSE  |
| Pacsin3         | common  | FALSE  |
| Tmem43          | common  | FALSE  |
| Ostc            | common  | FALSE  |
| Mtfr1l          | common  | FALSE  |
| Psmb2           | common  | FALSE  |
| Chchd1          | common  | FALSE  |
| Ercc4           | common  | FALSE  |
| C2cd2           | common  | FALSE  |
| Mir6975         | common  | FALSE  |
| Rpl22           | common  | FALSE  |
| Ankrd39         | common  | FALSE  |
| Armcx4          | common  | FALSE  |
| Scai            | common  | FALSE  |
| 2810001G2       | common  | FALSE  |
| Adnp            | common  | TRUE   |
| Gpr180          | common  | FALSE  |
| Btbd1           | common  | FALSE  |
| Chmp2b          | common  | FALSE  |
| Vps25           | common  | FALSE  |
| Stx16           | common  | FALSE  |
| Ptpn23          | common  | FALSE  |
| Whrn            | common  | FALSE  |
| Tmem237         | common  | FALSE  |
| Npm3            | common  | FALSE  |
| Stat6           | common  | TRUE   |
| Zfp236          | common  | TRUE   |
| Atad1           | common  | FALSE  |
| Dcaf4           | common  | FALSE  |
| 9930021J0       | common  | FALSE  |
| Gene   | Category | Status |
|--------|----------|--------|
| Myef2  | common   | TRUE   |
| Extl3  | common   | FALSE  |
| Atg4a  | common   | FALSE  |
| Msi2   | common   | TRUE   |
| Dedd   | common   | FALSE  |
| Tmem87a| common   | FALSE  |
| Mir703 | common   | FALSE  |
| Sphk1  | common   | FALSE  |
| Cast   | common   | FALSE  |
| Gtf2b  | common   | TRUE   |
| Gfpt1  | common   | FALSE  |
| Spns1  | common   | FALSE  |
| Cdan1  | common   | FALSE  |
| Atp11b | common   | FALSE  |
| Stxbp3a| common   | FALSE  |
| Decr2  | common   | FALSE  |
| St8sia5| common   | FALSE  |
| Tram2  | common   | FALSE  |
| Pex3   | common   | FALSE  |
| Sppl3  | common   | FALSE  |
| Pop4   | common   | FALSE  |
| Zmat3  | common   | FALSE  |
| Zufsp  | common   | FALSE  |
| Ap2a2  | common   | FALSE  |
| Fastk  | common   | FALSE  |
| Mdm2   | common   | TRUE   |
| Tada3  | common   | FALSE  |
| Mrps11 | common   | FALSE  |
| 3110040N1| common | FALSE  |
| Dgat1  | common   | FALSE  |
| Crtap  | common   | FALSE  |
| Cdk2ap2| common   | FALSE  |
| Vwa8   | common   | FALSE  |
| Smpd2  | common   | FALSE  |
| Accs   | common   | FALSE  |
| Slc30a4| common   | FALSE  |
| Man1c1 | common   | FALSE  |
| Lsm4   | common   | FALSE  |
| Luc7l2 | common   | FALSE  |
| Cnep1r1| common   | FALSE  |
| Cep44  | common   | FALSE  |
| Capn7  | common   | FALSE  |
| Dennd4c| common   | FALSE  |
| Sdcbp  | common   | FALSE  |
| Loxl2  | common   | FALSE  |
| Zfp952 | common   | FALSE  |
| Sox11  | common   | TRUE   |
| Snrpc  | common   | FALSE  |
| Tns3   | common   | FALSE  |
| Tbc1d20| common   | FALSE  |
| Gene    | Type | Status |
|---------|------|--------|
| Ttc33   | common | FALSE  |
| Ell     | common | FALSE  |
| Fam13b  | common | FALSE  |
| Rrnad1  | common | FALSE  |
| Vasp    | common | FALSE  |
| Tsn     | common | TRUE   |
| Tro     | common | FALSE  |
| Ndufaf7 | common | FALSE  |
| Sar1a   | common | FALSE  |
| Rgs12   | common | FALSE  |
| Pdzrn3  | common | FALSE  |
| Fbxo18  | common | FALSE  |
| Tmod3   | common | FALSE  |
| Zfp292  | common | FALSE  |
| Hspg2   | common | FALSE  |
| Tcf7l2  | common | TRUE   |
| Tbx3    | common | TRUE   |
| Alg5    | common | FALSE  |
| Zfp691  | common | TRUE   |
| Scoc    | common | FALSE  |
| Kdm1a   | common | FALSE  |
| Dil1    | common | FALSE  |
| Zfp282  | common | TRUE   |
| Rpa3    | common | FALSE  |
| Rab12   | common | FALSE  |
| Cnih4   | common | FALSE  |
| Zfp799  | common | FALSE  |
| Vps13a  | common | FALSE  |
| Ube2e3  | common | FALSE  |
| Vps37a  | common | FALSE  |
| Zbtb41  | common | TRUE   |
| Pelo    | common | FALSE  |
| Hmg20a  | common | TRUE   |
| Bche    | common | FALSE  |
| 1700030K0 | common | FALSE  |
| Inpp5e  | common | FALSE  |
| Ptpmt1  | common | FALSE  |
| Nrp     | common | FALSE  |
| Gpsm1   | common | FALSE  |
| Ift172  | common | FALSE  |
| Nf1     | common | TRUE   |
| Tnrc18  | common | FALSE  |
| Ikbip   | common | FALSE  |
| Fam102a | common | FALSE  |
| Arhgef17| common | FALSE  |
| Ap1s2   | common | FALSE  |
| 2310011J0 | common | TRUE   |
| Obsl1   | common | FALSE  |
| Sec31a  | common | FALSE  |
| Tjap1   | common | FALSE  |
Zfp532 common TRUE
Azl2 common FALSE
Npm3-ps1 common FALSE
Nkiras2 common FALSE
Trim44 common FALSE
Ier5 common FALSE
Sdhaf1 common FALSE
Ggcx common FALSE
Wwc2 common FALSE
C1d common FALSE
Dnmt3a common TRUE
Cccdc174 common FALSE
Zkscan3 common TRUE
Ppp1r12a common FALSE
Cnih1 common FALSE
Ptgr2 common FALSE
Mapk9 common FALSE
Zdhhc4 common FALSE
Mrpl32 common FALSE
Klh7 common FALSE
Pcbd2 common FALSE
Pfkm common FALSE
Pitpna common FALSE
Tnpo2 common FALSE
F3 common FALSE
Apeh common FALSE
Sgsm3 common FALSE
Wrnip1 common TRUE
Strip1 common FALSE
1190007I07 common FALSE
Efhd2 common FALSE
Clk4 common FALSE
Btf3i4 common FALSE
Arpc5l common FALSE
Thoc2 common TRUE
Arf4 common FALSE
Dnlz common FALSE
Asb8 common FALSE
Nrbp1 common FALSE
493005E2 common FALSE
Marf1 common FALSE
25100039O1 common FALSE
1810043H common FALSE
Atg101 common FALSE
Sirt6 common TRUE
Adrbk1 common FALSE
Gstp1 common FALSE
Adprm common FALSE
Prmt1 common FALSE
Vgll4 common FALSE
| Gene | Common | Status |
|------|--------|--------|
| Coq9 | common | FALSE  |
| Clptm1l | common | FALSE  |
| Alkbh3 | common | FALSE  |
| Ikbkb | common | FALSE  |
| Asna1 | common | FALSE  |
| Lyn | common | FALSE  |
| Upf3a | common | FALSE  |
| Dnajc24 | common | FALSE  |
| Timm22 | common | FALSE  |
| Vps45 | common | FALSE  |
| Tfe3 | common | TRUE   |
| Tmem175 | common | FALSE  |
| Foxk1 | common | TRUE   |
| Rnf7 | common | FALSE  |
| Ubn1 | common | FALSE  |
| Bcas2 | common | FALSE  |
| Hexim1 | common | FALSE  |
| Ptpru | common | FALSE  |
| Slc12a4 | common | FALSE  |
| Acot2 | common | FALSE  |
| Zfp444 | common | TRUE   |
| Stard3 | common | FALSE  |
| Spin1 | common | FALSE  |
| Vps51 | common | FALSE  |
| Chrac1 | common | FALSE  |
| Wdr83 | common | TRUE   |
| Paox | common | FALSE  |
| Hdac7 | common | FALSE  |
| Lpar4 | common | FALSE  |
| Arfgap1 | common | TRUE   |
| Slc35f5 | common | FALSE  |
| Dlg5 | common | FALSE  |
| Akirin1 | common | FALSE  |
| Zc4h2 | common | FALSE  |
| Dnmbp | common | FALSE  |
| Tmem218 | common | FALSE  |
| Spast | common | FALSE  |
| Dkk2 | common | FALSE  |
| Sfr1 | common | FALSE  |
| Prickle1 | common | FALSE  |
| Etv4 | common | TRUE   |
| Tnfaip8l1 | common | FALSE  |
| Prkaa1 | common | TRUE   |
| Bloc1s2 | common | FALSE  |
| Enthd2 | common | FALSE  |
| Kif13a | common | FALSE  |
| Fnip2 | common | FALSE  |
| Dapk3 | common | FALSE  |
| Gbf1 | common | FALSE  |
| Commd2 | common | FALSE  |
| Gene   | Common | Status |
|--------|--------|--------|
| Epc2   | common | FALSE  |
| 4933434E2 | common | FALSE  |
| Spin4  | common | FALSE  |
| Usp22  | common | FALSE  |
| Cdh24  | common | FALSE  |
| Snx12  | common | FALSE  |
| Mfap3  | common | FALSE  |
| Ino80b | common | FALSE  |
| Stx6   | common | FALSE  |
| Zscan26| common | TRUE   |
| Mast4  | common | FALSE  |
| Abhd14a| common | FALSE  |
| Ccdc34 | common | FALSE  |
| Plod3  | common | FALSE  |
| Magi3  | common | FALSE  |
| Phldb1 | common | FALSE  |
| Ifi30  | common | FALSE  |
| Ppp1r14b | common | FALSE  |
| Wipf1  | common | FALSE  |
| Sec22b | common | FALSE  |
| Clasrp | common | FALSE  |
| Pdzd11 | common | FALSE  |
| Xist   | common | FALSE  |
| Uba5   | common | FALSE  |
| Sh2b3  | common | FALSE  |
| 2610020C0 | common | FALSE  |
| Sesn3  | common | FALSE  |
| Tmem60 | common | FALSE  |
| Cwc25  | common | FALSE  |
| 3110062M | common | FALSE  |
| Hey1   | common | TRUE   |
| Mrps26 | common | FALSE  |
| Chic2  | common | FALSE  |
| Tpra1  | common | FALSE  |
| Rhob   | common | FALSE  |
| Hipk1  | common | FALSE  |
| Tvp23a | common | FALSE  |
| Cat    | common | TRUE   |
| Gipc1  | common | FALSE  |
| Rragc  | common | FALSE  |
| Nsa2   | common | FALSE  |
| Vipas39| common | FALSE  |
| Lats1  | common | FALSE  |
| Nova1  | common | FALSE  |
| Derl2  | common | FALSE  |
| Amdhd2 | common | FALSE  |
| Pogk   | common | FALSE  |
| Tmem64 | common | FALSE  |
| Etv5   | common | TRUE   |
| Bin3   | common | FALSE  |
| Gene       | Common | Value |
|------------|--------|-------|
| Tbc1d9b    | common | FALSE |
| Esd        | common | FALSE |
| Strn3      | common | FALSE |
| Trrap      | common | FALSE |
| H6pd       | common | FALSE |
| Dnajb4     | common | FALSE |
| Bptf       | common | TRUE  |
| Dusp16     | common | FALSE |
| Fermt2     | common | FALSE |
| Grtp1      | common | FALSE |
| Cib1       | common | FALSE |
| Zfp738     | common | FALSE |
| Eif2ak2    | common | FALSE |
| Oxr1       | common | FALSE |
| Pigx       | common | FALSE |
| Ispd       | common | FALSE |
| Pan3       | common | FALSE |
| Car12      | common | FALSE |
| Sugp2      | common | FALSE |
| Rsf1       | common | FALSE |
| Dcaf7      | common | FALSE |
| Tomm34     | common | FALSE |
| Rnf166     | common | FALSE |
| B230118H   | common | FALSE |
| Ppt2       | common | FALSE |
| Akr1b8     | common | FALSE |
| Proser3    | common | FALSE |
| Herc2      | common | FALSE |
| Ufm1       | common | FALSE |
| Mex3a      | common | FALSE |
| Cnot6l     | common | FALSE |
| Acadsb     | common | FALSE |
| Klhl23     | common | FALSE |
| Pigv       | common | FALSE |
| Med10      | common | FALSE |
| 6030407O   | common | FALSE |
| Pygb       | common | FALSE |
| 9030624J0  | common | FALSE |
| Mob3a      | common | FALSE |
| Rchy1      | common | FALSE |
| Thoc7      | common | FALSE |
| Cep350     | common | FALSE |
| Golga1     | common | FALSE |
| Lime1      | common | FALSE |
| Zswim4     | common | FALSE |
| Sh2b1      | common | FALSE |
| Tanc1      | common | FALSE |
| Jak1       | common | FALSE |
| Elk1       | common | TRUE  |
| Mef2c      | common | TRUE  |
| Gene  | Type  | Value |
|-------|-------|-------|
| Lrch3 | common| FALSE |
| Cep112| common| FALSE |
| Polk  | common| FALSE |
| Abhd10| common| FALSE |
| Cyb561a3| common| FALSE |
| Slc10a7| common| FALSE |
| Ahsa2 | common| FALSE |
| Hsd17b4| common| FALSE |
| Ckap4 | common| FALSE |
| Fam50a| common| FALSE |
| Psmd9 | common| FALSE |
| Anapc2| common| FALSE |
| Gstt2 | common| FALSE |
| Zfp27 | common| TRUE  |
| Urm1  | common| FALSE |
| Arhgap42| common| FALSE |
| Tmem214| common| FALSE |
| Vhl   | common| FALSE |
| Fyn   | common| FALSE |
| Ctdnep1| common| FALSE |
| 4632427E1| common| FALSE |
| Zfp865| common| FALSE |
| Ric8b | common| FALSE |
| Tmem150a| common| FALSE |
| Txn1  | common| FALSE |
| Casp6 | common| FALSE |
| Leprel2| common| FALSE |
| Gfra2 | common| FALSE |
| Numb  | common| FALSE |
| 4931406P1| common| FALSE |
| Gpr137b-p| common| FALSE |
| Prkcsh | common| FALSE |
| Crkl  | common| FALSE |
| Tet1  | common| TRUE  |
| Zmiz1 | common| TRUE  |
| Lcmt1 | common| FALSE |
| Spty2d1| common| FALSE |
| Arhgap1| common| FALSE |
| Gpx8  | common| FALSE |
| Zcchc6| common| FALSE |
| Ctbs  | common| FALSE |
| Edem2 | common| FALSE |
| Zfr   | common| FALSE |
| Gpr107| common| FALSE |
| Ppp2r4| common| FALSE |
| Nol4l | common| FALSE |
| Gpbp1l1| common| FALSE |
| Chpt1 | common| FALSE |
| Mxra7 | common| FALSE |
| Msantd4| common| FALSE |
| Gene          | Common | Status |
|--------------|--------|--------|
| Cmas         | common | FALSE  |
| Cdc42bp      | common | FALSE  |
| Letmd1       | common | FALSE  |
| Tmem173      | common | FALSE  |
| Slc6a8       | common | FALSE  |
| Wdr60        | common | FALSE  |
| Arl15        | common | FALSE  |
| 17000860C    | common | FALSE  |
| Arhgef10     | common | FALSE  |
| Cops6        | common | FALSE  |
| Smad7        | common | TRUE   |
| Pot1b        | common | FALSE  |
| Ankrd16      | common | FALSE  |
| Eif4g3       | common | FALSE  |
| Cby1         | common | FALSE  |
| Rps29        | common | FALSE  |
| Ctdsp2       | common | FALSE  |
| Fech         | common | FALSE  |
| Ppp1r35      | common | FALSE  |
| Prrc2a       | common | FALSE  |
| Mpv17        | common | FALSE  |
| Hars2        | common | FALSE  |
| Glt25d1      | common | FALSE  |
| Akr1b10      | common | FALSE  |
| Ankrd54      | common | FALSE  |
| BC003331     | common | FALSE  |
| Zfp319       | common | TRUE   |
| Lman2l       | common | FALSE  |
| Mid1         | common | FALSE  |
| Lsamp        | common | FALSE  |
| 0610037L1    | common | FALSE  |
| Btrc         | common | FALSE  |
| Crebbp       | common | FALSE  |
| Ptpn9        | common | FALSE  |
| Lgi4         | common | FALSE  |
| Igf1r        | common | FALSE  |
| Laptm5       | common | FALSE  |
| Ensa         | common | FALSE  |
| Frk          | common | FALSE  |
| D630003M     | common | FALSE  |
| Uqcrcl       | common | FALSE  |
| Sep-07       | common | FALSE  |
| Aldh1l2      | common | FALSE  |
| Tbl1x1r1     | common | TRUE   |
| Ifnar2       | common | FALSE  |
| Usp49        | common | FALSE  |
| Ppp2cb       | common | FALSE  |
| Gulp1        | common | FALSE  |
| Fcho2        | common | FALSE  |
| Apc          | common | FALSE  |
| Gene | Type | Value |
|------|------|-------|
| Arvcf | common | FALSE |
| Sfrp1 | common | FALSE |
| Prdx4 | common | FALSE |
| Ankib1 | common | FALSE |
| Sike1 | common | FALSE |
| Tmem136 | common | FALSE |
| Igfbp5 | common | FALSE |
| Ttc8 | common | FALSE |
| Dstyk | common | FALSE |
| Fam193a | common | FALSE |
| Suv420h2 | common | FALSE |
| Ust | common | FALSE |
| Gpsm3 | common | FALSE |
| Ctdsp1 | common | FALSE |
| Kdelr2 | common | FALSE |
| Ptges3l | common | FALSE |
| Acaa2 | common | FALSE |
| Zeb2os | common | FALSE |
| Irak4 | common | FALSE |
| Bmf | common | FALSE |
| Acvr1 | common | FALSE |
| Kmt2b | common | FALSE |
| Cers5 | common | TRUE |
| Dnai2 | common | FALSE |
| Wdr8 | common | FALSE |
| Agpat2 | common | FALSE |
| Bud31 | common | FALSE |
| Gpr17 | common | FALSE |
| Pomp | common | FALSE |
| Glscr1 | common | FALSE |
| Rnf25 | common | FALSE |
| Dsel | common | FALSE |
| Tm2d3 | common | FALSE |
| Acin1 | common | FALSE |
| Dock6 | common | FALSE |
| Arhgef12 | common | FALSE |
| Rhou | common | FALSE |
| Lrrk1 | common | FALSE |
| Snhg18 | common | FALSE |
| Lims1 | common | FALSE |
| Dhx57 | common | FALSE |
| Eef2 | common | FALSE |
| Sep-01 | common | FALSE |
| Cccdc97 | common | FALSE |
| Rab3gap1 | common | FALSE |
| 4931406H2 | common | FALSE |
| Ick | common | FALSE |
| Tpmt | common | FALSE |
| 4933431E2 | common | FALSE |
| Ppt1 | common | FALSE |
| Gene     | Type   | Value |
|----------|--------|-------|
| Pccb     | common | FALSE |
| Vma21    | common | FALSE |
| Ppapdc1b | common | FALSE |
| Atn      | common | FALSE |
| Mrps18a  | common | FALSE |
| Stxbp3b  | common | FALSE |
| Rev3l    | common | FALSE |
| Yipf1    | common | FALSE |
| Tor1a    | common | FALSE |
| Lsm1     | common | FALSE |
| Usp19    | common | FALSE |
| Ppp1r12c | common | FALSE |
| Panx1    | common | FALSE |
| Snrpd2   | common | FALSE |
| Mrps16   | common | FALSE |
| Taz      | common | FALSE |
| Polm     | common | FALSE |
| Zcchc24  | common | FALSE |
| Brf1     | common | TRUE  |
| Oraov1   | common | FALSE |
| Npnl2    | common | FALSE |
| Lyrm4    | common | FALSE |
| Tnrc6a   | common | FALSE |
| Taok2    | common | FALSE |
| Setd1b   | common | FALSE |
| Ankmy2   | common | FALSE |
| Slc39a7  | common | FALSE |
| Tfpi     | common | FALSE |
| Mcur1    | common | FALSE |
| Col5a1   | common | FALSE |
| Ap5z1    | common | FALSE |
| Cenpt    | common | FALSE |
| Ago1     | common | FALSE |
| Zfp276   | common | TRUE  |
| Nkain4   | common | FALSE |
| Pkn1     | common | FALSE |
| Tbcel    | common | FALSE |
| Lxn      | common | FALSE |
| Plxnb1   | common | FALSE |
| Ube2r2   | common | FALSE |
| Fads2    | common | FALSE |
| Gucd1    | common | FALSE |
| Metap1d  | common | FALSE |
| Abcd3    | common | FALSE |
| Wash     | common | FALSE |
| Rnf122   | common | FALSE |
| Sarnp    | common | FALSE |
| Rabgap1  | common | FALSE |
| Pdcdd10  | common | FALSE |
| Fbxl6    | common | FALSE |
| Gene   | Common | Value |
|--------|--------|-------|
| Gtf2i  | common | TRUE  |
| Rgl2   | common | FALSE |
| Nelfcd | common | FALSE |
| 1600012H0 | common | FALSE |
| Rps10  | common | TRUE  |
| Ptpara | common | FALSE |
| Pcmtd1 | common | FALSE |
| Pigs   | common | FALSE |
| Wdpcp  | common | FALSE |
| E130307A1 | common | FALSE |
| Arhgef40 | common | FALSE |
| Snhg6  | common | FALSE |
| Tex261 | common | FALSE |
| Smim8  | common | FALSE |
| Ykt6   | common | FALSE |
| Kcnq1ot1 | common | FALSE |
| Exoc6  | common | FALSE |
| Ncoa4  | common | FALSE |
| Cmtm8  | common | FALSE |
| Fam196a | common | FALSE |
| Rps9   | common | FALSE |
| Ndufa9 | common | FALSE |
| Orai1  | common | FALSE |
| Sec23a | common | FALSE |
| Pvr    | common | FALSE |
| Atp9b  | common | FALSE |
| Ndufa10 | common | FALSE |
| Man2a2 | common | FALSE |
| Fkbp14 | common | FALSE |
| Agl    | common | FALSE |
| Sh3pxd2b | common | FALSE |
| Nek8   | common | FALSE |
| Tenm3  | common | FALSE |
| Gstk1  | common | FALSE |
| Mef2a  | common | TRUE  |
| Unk    | common | FALSE |
| Timm17b | common | FALSE |
| Hook3  | common | FALSE |
| Mllt6  | common | FALSE |
| Pdap1  | common | FALSE |
| 3110056K0 | common | FALSE |
| Elf1   | common | TRUE  |
| Tmem242 | common | FALSE |
| Bnip3l | common | FALSE |
| Slc25a20 | common | FALSE |
| Sfswap | common | FALSE |
| 2610507I0: | common | FALSE |
| Echs1  | common | FALSE |
| Hsf2   | common | TRUE  |
| Pip4k2c | common | FALSE |
| Gene   | Status | Value |
|--------|--------|-------|
| Mrpl57 | common | FALSE |
| Tatdn3 | common | FALSE |
| Arrdc3 | common | FALSE |
| Chmp4b | common | FALSE |
| Trim56 | common | FALSE |
| Hdhd2  | common | FALSE |
| Smap1  | common | FALSE |
| Ube2j1 | common | FALSE |
| Tbc1d10a | common | FALSE |
| Rhobtb1| common | FALSE |
| Leprel4 | common | FALSE |
| Col11a1| common | FALSE |
| Btbd9  | common | FALSE |
| Id1    | common | TRUE  |
| Fam178b| common | FALSE |
| Mrps17 | common | FALSE |
| Proser1| common | FALSE |
| Dbi    | common | FALSE |
| Map2k7 | common | FALSE |
| Golgb1 | common | FALSE |
| Gpx1   | common | FALSE |
| Dctn4  | common | FALSE |
| Rab22a | common | FALSE |
| Cdh2   | common | FALSE |
| Fam117a| common | FALSE |
| Morf4l1| common | FALSE |
| Ngly1  | common | FALSE |
| Psmb6  | common | FALSE |
| Osbpl7 | common | FALSE |
| Rfx5   | common | TRUE  |
| Efemp2 | common | FALSE |
| Commd9 | common | FALSE |
| Zfc3h1 | common | FALSE |
| Rgcc   | common | FALSE |
| Selo   | common | FALSE |
| Zfp57  | common | TRUE  |
| Sri    | common | FALSE |
| 2610008E1 | common | FALSE |
| Rab18  | common | TRUE  |
| Pcgf5  | common | FALSE |
| Syk    | common | FALSE |
| Limch1 | common | FALSE |
| Sntb1  | common | FALSE |
| Ano6   | common | FALSE |
| Baiap2I | common | FALSE |
| Arhgef10l| common | FALSE |
| 2010320M| common | FALSE |
| Lifr   | common | FALSE |
| Tspan14| common | FALSE |
| Lrrc8d | common | FALSE |
| Gene  | Visited | Status |
|-------|---------|--------|
| Nbas  | common  | FALSE  |
| Rheb  | common  | FALSE  |
| Mnk1  | common  | FALSE  |
| Chmp1a| common  | FALSE  |
| Igfbp3| common  | FALSE  |
| Cmtm3 | common  | FALSE  |
| Kdm5b | common  | TRUE   |
| Suv420h1| common| FALSE |
| Mme   | common  | FALSE  |
| Bnip2 | common  | FALSE  |
| Osgep | common  | FALSE  |
| Zmat2 | common  | TRUE   |
| Mdp1  | common  | FALSE  |
| Fgd5  | common  | FALSE  |
| Lrrc20| common  | FALSE  |
| Rps6kb2| common| FALSE |
| Epc1  | common  | FALSE  |
| Gtstz1| common  | FALSE  |
| Fam132a| common| FALSE |
| Smad6 | common  | TRUE   |
| If27  | common  | FALSE  |
| Tradd | common  | FALSE  |
| Tmco1 | common  | FALSE  |
| Wdr26 | common  | FALSE  |
| Mmp17 | common  | FALSE  |
| Pim3  | common  | FALSE  |
| Igsf11| common  | FALSE  |
| Sla35e3| common| FALSE |
| Mrps34| common  | FALSE  |
| Zc3h7b| common  | FALSE  |
| Casc4 | common  | FALSE  |
| Lmf2  | common  | FALSE  |
| Glrx  | common  | FALSE  |
| Scnm1 | common  | FALSE  |
| Pde5a | common  | FALSE  |
| Kifc3 | common  | FALSE  |
| Antr1 | common  | FALSE  |
| Tmppe | common  | FALSE  |
| Srr   | common  | FALSE  |
| Lgr4  | common  | FALSE  |
| Pigc  | common  | FALSE  |
| Fbxw17| common  | FALSE  |
| Saysd1| common  | FALSE  |
| Ype1  | common  | FALSE  |
| Tmem230| common| FALSE |
| Gm14325| common| TRUE  |
| Ugp2  | common  | TRUE   |
| Ubr4  | common  | FALSE  |
| Mgea5 | common  | FALSE  |
| 9530068E0| common| FALSE |
| Gene      | State | Common | Value |
|-----------|-------|--------|-------|
| Zfp329    |       | common | TRUE  |
| BC024978  |       | common | FALSE |
| Gab1      |       | common | FALSE |
| Ppil2     |       | common | FALSE |
| Ppm1b     |       | common | FALSE |
| Frem2     |       | common | FALSE |
| 4833420G1 |       | common | FALSE |
| Adamts6   |       | common | FALSE |
| 2610001J0 |       | common | FALSE |
| Angptl2   |       | common | FALSE |
| Mmp16     |       | common | FALSE |
| Klf3      |       | common | TRUE  |
| Bfar      |       | common | FALSE |
| Sorcs2    |       | common | FALSE |
| Mmp2      |       | common | FALSE |
| Adamts10  |       | common | FALSE |
| Plac1     |       | common | FALSE |
| Lix1l     |       | common | FALSE |
| Dyncl1l2  |       | common | FALSE |
| Ccdc167   |       | common | FALSE |
| Thap7     |       | common | FALSE |
| 2310009AC |       | common | FALSE |
| 3830406C1 |       | common | FALSE |
| Ifit2     |       | common | FALSE |
| Myo1c     |       | common | FALSE |
| Chn2      |       | common | FALSE |
| Ddah1     |       | common | FALSE |
| Insig2    |       | common | FALSE |
| Pabpn1    |       | common | FALSE |
| Tmem261   |       | common | FALSE |
| Fbxw7     |       | common | FALSE |
| Deb1      |       | common | FALSE |
| Rbm18     |       | common | FALSE |
| Alkbh6    |       | common | FALSE |
| Cttm      |       | common | FALSE |
| Zfp1l     |       | common | FALSE |
| Mecp2     |       | common | TRUE  |
| Cto       |       | common | FALSE |
| Kiz       |       | common | FALSE |
| Rab4a     |       | common | FALSE |
| Klhl36    |       | common | FALSE |
| Aldh6a1   |       | common | FALSE |
| Ccd5c8    |       | common | FALSE |
| Elmod2    |       | common | FALSE |
| Vimp      |       | common | FALSE |
| Zmat5     |       | common | FALSE |
| Rpl35a    |       | common | FALSE |
| Pitpnc1   |       | common | FALSE |
| Zc3h11a   |       | common | TRUE  |
| Tlcd2     |       | common | FALSE |
| Gene   | Category | Common | Status |
|--------|----------|--------|--------|
| Rab5a  | common   | FALSE  |        |
| Mrpl30 | common   | FALSE  |        |
| Mpdu1  | common   | FALSE  |        |
| Pias3  | common   | FALSE  |        |
| Pgap3  | common   | FALSE  |        |
| R3hdm2 | common   | TRUE   |        |
| Rbm4   | common   | FALSE  |        |
| Synj2  | common   | FALSE  |        |
| Afap1l1| common   | FALSE  |        |
| Galnt2 | common   | FALSE  |        |
| Csd    | common   | FALSE  |        |
| Rplp2  | common   | FALSE  |        |
| Zymy3  | common   | FALSE  |        |
| Dock7  | common   | FALSE  |        |
| Son    | common   | FALSE  |        |
| Gstm5  | common   | FALSE  |        |
| Wsb1   | common   | FALSE  |        |
| Yipf5  | common   | FALSE  |        |
| Ankr23 | common   | FALSE  |        |
| Hunk   | common   | FALSE  |        |
| Dvl3   | common   | FALSE  |        |
| Wasf2  | common   | FALSE  |        |
| Tmem198b| common   | FALSE  |        |
| Smarcb1| common   | TRUE   |        |
| Spry4  | common   | FALSE  |        |
| Shisa2 | common   | FALSE  |        |
| Tpcn2  | common   | FALSE  |        |
| Msl1   | common   | FALSE  |        |
| Tcn2   | common   | FALSE  |        |
| Zfp866 | common   | TRUE   |        |
| Npepl1 | common   | FALSE  |        |
| Picalm | common   | FALSE  |        |
| Lrrc45 | common   | FALSE  |        |
| Brms1l | common   | FALSE  |        |
| Ppp1r9b| common   | FALSE  |        |
| Rnpepl1| common   | FALSE  |        |
| Rsrgc2 | common   | FALSE  |        |
| Jarid2 | common   | FALSE  |        |
| D17Wsu10| common  | FALSE  |        |
| Spag7  | common   | TRUE   |        |
| Tmem170b| common  | FALSE  |        |
| Stard13| common   | FALSE  |        |
| Phf21a | common   | TRUE   |        |
| Arhgef11| common | FALSE  |        |
| Dbnl   | common   | FALSE  |        |
| Mrps12 | common   | FALSE  |        |
| Gm15545| common   | FALSE  |        |
| Ccdc13 | common   | FALSE  |        |
| Poln   | common   | FALSE  |        |
| Vps37b | common   | FALSE  |        |
| Gene   | Status | Symbol |
|--------|--------|--------|
| Aida   | common | FALSE  |
| Ltbp1  | common | FALSE  |
| Jmjd7  | common | FALSE  |
| Akr1e1 | common | FALSE  |
| Hmga2-ps1 | common | FALSE  |
| Whsc1l1| common | FALSE  |
| Igdcc3 | NCC    | FALSE  |
| Grrp1  | NCC    | FALSE  |
| Plcg2  | NCC    | FALSE  |
| Fndc3c1| NCC    | FALSE  |
| Ipom   | NCC    | FALSE  |
| Lin28a | NCC    | TRUE   |
| Prtg   | NCC    | FALSE  |
| Sep-11 | NCC    | FALSE  |
| Trim71 | NCC    | FALSE  |
| Psat1  | NCC    | FALSE  |
| Vars   | NCC    | FALSE  |
| Robo1  | NCC    | FALSE  |
| Shmt1  | NCC    | FALSE  |
| HK2    | NCC    | FALSE  |
| E130012A1 NCC | false  |
| Lin28b | NCC    | TRUE   |
| Tnfrsf19| NCC    | FALSE  |
| Pax3   | NCC    | TRUE   |
| Mthfd1 | NCC    | TRUE   |
| Ddx21  | NCC    | FALSE  |
| Nop2   | NCC    | FALSE  |
| Gart   | NCC    | FALSE  |
| Dctd   | NCC    | FALSE  |
| Slc16a1| NCC    | FALSE  |
| Exo1   | NCC    | FALSE  |
| Heatr1 | NCC    | FALSE  |
| Sall4  | NCC    | TRUE   |
| Bub1   | NCC    | FALSE  |
| Pkm    | NCC    | TRUE   |
| Lhpp   | NCC    | FALSE  |
| Cct6a  | NCC    | FALSE  |
| Nsun2  | NCC    | FALSE  |
| Nolc1  | NCC    | FALSE  |
| Fam89a | NCC    | FALSE  |
| Slc2a1 | NCC    | FALSE  |
| Ldha   | NCC    | FALSE  |
| Mcm10  | NCC    | FALSE  |
| Nop56  | NCC    | FALSE  |
| Gemin5 | NCC    | FALSE  |
| Sdad1  | NCC    | FALSE  |
| Grwd1  | NCC    | FALSE  |
| Fkbp4  | NCC    | FALSE  |
| Prmt5  | NCC    | FALSE  |
| Ttll4  | NCC    | FALSE  |
| Gene   | NCC | Status |
|--------|-----|--------|
| Lbr    | NCC | FALSE  |
| Hsph1  | NCC | FALSE  |
| Tomm70a| NCC | FALSE  |
| Atic   | NCC | FALSE  |
| Hspa9  | NCC | FALSE  |
| Pprc1  | NCC | FALSE  |
| Cecr2  | NCC | FALSE  |
| Dnmt3b | NCC | FALSE  |
| Lama1  | NCC | FALSE  |
| Ctps   | NCC | FALSE  |
| Srm    | NCC | FALSE  |
| Suv39h2| NCC | FALSE  |
| Gemin4 | NCC | FALSE  |
| Bcat1  | NCC | FALSE  |
| Sfrp2  | NCC | FALSE  |
| Stip1  | NCC | FALSE  |
| Cdv3   | NCC | FALSE  |
| Gpsm2  | NCC | FALSE  |
| Trip13 | NCC | FALSE  |
| Melk   | NCC | FALSE  |
| Ivns1abp| NCC | FALSE |
| Sdc1   | NCC | FALSE  |
| Abcf2  | NCC | TRUE   |
| Plk1   | NCC | FALSE  |
| Cct5   | NCC | FALSE  |
| Aurka  | NCC | FALSE  |
| Aldh1a2| NCC | FALSE  |
| Rrp12  | NCC | FALSE  |
| Crabp1 | NCC | FALSE  |
| Po1r1b | NCC | FALSE  |
| Bop1   | NCC | FALSE  |
| Seh1l  | NCC | FALSE  |
| C1qbp  | NCC | FALSE  |
| Esp1l  | NCC | FALSE  |
| Asf1b  | NCC | FALSE  |
| 2700038G2| NCC | FALSE |
| Rrs1   | NCC | FALSE  |
| Nek2   | NCC | FALSE  |
| Tcf7   | NCC | TRUE   |
| Fgfr2  | NCC | FALSE  |
| Ppm1g  | NCC | FALSE  |
| Arid3a | NCC | TRUE   |
| Iars   | NCC | FALSE  |
| Wdhd1  | NCC | FALSE  |
| Ercc6l | NCC | FALSE  |
| Haus6  | NCC | FALSE  |
| Cdc6   | NCC | FALSE  |
| Spsb4  | NCC | FALSE  |
| Dis3   | NCC | TRUE   |
| Pknox2 | NCC | TRUE   |
| Gene   | NCC | Status |
|--------|-----|--------|
| Mina   | NCC | FALSE  |
| Mob3b  | NCC | FALSE  |
| Incenp | NCC | FALSE  |
| Tfap2b | NCC | TRUE   |
| Nup107 | NCC | TRUE   |
| Kif2c  | NCC | FALSE  |
| Ect2   | NCC | FALSE  |
| Rcl1   | NCC | FALSE  |
| Pphln1 | NCC | FALSE  |
| Dars   | NCC | FALSE  |
| Wfikkn1| NCC | FALSE  |
| Ticrr  | NCC | FALSE  |
| Spag5  | NCC | FALSE  |
| Eme1   | NCC | FALSE  |
| Cbx2   | NCC | FALSE  |
| Blm    | NCC | FALSE  |
| Foxm1  | NCC | TRUE   |
| Nr6a1  | NCC | TRUE   |
| Wee1   | NCC | FALSE  |
| Rad51  | NCC | FALSE  |
| Pkdcc  | NCC | FALSE  |
| Ska3   | NCC | FALSE  |
| Polr3g | NCC | TRUE   |
| Cdc45  | NCC | FALSE  |
| Cdc25c | NCC | FALSE  |
| Sgo1   | NCC | FALSE  |
| Nat10  | NCC | FALSE  |
| Mybl2  | NCC | TRUE   |
| Plk4   | NCC | FALSE  |
| Utp15  | NCC | FALSE  |
| Wdr36  | NCC | FALSE  |
| B3gnt5 | NCC | FALSE  |
| Aurkb  | NCC | FALSE  |
| Dars2  | NCC | FALSE  |
| BC055324| NCC | FALSE |
| Tsr1   | NCC | FALSE  |
| Psmd1  | NCC | FALSE  |
| Brca1  | NCC | TRUE   |
| Eprs   | NCC | FALSE  |
| Ipo4   | NCC | FALSE  |
| Prdx6  | NCC | FALSE  |
| Tjp2   | NCC | FALSE  |
| Ccdc86 | NCC | FALSE  |
| Rrplb  | NCC | FALSE  |
| Ipo7   | NCC | FALSE  |
| Ccnf   | NCC | FALSE  |
| Slc1a3 | NCC | FALSE  |
| Fam64a | NCC | FALSE  |
| Cep78  | NCC | FALSE  |
| Eif1a  | NCC | FALSE  |
| Gene  | Type | Status |
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| Chaf1b | NCC  | FALSE  |
| Tbrg4  | NCC  | FALSE  |
| Mn1    | NCC  | FALSE  |
| Mcm8   | NCC  | FALSE  |
| C330027C0 | NCC | FALSE  |
| Fbxo5  | NCC  | FALSE  |
| Nsl1   | NCC  | FALSE  |
| Swap70 | NCC  | FALSE  |
| Lrrc59 | NCC  | FALSE  |
| Nmnat2 | NCC  | FALSE  |
| Zwilch | NCC  | FALSE  |
| Wdr75  | NCC  | FALSE  |
| Anln   | NCC  | FALSE  |
| Ddx20  | NCC  | TRUE   |
| Scd1   | NCC  | FALSE  |
| Sna1   | NCC  | TRUE   |
| Ralgps2| NCC  | FALSE  |
| Entpd6 | NCC  | FALSE  |
| D19Bwg135 | NCC | FALSE  |
| Ttk    | NCC  | FALSE  |
| Rps6ka1| NCC  | FALSE  |
| Dlgap5 | NCC  | FALSE  |
| Tfrc   | NCC  | FALSE  |
| Fgfr1op| NCC  | FALSE  |
| Itga9  | NCC  | FALSE  |
| Kif11  | NCC  | FALSE  |
| Zfp593 | NCC  | FALSE  |
| Lyar   | NCC  | FALSE  |
| Suv39h1| NCC  | FALSE  |
| 3110082I17 | NCC | FALSE  |
| Cacybp | NCC  | FALSE  |
| Ddx51  | NCC  | FALSE  |
| Chek2  | NCC  | FALSE  |
| Prps1  | NCC  | FALSE  |
| Cdca5  | NCC  | FALSE  |
| Greb1l | NCC  | FALSE  |
| Mir17hg| NCC  | FALSE  |
| Actn1  | NCC  | FALSE  |
| Mars   | NCC  | FALSE  |
| Tfap4  | NCC  | TRUE   |
| Zfp280c| NCC  | FALSE  |
| Cenpf  | NCC  | FALSE  |
| Meis2  | NCC  | TRUE   |
| Kpna1  | NCC  | FALSE  |
| Ncapg2 | NCC  | FALSE  |
| Mphosph11NCC | NCC | FALSE |
| Ak4    | NCC  | FALSE  |
| Utp18  | NCC  | TRUE   |
| Acly   | NCC  | FALSE  |
| Metap2 | NCC  | FALSE  |
| Gene       | NCC  | Status |
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| Mettl13    | NCC  | FALSE  |
| Rad54l     | NCC  | FALSE  |
| Wdr3       | NCC  | FALSE  |
| Wdr12      | NCC  | FALSE  |
| Chchd4     | NCC  | FALSE  |
| Hsp90aa1   | NCC  | FALSE  |
| Nuf2       | NCC  | FALSE  |
| Mad2l1     | NCC  | FALSE  |
| Spd1l      | NCC  | FALSE  |
| Gfm1       | NCC  | FALSE  |
| Gar1       | NCC  | TRUE   |
| Snhg4      | NCC  | FALSE  |
| Wbscr16    | NCC  | FALSE  |
| Larp4      | NCC  | TRUE   |
| Skiv2l2    | NCC  | FALSE  |
| Rnf219     | NCC  | FALSE  |
| Bysl       | NCC  | FALSE  |
| Fam208b    | NCC  | FALSE  |
| Wdr46      | NCC  | FALSE  |
| Rbpms2     | NCC  | FALSE  |
| Kti12      | NCC  | FALSE  |
| Lck        | NCC  | FALSE  |
| Sephs2     | NCC  | FALSE  |
| Cachd1     | NCC  | FALSE  |
| Arrb1      | NCC  | FALSE  |
| Nop9       | NCC  | FALSE  |
| Adk        | NCC  | FALSE  |
| Gtse1      | NCC  | FALSE  |
| Prmt7      | NCC  | FALSE  |
| Lrpprc     | NCC  | FALSE  |
| Cenpn      | NCC  | FALSE  |
| Kif20b     | NCC  | FALSE  |
| Dnajc11    | NCC  | FALSE  |
| Kif4       | NCC  | FALSE  |
| Rad51ap1   | NCC  | FALSE  |
| Slc25a26   | NCC  | FALSE  |
| E2f7       | NCC  | TRUE   |
| Sall3      | NCC  | TRUE   |
| Gcat       | NCC  | FALSE  |
| Casc5      | NCC  | FALSE  |
| Prms1      | NCC  | FALSE  |
| Pcsk9      | NCC  | FALSE  |
| Cep85      | NCC  | FALSE  |
| Mcph1      | NCC  | FALSE  |
| Traip      | NCC  | FALSE  |
| Gars       | NCC  | FALSE  |
| Nup54      | NCC  | FALSE  |
| Orc2       | NCC  | FALSE  |
| Kpna3      | NCC  | FALSE  |
| Mpp6       | NCC  | FALSE  |
| Gene  | NCC | NCC_Status |
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| Hmmr  | NCC | FALSE      |
| Galnt7| NCC | FALSE      |
| Nupl1 | NCC | FALSE      |
| Spc25 | NCC | FALSE      |
| Rars  | NCC | FALSE      |
| E2f8  | NCC | TRUE       |
| Cdca2 | NCC | FALSE      |
| Tomm40| NCC | FALSE      |
| Ybx1  | NCC | TRUE       |
| Rad18 | NCC | FALSE      |
| Nol6  | NCC | FALSE      |
| Rrp9  | NCC | FALSE      |
| Urb2  | NCC | FALSE      |
| Ska1  | NCC | FALSE      |
| Ppan  | NCC | FALSE      |
| Prdm12| NCC | TRUE       |
| Ednra | NCC | FALSE      |
| Cstf2 | NCC | TRUE       |
| Mdc1  | NCC | FALSE      |
| BC030867| NCC | FALSE |
| Nle1  | NCC | FALSE      |
| Cel1f | NCC | FALSE      |
| Aspm  | NCC | FALSE      |
| Elac2 | NCC | FALSE      |
| Pwp2  | NCC | FALSE      |
| Fkbp11| NCC | FALSE      |
| Polr1e| NCC | FALSE      |
| Tma16 | NCC | FALSE      |
| Ruvbl2| NCC | FALSE      |
| Ttc27 | NCC | FALSE      |
| Kpna2 | NCC | FALSE      |
| BC027231| NCC | FALSE |
| Hist1h1b| NCC | FALSE |
| Aatf  | NCC | FALSE      |
| Usp25 | NCC | FALSE      |
| Fam81a| NCC | FALSE      |
| Aars  | NCC | FALSE      |
| Otud6b| NCC | FALSE      |
| Dhx29 | NCC | FALSE      |
| Net1  | NCC | FALSE      |
| Gal3st4| NCC | FALSE |
| Ccne2 | NCC | FALSE      |
| Zfp503| NCC | TRUE       |
| Tnpo3 | NCC | FALSE      |
| Ankrd27| NCC | FALSE |
| Apitd1| NCC | FALSE      |
| Ddias | NCC | FALSE      |
| Mycn  | NCC | TRUE       |
| Ybx3  | NCC | FALSE      |
| Enoph1| NCC | FALSE      |
| Gene  | NCC | Status |
|-------|-----|--------|
| Cul1  | NCC | FALSE  |
| Nadk2 | NCC | FALSE  |
| Exosc7| NCC | FALSE  |
| Dsc1  | NCC | FALSE  |
| Naa25 | NCC | FALSE  |
| Fastkd3| NCC | FALSE  |
| Gtpbp4| NCC | FALSE  |
| Imp4  | NCC | FALSE  |
| Ppp1cb| NCC | FALSE  |
| Usp14 | NCC | FALSE  |
| Fancd2| NCC | FALSE  |
| Ndc80 | NCC | FALSE  |
| Sgo1  | NCC | FALSE  |
| Otud4 | NCC | TRUE   |
| Dnaaf2| NCC | FALSE  |
| Srsf2 | NCC | FALSE  |
| Zfp521| NCC | TRUE   |
| Slc1a5| NCC | FALSE  |
| Las1l | NCC | TRUE   |
| Bckdhp| NCC | FALSE  |
| Nifk  | NCC | FALSE  |
| Troap | NCC | FALSE  |
| Kntc1 | NCC | FALSE  |
| Gpatch4| NCC | FALSE  |
| Spata5| NCC | FALSE  |
| PbK   | NCC | FALSE  |
| Rbm19 | NCC | FALSE  |
| Canx  | NCC | TRUE   |
| Gprc5c| NCC | FALSE  |
| Eif3d | NCC | FALSE  |
| Stil  | NCC | FALSE  |
| Siah1b| NCC | FALSE  |
| Esco2 | NCC | FALSE  |
| Clic4 | NCC | FALSE  |
| Rai14 | NCC | FALSE  |
| Srfbp1| NCC | FALSE  |
| Uba6  | NCC | FALSE  |
| Slc45a3| NCC | FALSE  |
| Med18 | NCC | FALSE  |
| Nudc  | NCC | FALSE  |
| Ints5 | NCC | FALSE  |
| Ppwd1 | NCC | FALSE  |
| Zfp930| NCC | TRUE   |
| Eif4ebp2| NCC | FALSE  |
| Cenpq | NCC | FALSE  |
| Cct2  | NCC | FALSE  |
| Ctdp1 | NCC | FALSE  |
| Tmem132c| NCC | FALSE  |
| Arhgap19| NCC | FALSE  |
| Sall1 | NCC | TRUE   |
Nampt   NCC   FALSE
Cmss1   NCC   FALSE
Ckap2l   NCC   FALSE
Mogs   NCC   FALSE
Cenpi   NCC   FALSE
Zym1   NCC   FALSE
Trmt6   NCC   FALSE
Ahsa1   NCC   FALSE
D16Ertd47;   NCC   FALSE
Ackr3   NCC   FALSE
Elf4h   NCC   FALSE
Dyrk3   NCC   FALSE
Smc4   NCC   FALSE
Prep   NCC   FALSE
Nol8   NCC   FALSE
Shmt2   NCC   FALSE
Gins3   NCC   FALSE
Gins1   NCC   FALSE
Pnpt1   NCC   FALSE
Cep55   NCC   FALSE
Pask   NCC   FALSE
Urb1   NCC   FALSE
Cndp2   NCC   FALSE
Plaa   NCC   FALSE
Cars   NCC   FALSE
Fam98a   NCC   FALSE
Fam84b   NCC   FALSE
Tube1   NCC   FALSE
Tars2   NCC   FALSE
Mak16   NCC   FALSE
Mrtou   NCC   FALSE
Orc1   NCC   FALSE
Oip5   NCC   FALSE
Xrcc6bp1   NCC   FALSE
Rras2   NCC   FALSE
Rmi2   NCC   FALSE
Cenpw   NCC   FALSE
Immt   NCC   FALSE
Tiparp   NCC   FALSE
Noc3l   NCC   FALSE
Mogat2   NCC   FALSE
Mat2a   NCC   FALSE
Ltv1   NCC   FALSE
Gbx2   NCC   TRUE
Cth   NCC   FALSE
Ipkmk   NCC   FALSE
Krr1   NCC   FALSE
Rpp40   NCC   FALSE
Dbr1   NCC   FALSE
Wdr55   NCC   FALSE
| Gene      | NCC | Status |
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| Ddx10     | NCC | FALSE  |
| Cs        | NCC | FALSE  |
| Wnt1      | NCC | FALSE  |
| L2hdh     | NCC | FALSE  |
| Arhgap11a | NCC | FALSE  |
| Wars      | NCC | FALSE  |
| Rad23b    | NCC | FALSE  |
| Syce2     | NCC | FALSE  |
| Gtpbp10   | NCC | FALSE  |
| Axin2     | NCC | FALSE  |
| Farsb     | NCC | FALSE  |
| Ccnj      | NCC | FALSE  |
| Nkd1      | NCC | FALSE  |
| Cenpu     | NCC | FALSE  |
| Abcb7     | NCC | FALSE  |
| Polq      | NCC | FALSE  |
| Rpusd2    | NCC | FALSE  |
| Dhx37     | NCC | FALSE  |
| Stag1     | NCC | FALSE  |
| 1700052N1 | NCC | FALSE  |
| Hnrnph1   | NCC | FALSE  |
| Pus1      | NCC | FALSE  |
| Gtf2e1    | NCC | FALSE  |
| Trmt61a   | NCC | FALSE  |
| 2810408I1 | NCC | FALSE  |
| Cct7      | NCC | FALSE  |
| Alg13     | NCC | FALSE  |
| Abhd17c   | NCC | FALSE  |
| Ror1      | NCC | FALSE  |
| Eif2b3    | NCC | FALSE  |
| Zfp280b   | NCC | TRUE   |
| Neurog2   | NCC | TRUE   |
| A630089N   | NCC | FALSE  |
| Nufip1    | NCC | FALSE  |
| Shq1      | NCC | FALSE  |
| Rps6ka3   | NCC | FALSE  |
| Ptgis     | NCC | FALSE  |
| Fpgs      | NCC | FALSE  |
| Eri2      | NCC | FALSE  |
| Cry1      | NCC | FALSE  |
| Ece2      | NCC | FALSE  |
| Vprbp     | NCC | FALSE  |
| Dgcr8     | NCC | TRUE   |
| Pecr      | NCC | FALSE  |
| Fam195a   | NCC | FALSE  |
| L3mbtl2   | NCC | FALSE  |
| Apod      | NCC | FALSE  |
| Pde3b     | NCC | FALSE  |
| Top3a     | NCC | FALSE  |
| Rps6ka6   | NCC | FALSE  |
| Gene  | Distance | Category | Status |
|-------|----------|----------|--------|
| Sass6 | NCC      | FALSE    |        |
| Gabpb1| NCC      | TRUE     |        |
| Tinf2 | NCC      | FALSE    |        |
| Asns  | NCC      | FALSE    |        |
| Ube2c | NCC      | FALSE    |        |
| Clp1  | NCC      | FALSE    |        |
| Kif23 | NCC      | FALSE    |        |
| Arid3b| NCC      | TRUE     |        |
| Pbo1  | NCC      | FALSE    |        |
| Mett16| NCC      | FALSE    |        |
| Gga2  | NCC      | FALSE    |        |
| Parl  | NCC      | FALSE    |        |
| Slc7a5| NCC      | FALSE    |        |
| Senp2 | NCC      | FALSE    |        |
| Gsg2  | NCC      | FALSE    |        |
| Ppp1r7| NCC      | FALSE    |        |
| Zranb3| NCC      | FALSE    |        |
| Ccdc160| NCC  | FALSE    |        |
| Psmd14| NCC      | FALSE    |        |
| Zgrf1 | NCC      | FALSE    |        |
| Usp15 | NCC      | FALSE    |        |
| Orc5  | NCC      | FALSE    |        |
| Hoxa1 | NCC      | TRUE     |        |
| Thada | NCC      | FALSE    |        |
| Slc16a3| NCC  | FALSE    |        |
| Dhodh | NCC      | FALSE    |        |
| Dut   | NCC      | FALSE    |        |
| Ccdc6 | NCC      | FALSE    |        |
| Nom1  | NCC      | FALSE    |        |
| Pak4  | NCC      | FALSE    |        |
| Shb   | NCC      | FALSE    |        |
| Gpn3  | NCC      | FALSE    |        |
| Mastl | NCC      | FALSE    |        |
| Nars  | NCC      | FALSE    |        |
| Tango6| NCC      | FALSE    |        |
| Acy1  | NCC      | FALSE    |        |
| Recql4| NCC      | FALSE    |        |
| Nop14 | NCC      | FALSE    |        |
| Etaa1 | NCC      | FALSE    |        |
| Mrpl12| NCC      | FALSE    |        |
| Prdm4 | NCC      | TRUE     |        |
| Hoxaa3| NCC      | FALSE    |        |
| Rpp38 | NCC      | FALSE    |        |
| Nadk  | NCC      | FALSE    |        |
| Cep135| NCC      | FALSE    |        |
| Naf1  | NCC      | FALSE    |        |
| Rwdd4a| NCC      | FALSE    |        |
| Trmt10c| NCC  | FALSE    |        |
| Aars2 | NCC      | FALSE    |        |
| Eogt  | NCC      | FALSE    |        |
| Gene | NCC | Status |
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| Coil | NCC | FALSE  |
| Gfm2 | NCC | FALSE  |
| Car14 | NCC | FALSE  |
| Ppp2r5a | NCC | FALSE  |
| Aldoa | NCC | FALSE  |
| Nop16 | NCC | FALSE  |
| Stard7 | NCC | FALSE  |
| Nsun5 | NCC | FALSE  |
| Lipt2 | NCC | FALSE  |
| Nob1 | NCC | FALSE  |
| 1810011O10 | NCC | FALSE  |
| Uspl1 | NCC | FALSE  |
| Mdm1 | NCC | FALSE  |
| Klhl12 | NCC | FALSE  |
| Trmt5 | NCC | FALSE  |
| Rnmtl1 | NCC | FALSE  |
| Ept1 | NCC | FALSE  |
| Enkd1 | NCC | FALSE  |
| Rnaseh1 | NCC | FALSE  |
| Znrf3 | NCC | FALSE  |
| Pcnt | NCC | FALSE  |
| Gfpt2 | NCC | FALSE  |
| Mgme1 | NCC | FALSE  |
| Znhit6 | NCC | FALSE  |
| Trmt11 | NCC | FALSE  |
| Fut10 | NCC | FALSE  |
| Dusp5 | NCC | FALSE  |
| Srpk1 | NCC | FALSE  |
| Pcgf6 | NCC | FALSE  |
| Baiap2l1 | NCC | FALSE  |
| Clhc1 | NCC | FALSE  |
| Mis12 | NCC | FALSE  |
| Homez | NCC | TRUE   |
| Trappc13 | NCC | FALSE  |
| Cpne1 | NCC | FALSE  |
| Acvr2b | NCC | FALSE  |
| Wdr90 | NCC | FALSE  |
| Rpf2 | NCC | FALSE  |
| Itpr1 | NCC | FALSE  |
| Fkbp5 | NCC | FALSE  |
| Ddx23 | NCC | FALSE  |
| Aldh18a1 | NCC | FALSE  |
| Racgap1 | NCC | FALSE  |
| Cwf19i1 | NCC | FALSE  |
| Qtrt1 | NCC | FALSE  |
| Lrr1 | NCC | FALSE  |
| Mrps18b | NCC | FALSE  |
| Usp24 | NCC | FALSE  |
| Wdr73 | NCC | FALSE  |
| Ddx31 | NCC | FALSE  |
| Gene    | NCC | Status |
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| Rtel1   | NCC | FALSE  |
| BC052040| NCC | FALSE  |
| Sms     | NCC | FALSE  |
| Desi1   | NCC | FALSE  |
| Fanci   | NCC | FALSE  |
| Sfrp5   | NCC | FALSE  |
| Arhgap10| NCC | FALSE  |
| Bag2    | NCC | FALSE  |
| Gmfb    | NCC | FALSE  |
| Snora65 | NCC | FALSE  |
| Atp11c  | NCC | FALSE  |
| 9130401M| NCC | FALSE  |
| Nek6    | NCC | FALSE  |
| Yars    | NCC | FALSE  |
| Ptbp3   | NCC | FALSE  |
| Dph5    | NCC | FALSE  |
| Rabepk  | NCC | FALSE  |
| Tufm    | NCC | FALSE  |
| Usp8    | NCC | FALSE  |
| G3bp2   | NCC | FALSE  |
| Osgepl1 | NCC | FALSE  |
| Ap1ar   | NCC | FALSE  |
| Xpo6    | NCC | FALSE  |
| Ubiad1  | NCC | FALSE  |
| Palb2   | NCC | FALSE  |
| Hic2    | NCC | TRUE   |
| Acaca   | NCC | FALSE  |
| Edem1   | NCC | FALSE  |
| Grsf1   | NCC | FALSE  |
| Eif2b5  | NCC | FALSE  |
| Fastkd5 | NCC | FALSE  |
| Aimp2   | NCC | FALSE  |
| Ccc117  | NCC | FALSE  |
| Ckap5   | NCC | FALSE  |
| Nr2f2   | NCC | TRUE   |
| Dnaja3  | NCC | FALSE  |
| Ubox5   | NCC | FALSE  |
| Zfp423  | NCC | FALSE  |
| Hist1h2ae| NCC | FALSE  |
| Ppp5c   | NCC | TRUE   |
| Zdhhc3  | NCC | FALSE  |
| Smtnl2  | NCC | FALSE  |
| Wasf3   | NCC | FALSE  |
| Xkr5    | NCC | FALSE  |
| Xrcc2   | NCC | FALSE  |
| Yae1d1  | NCC | FALSE  |
| Zmynd19 | NCC | FALSE  |
| 5730408K0| NCC | FALSE  |
| Ankle1  | NCC | FALSE  |
| Tex30   | NCC | FALSE  |
| Gene   | Category | Value |
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| Wdr74  | NCC      | FALSE |
| Dm1t1  | NCC      | FALSE |
| Mis18a | NCC      | FALSE |
| Tkt    | NCC      | FALSE |
| Cipc   | NCC      | FALSE |
| Rab23  | NCC      | FALSE |
| Haus5  | NCC      | FALSE |
| Pcid2  | NCC      | FALSE |
| Dph1   | NCC      | FALSE |
| Spryd4 | NCC      | FALSE |
| Arl5b  | NCC      | FALSE |
| Atplb3 | NCC      | FALSE |
| Med4   | NCC      | FALSE |
| Haus2  | NCC      | FALSE |
| Ras11a | NCC      | FALSE |
| Rad54b | NCC      | FALSE |
| Wdr4   | NCC      | FALSE |
| Thg1l  | NCC      | FALSE |
| Fem1b  | NCC      | FALSE |
| Vamp3  | NCC      | TRUE  |
| Mutyh  | NCC      | FALSE |
| Pkmyt1 | NCC      | FALSE |
| Twistnb| NCC      | FALSE |
| Brip1  | NCC      | FALSE |
| Pus10  | NCC      | FALSE |
| Bbx    | NCC      | TRUE  |
| Ercc8  | NCC      | FALSE |
| Mipep  | NCC      | FALSE |
| Uhrflbp1| NCC    | FALSE |
| Amot   | NCC      | FALSE |
| Cit    | NCC      | FALSE |
| Gstd  | NCC      | FALSE |
| Slc25a33| NCC    | FALSE |
| Msx3   | NCC      | TRUE  |
| Emb    | NCC      | FALSE |
| Rab34  | NCC      | FALSE |
| Trib1  | NCC      | FALSE |
| Nek4   | NCC      | FALSE |
| Tbc1d31| NCC      | FALSE |
| Slc35e1| NCC      | FALSE |
| Hccs   | NCC      | FALSE |
| Abi2   | NCC      | FALSE |
| Uchi3  | NCC      | FALSE |
| Pidd1  | NCC      | FALSE |
| Fam53b | NCC      | FALSE |
| 2810408M| NCC   | FALSE |
| Ccdc14 | NCC      | FALSE |
| Dcbld2 | NCC      | FALSE |
| Kif14  | NCC      | FALSE |
| Tefm   | NCC      | FALSE |
| Gene       | NCC | Value |
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| Ppp4r1     | NCC | FALSE |
| Ccdc18     | NCC | FALSE |
| Tmem97     | NCC | FALSE |
| Gm17296    | NCC | FALSE |
| Nif3l1     | NCC | FALSE |
| Trub1      | NCC | FALSE |
| Mrpl19     | NCC | FALSE |
| Timm8a1    | NCC |  TRUE |
| Errfi1     | NCC | FALSE |
| Hs3st3b1   | NCC | FALSE |
| Cinp       | NCC | FALSE |
| Psmd11     | NCC | FALSE |
| Slc6a6     | NCC | FALSE |
| Mecr       | NCC | FALSE |
| Pawr       | NCC | FALSE |
| Taf4b      | NCC | FALSE |
| Rnf168     | NCC | FALSE |
| Tut1       | NCC | FALSE |
| Lin54      | NCC | FALSE |
| Hist1h2ab  | NCC | FALSE |
| Depdc1a    | NCC | FALSE |
| Hs6st2     | NCC | FALSE |
| Adat1      | NCC | FALSE |
| 4930427Ac | NCC | FALSE |
| Heatr2     | NCC | FALSE |
| Nars2      | NCC | FALSE |
| Sfxn2      | NCC | FALSE |
| Gtf2a1     | NCC |  TRUE |
| Bivm       | NCC | FALSE |
| Hbb-bh1    | NCC | FALSE |
| Dtwd1      | NCC | FALSE |
| Fam175a    | NCC | FALSE |
| Mnd1       | NCC | FALSE |
| Hdgf       | NCC | FALSE |
| Smcr8      | NCC | FALSE |
| Mcc        | NCC | FALSE |
| Slc25a15   | NCC | FALSE |
| Sfmbt1     | NCC | FALSE |
| Boc        | NCC | FALSE |
| Nusap1     | NCC | FALSE |
| Prc1       | NCC | FALSE |
| Exosc1     | NCC | FALSE |
| Adck1      | NCC | FALSE |
| Rad1       | NCC | FALSE |
| Pja1       | NCC | FALSE |
| Liph       | NCC | FALSE |
| Srbd1      | NCC |  TRUE |
| Wnk3       | NCC | FALSE |
| Car11      | NCC | FALSE |
| Dgat2      | NCC | FALSE |
| Gene       | NCC | Status |
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| Slc30a5    | NCC | FALSE  |
| Cldn1      | NCC | FALSE  |
| Wrap53     | NCC | FALSE  |
| Kbtbd8     | NCC | FALSE  |
| Usp36      | NCC | FALSE  |
| Ice2       | NCC | FALSE  |
| Alms1      | NCC | FALSE  |
| Hmha1      | NCC | FALSE  |
| Rdh13      | NCC | FALSE  |
| Rangfr     | NCC | FALSE  |
| Wdr70      | NCC | FALSE  |
| Grhpr      | NCC | TRUE   |
| Cxcr4      | NCC | FALSE  |
| Ndufaf6    | NCC | FALSE  |
| Lrrc58     | NCC | FALSE  |
| Ddx25      | NCC | FALSE  |
| Eif2b1     | NCC | FALSE  |
| Pdxk       | NCC | FALSE  |
| Zfp706     | NCC | TRUE   |
| Ush1c      | NCC | FALSE  |
| Zfp703     | NCC | FALSE  |
| Cyb5b      | NCC | FALSE  |
| Fastkd1    | NCC | FALSE  |
| Nfx1       | NCC | FALSE  |
| Elp6       | NCC | FALSE  |
| Rdh10      | NCC | FALSE  |
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| Mthfd2     | NCC | FALSE  |
| Usp46      | NCC | FALSE  |
| Myo19      | NCC | FALSE  |
| Dclre1b    | NCC | FALSE  |
| Lpcat1     | NCC | FALSE  |
| Mettl5     | NCC | FALSE  |
| Aff3       | NCC | FALSE  |
| Piga       | NCC | FALSE  |
| Stk39      | NCC | FALSE  |
| Rap1gds1   | NCC | FALSE  |
| Hoxa9      | NCC | TRUE   |
| 2700097O0C| NCC | FALSE  |
| Chst2      | NCC | FALSE  |
| Vac14      | NCC | FALSE  |
| Zfp385a    | NCC | TRUE   |
| Tubb4b     | NCC | FALSE  |
| Gclc       | NCC | FALSE  |
| Hyou1      | NCC | FALSE  |
| Zfp850     | NCC | TRUE   |
| Arxes1     | NCC | FALSE  |
| Tmem183a   | NCC | FALSE  |
| Pdss1      | NCC | FALSE  |
| Gli1       | NCC | TRUE   |
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| Alpl     | NCC | FALSE  |
| Toe1     | NCC | FALSE  |
| Pdss2    | NCC | FALSE  |
| Ebna1bp2 | NCC | FALSE  |
| Bard1    | NCC | FALSE  |
| Tbccd1   | NCC | FALSE  |
| Homer1   | NCC | FALSE  |
| 1810043G | NCC | FALSE  |
| Cep83    | NCC | FALSE  |
| Kctd15   | NCC | FALSE  |
| Edrf1    | NCC | FALSE  |
| Fam83d   | NCC | FALSE  |
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| Ztb11    | NCC | TRUE   |
| Rbm6     | NCC | FALSE  |
| Mtrr     | NCC | FALSE  |
| Cbll1    | NCC | FALSE  |
| Rev1     | NCC | FALSE  |
| Snhg12   | NCC | FALSE  |
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| Nubp1    | NCC | FALSE  |
| Polr3b   | NCC | FALSE  |
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| Ada      | NCC | FALSE  |
| Larp1    | NCC | TRUE   |
| Kif18a   | NCC | FALSE  |
| 5830418K0| NCC | FALSE  |
| Ttc30a1  | NCC | FALSE  |
| Gen1     | NCC | FALSE  |
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| Fam20b   | NCC | FALSE  |
| Ak6      | NCC | TRUE   |
| Nupl2    | NCC | FALSE  |
| Utp23    | NCC | FALSE  |
| Tmem194  | NCC | FALSE  |
| Naa10    | NCC | FALSE  |
| Rpl34    | NCC | FALSE  |
| Aldh9a1  | NCC | FALSE  |
| Hoxb6    | NCC | TRUE   |
| Timm50   | NCC | FALSE  |
| Fam203a  | NCC | FALSE  |
| Pafah1b2 | NCC | FALSE  |
| Smc3     | NCC | TRUE   |
| Ubtf     | NCC | TRUE   |
| Fasn     | NCC | FALSE  |
| Snhg5    | NCC | FALSE  |
| Rbbp5    | NCC | TRUE   |
| Gene Symbol | NCC | Status |
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| Mtrmr4      | NCC  | FALSE |
| lqgap3      | NCC  | FALSE |
| Hira        | NCC  | FALSE |
| Col1a2      | NCC  | FALSE |
| Zdhhc13     | NCC  | FALSE |
| Pitpnb      | NCC  | FALSE |
| Bcl2l11     | NCC  | FALSE |
| Lactb2      | NCC  | FALSE |
| Eno1b.1     | NCC  | FALSE |
| Focad       | NCC  | FALSE |
| Psme5       | NCC  | FALSE |
| Zswim7      | NCC  | FALSE |
| Snip1       | NCC  | FALSE |
| Zpr1        | NCC  | FALSE |
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| Timm10      | NCC  | FALSE |
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| G2e3        | NCC  | FALSE |
| Depdc1b     | NCC  | FALSE |
| 1110008L1   | NCC  | FALSE |
| 9930014A1   | NCC  | FALSE |
| Thap4       | NCC  | FALSE |
| Nfe2l2      | NCC  | TRUE  |
| Yy2         | NCC  | TRUE  |
| Unc119b     | NCC  | FALSE |
| Mmachc      | NCC  | FALSE |
| Nfs1        | NCC  | FALSE |
| Tmem245     | NCC  | FALSE |
| Tspan9      | NCC  | FALSE |
| Wdr48       | NCC  | FALSE |
| Zfp442      | NCC  | TRUE  |
| Traf6       | NCC  | FALSE |
| Gnl2        | NCC  | FALSE |
| Taf1b       | NCC  | FALSE |
| Gm13157     | NCC  | FALSE |
| Map3k4      | NCC  | FALSE |
| Arv1        | NCC  | FALSE |
| Ube2k       | NCC  | TRUE  |
| Tmem37      | NCC  | FALSE |
| Got1        | NCC  | TRUE  |
| Gnb1l       | NCC  | FALSE |
| Dym         | NCC  | FALSE |
| Ccrn4l      | NCC  | FALSE |
| Ankrd32     | NCC  | FALSE |
| Ddx28       | NCC  | FALSE |
| Ddx19b      | NCC  | FALSE |
| Gtpbp8      | NCC  | FALSE |
| Ints10      | NCC  | FALSE |
| Glmn        | NCC  | FALSE |
| Gene      | NCC | Status |
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| Smug1     | NCC | TRUE   |
| Xrcc3     | NCC | FALSE  |
| Dcc       | NCC | FALSE  |
| Gtf2f2    | NCC | FALSE  |
| Arxes2    | NCC | FALSE  |
| Thoc5     | NCC | FALSE  |
| Cops7a    | NCC | FALSE  |
| Lrrc47    | NCC | FALSE  |
| Slit1     | NCC | FALSE  |
| Get4      | NCC | FALSE  |
| 9230110C1| NCC | FALSE  |
| Egfl7     | NCC | FALSE  |
| Snord52   | NCC | FALSE  |
| Trim37    | NCC | FALSE  |
| Cblb      | NCC | FALSE  |
| Dusp9     | NCC | FALSE  |
| Mettl4    | NCC | FALSE  |
| Recql     | NCC | FALSE  |
| Coa7      | NCC | FALSE  |
| Fem1c     | NCC | FALSE  |
| Tarbp2    | NCC | FALSE  |
| Zfp280d   | NCC | TRUE   |
| Faf1      | NCC | FALSE  |
| Txnrd3    | NCC | FALSE  |
| Lsm3      | NCC | FALSE  |
| Dbp       | NCC | TRUE   |
| Apex2     | NCC | TRUE   |
| Rngtt     | NCC | FALSE  |
| Cenpj     | NCC | FALSE  |
| Papd5     | NCC | FALSE  |
| Tonsl     | NCC | FALSE  |
| Ogfod1    | NCC | FALSE  |
| Rabl2     | NCC | FALSE  |
| Pou2f1    | NCC | TRUE   |
| Rmdn3     | NCC | FALSE  |
| Cenpl     | NCC | FALSE  |
| Hspa5     | NCC | TRUE   |
| Vrk2      | NCC | FALSE  |
| Prom1     | NCC | FALSE  |
| Bid       | NCC | FALSE  |
| Coq3      | NCC | FALSE  |
| Nup210    | NCC | FALSE  |
| Bcs1l     | NCC | FALSE  |
| Pctp      | NCC | FALSE  |
| Hmgxb3    | NCC | FALSE  |
| Ercc2     | NCC | FALSE  |
| Epb4.1    | NCC | FALSE  |
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| Flywch1   | NCC | FALSE  |
| Gene     | NCC | Status |
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| Actr3    | NCC | FALSE  |
| Ddx24    | NCC | FALSE  |
| Atp5b    | NCC | FALSE  |
| Helq     | NCC | FALSE  |
| Hnrnpa1  | NCC | FALSE  |
| Sirt1    | NCC | FALSE  |
| Ube2l    | NCC | FALSE  |
| Got2     | NCC | FALSE  |
| Ercc6l2  | NCC | FALSE  |
| Diefx    | NCC | FALSE  |
| Coxl0    | NCC | FALSE  |
| Hspbap1  | NCC | FALSE  |
| Osgin2   | NCC | FALSE  |
| Steap1   | NCC | FALSE  |
| Sdha2    | NCC | FALSE  |
| L3mbtl3  | NCC | FALSE  |
| Rad9a    | NCC | FALSE  |
| Cox15    | NCC | FALSE  |
| Larp4b   | NCC | FALSE  |
| Tti2     | NCC | FALSE  |
| Det1     | NCC | FALSE  |
| Zfp239   | NCC | TRUE   |
| Dlat     | NCC | FALSE  |
| Rexo2    | NCC | FALSE  |
| Cep72    | NCC | FALSE  |
| Zfp131   | NCC | TRUE   |
| Dtnb     | NCC | FALSE  |
| Anpep    | NCC | FALSE  |
| Xab2     | NCC | FALSE  |
| Zfp143   | NCC | TRUE   |
| Ptcd2    | NCC | FALSE  |
| Tyw3     | NCC | FALSE  |
| Mrrf     | NCC | FALSE  |
| Smarca5-p:| NCC | FALSE  |
| Gnl1     | NCC | FALSE  |
| Zbtb16   | NCC | TRUE   |
| Setx     | NCC | FALSE  |
| Tra2a    | NCC | FALSE  |
| Ilf2     | NCC | TRUE   |
| Med9     | NCC | FALSE  |
| Top1mt   | NCC | FALSE  |
| 2610305D1NCC | NCC | FALSE  |
| Rpl5     | NCC | FALSE  |
| Dtd1     | NCC | FALSE  |
| 2700062C0NCC | NCC | FALSE  |
| Kat7     | NCC | FALSE  |
| Atp2a2   | NCC | FALSE  |
| Pdk1     | NCC | FALSE  |
| Coq5     | NCC | FALSE  |
| Gene      | NCC | Value |
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| Alkbh8    | NCC | FALSE |
| Lgl2      | NCC | FALSE |
| Polr2f    | NCC | FALSE |
| Sypl      | NCC | FALSE |
| Ly75      | NCC | FALSE |
| Alg3      | NCC | FALSE |
| Med26     | NCC | FALSE |
| Pet112    | NCC | FALSE |
| Rad51c    | NCC | FALSE |
| Rrn3      | NCC | FALSE |
| Capn15    | NCC | FALSE |
| Secisbp2  | NCC | FALSE |
| Kdm2b     | NCC | TRUE  |
| 2700099C1 | NCC | FALSE |
| Setdb2    | NCC | FALSE |
| Fam207a   | NCC | FALSE |
| Gne       | NCC | FALSE |
| 2310022B  | NCC | FALSE |
| Farsa     | NCC | FALSE |
| Slc35d1   | NCC | FALSE |
| Parpbp    | NCC | FALSE |
| Dph2      | NCC | FALSE |
| Zfp668    | NCC | TRUE  |
| Rpusd3    | NCC | FALSE |
| Stk38l    | NCC | FALSE |
| Hprt      | NCC | FALSE |
| Abcb6     | NCC | FALSE |
| Akap1     | NCC | FALSE |
| Aar2      | NCC | FALSE |
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| Ccd90b    | NCC | FALSE |
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| Trmt2a    | NCC | FALSE |
| Fam188b   | NCC | FALSE |
| Rnf34     | NCC | FALSE |
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| Usp42     | NCC | FALSE |
| Txnl4a    | NCC | FALSE |
| Acsf3     | NCC | FALSE |
| Panch1    | NCC | FALSE |
| Dhx34     | NCC | FALSE |
| Dlst      | NCC | FALSE |
| Zbtb9     | NCC | FALSE |
| 2700046AC | NCC | FALSE |
| Csn3      | NCC | FALSE |
| Col4a5    | NCC | FALSE |
| Psmc1     | NCC | FALSE |
| Abcf1     | NCC | FALSE |
| Telo2     | NCC | FALSE |
| Gene      | NCC | Status |
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| Jade3     | NCC | FALSE  |
| Nup88     | NCC | FALSE  |
| Nagpa     | NCC | FALSE  |
| Timm9     | NCC | FALSE  |
| Gnpan1    | NCC | FALSE  |
| Morc3     | NCC | FALSE  |
| Dnajc21   | NCC | TRUE   |
| Hist1h1d  | NCC | FALSE  |
| Ttc37     | NCC | FALSE  |
| Efnb1     | NCC | FALSE  |
| Afg3l2    | NCC | FALSE  |
| Fbxo42    | NCC | FALSE  |
| Fktn      | NCC | FALSE  |
| Crybg3    | NCC | FALSE  |
| Zfp646    | NCC | TRUE   |
| Tenm4     | NCC | FALSE  |
| Stk35     | NCC | FALSE  |
| Stt3b     | NCC | FALSE  |
| 1600002H0 | NCC | FALSE  |
| Tfap2c    | NCC | TRUE   |
| Etnk1     | NCC | FALSE  |
| Cldn12    | NCC | FALSE  |
| Crsnp3    | NCC | FALSE  |
| Polh      | NCC | FALSE  |
| Pde7a     | NCC | FALSE  |
| Ddi2      | NCC | FALSE  |
| Znhit3    | NCC | FALSE  |
| Hace1     | NCC | FALSE  |
| Taf5      | NCC | FALSE  |
| Simc1     | NCC | FALSE  |
| Setd6     | NCC | FALSE  |
| Pdcd7     | NCC | FALSE  |
| Has2      | NCC | FALSE  |
| Tmem209   | NCC | FALSE  |
| N4bp3     | NCC | FALSE  |
| Slc11a2   | NCC | FALSE  |
| Akip1     | NCC | FALSE  |
| Slc35a3   | NCC | FALSE  |
| Hist1h4d  | NCC | FALSE  |
| Def8      | NCC | FALSE  |
| Cdkal1    | NCC | FALSE  |
| Snord22   | NCC | FALSE  |
| Slc38a4   | NCC | FALSE  |
| Ippk      | NCC | FALSE  |
| Kpn6a     | NCC | FALSE  |
| Tbp       | NCC | TRUE   |
| Pars2     | NCC | FALSE  |
| Ccbl2     | NCC | FALSE  |
| Rpl24     | NCC | FALSE  |
| Txlng     | NCC | FALSE  |
|Gene       | NCC | Status|
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|Ubxn2b     | NCC | FALSE |
|Ero1l      | NCC | FALSE |
|Snapc4     | NCC | TRUE  |
|Brpf1      | NCC | FALSE |
|Cdk5rap1   | NCC | FALSE |
|Btbd19     | NCC | FALSE |
|Kif24      | NCC | FALSE |
|Opn3       | NCC | FALSE |
|Nudt19     | NCC | FALSE |
|Fam169a    | NCC | FALSE |
|Thap11     | NCC | TRUE  |
|Sh2b2      | NCC | FALSE |
|Supt3      | NCC | FALSE |
|Lect1      | NCC | FALSE |
|Prosc      | NCC | FALSE |
|Ccnt1      | NCC | FALSE |
|Ube2n      | NCC | FALSE |
|Snord47    | NCC | FALSE |
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|Atp5sl     | NCC | FALSE |
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|Pcdh8      | NCC | FALSE |
|Mdm4       | NCC | FALSE |
|Mpped1     | NCC | FALSE |
|Sf3a2      | NCC | FALSE |
|Trpc4ap    | NCC | FALSE |
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|Fam101a    | NCC | FALSE |
|Rragd      | NCC | FALSE |
|Eral1      | NCC | FALSE |
|Zcchc4     | NCC | FALSE |
|Snrnp25    | NCC | FALSE |
|Letm1      | NCC | FALSE |
|Uqcc1      | NCC | FALSE |
|Nomo1      | NCC | FALSE |
|Sssca1     | NCC | FALSE |
|Gpr89      | NCC | FALSE |
|Xrn2       | NCC | FALSE |
|Lanc12     | NCC | FALSE |
|Wdr89      | NCC | FALSE |
|Pif1       | NCC | FALSE |
|Senp8      | NCC | FALSE |
|Ecsit      | NCC | TRUE  |
|Ccdc163    | NCC | FALSE |
|Mgmt       | NCC | FALSE |
|Mib1       | NCC | FALSE |
|Ube2v2     | NCC | FALSE |
|Actr6      | NCC | FALSE |
|Usp54      | NCC | FALSE |
| Gene   | NCC | Value |
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| Polrmt | NCC | FALSE |
| Rmi1   | NCC | FALSE |
| Snora64| NCC | FALSE |
| Angel1 | NCC | FALSE |
| Hiat1  | NCC | FALSE |
| Trim6  | NCC | FALSE |
| Khdrbs1| NCC | FALSE |
| Zfp869 | NCC | TRUE  |
| Pcx    | NCC | FALSE |
| Mmgt1  | NCC | FALSE |
| Slx4   | NCC | FALSE |
| Cnksr3 | NCC | FALSE |
| Gpbp1  | NCC | FALSE |
| Casp9  | NCC | FALSE |
| Sestd1 | NCC | FALSE |
| Draxin | NCC | FALSE |
| Snx8   | NCC | FALSE |
| Fam72a | NCC | FALSE |
| Tmem110| NCC | FALSE |
| Slc46a1| NCC | FALSE |
| Mtpn   | NCC | FALSE |
| Zfp12  | NCC | TRUE  |
| Fbl    | NCC | FALSE |
| Gtf3c5 | NCC | TRUE  |
| Pnpo   | NCC | FALSE |
| Mrps31 | NCC | FALSE |
| Ptn    | NCC | FALSE |
| Csnk2a2| NCC | FALSE |
| Sigmar1| NCC | FALSE |
| Hoxc4  | NCC | TRUE  |
| Nln    | NCC | FALSE |
| Rpap2  | NCC | FALSE |
| Zfp566 | NCC | TRUE  |
| Pcyt1a | NCC | FALSE |
| Rpn2   | NCC | FALSE |
| Pacr1l | NCC | FALSE |
| Tbl2   | NCC | FALSE |
| Caprin2| NCC | FALSE |
| Lrrc14 | NCC | FALSE |
| Emi3   | NCC | FALSE |
| Fscn1  | NCC | FALSE |
| Far1   | NCC | FALSE |
| Srrm1  | NCC | FALSE |
| Alkbh4 | NCC | FALSE |
| Nkx1-2 | NCC | TRUE  |
| Zfp251 | NCC | TRUE  |
| Nup35  | NCC | FALSE |
| Kank1  | NCC | FALSE |
| Pdcd2  | NCC | FALSE |
| Gene      | NCC | Status |
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| 1110057K0 | NCC | FALSE  |
| Zfp407    | NCC | TRUE   |
| Mettl8    | NCC | FALSE  |
| Mob1b     | NCC | FALSE  |
| Eftud1    | NCC | FALSE  |
| Agk       | NCC | FALSE  |
| Cdpf1     | NCC | FALSE  |
| Zbtb43    | NCC | TRUE   |
| Neil3     | NCC | FALSE  |
| Psmb7     | NCC | FALSE  |
| Emc6      | NCC | FALSE  |
| Zfp7      | NCC | FALSE  |
| Trdmt1    | NCC | FALSE  |
| Rassf2    | NCC | FALSE  |
| Bloc1s4   | NCC | FALSE  |
| Fzd10     | NCC | FALSE  |
| Rtn4ip1   | NCC | FALSE  |
| AK010878  | NCC | FALSE  |
| Exoc5     | NCC | FALSE  |
| Reps1     | NCC | FALSE  |
| Glud1     | NCC | FALSE  |
| Hoxc10    | NCC | TRUE   |
| Ythdc2    | NCC | FALSE  |
| Vps36     | NCC | FALSE  |
| Fmr1      | NCC | FALSE  |
| Diap3     | NCC | FALSE  |
| Crb2      | NCC | FALSE  |
| Zbtb48    | NCC | TRUE   |
| Foxk2     | NCC | TRUE   |
| Slc25a30  | NCC | FALSE  |
| Hist1h1e  | NCC | FALSE  |
| Gapvd1    | NCC | FALSE  |
| Fxn       | NCC | FALSE  |
| Pla2g12a  | NCC | FALSE  |
| Ubqln1    | NCC | FALSE  |
| Akr1c13   | NCC | FALSE  |
| Cbwd1     | NCC | FALSE  |
| Pdhx      | NCC | FALSE  |
| Suox      | NCC | FALSE  |
| Irx3      | NCC | TRUE   |
| Cep89     | NCC | FALSE  |
| Ssx2ip    | NCC | FALSE  |
| Spice1    | NCC | FALSE  |
| Zfp367    | NCC | TRUE   |
| Sp2       | NCC | TRUE   |
| Bcorl1    | NCC | FALSE  |
| Dhrs      | NCC | FALSE  |
| Gm9833    | NCC | TRUE   |
| 2310057M  | NCC | FALSE  |
| Gene   | NCC  | Status |
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| Zfp142 | NCC  | FALSE  |
| Strbp  | NCC  | FALSE  |
| C130026L2 | NCC | FALSE  |
| Slc25a38 | NCC | FALSE  |
| Batf3  | NCC  | TRUE   |
| Nkain1 | NCC  | FALSE  |
| Pitdh1 | NCC  | FALSE  |
| Tmem186 | NCC | FALSE  |
| Odf2l  | NCC  | FALSE  |
| Relt   | NCC  | FALSE  |
| Gmds   | NCC  | FALSE  |
| Plag1  | NCC  | TRUE   |
| Tasp1  | NCC  | FALSE  |
| Nedd1  | NCC  | FALSE  |
| Cdkn2aipnl | NCC | FALSE  |
| Usp44  | NCC  | FALSE  |
| Pfkfb3 | NCC  | FALSE  |
| Taf1a  | NCC  | TRUE   |
| Gmeb2  | NCC  | TRUE   |
| Pcbp4  | NCC  | FALSE  |
| Jrk    | NCC  | FALSE  |
| Cep57l1 | NCC | FALSE  |
| Rbm8a  | NCC  | FALSE  |
| Dnajc27 | NCC | FALSE  |
| Sacm1l | NCC  | FALSE  |
| Mfsd7b | NCC  | FALSE  |
| Exoc1  | NCC  | FALSE  |
| Pnp    | NCC  | FALSE  |
| Mira   | NCC  | FALSE  |
| Rhpn1  | NCC  | FALSE  |
| Mphosph8 | NCC | FALSE  |
| Sap18  | NCC  | FALSE  |
| Surf6  | NCC  | FALSE  |
| Mettl21a | NCC | FALSE  |
| Pwwp2a | NCC  | FALSE  |
| Vash2  | NCC  | FALSE  |
| C330006A1 | NCC | FALSE  |
| Fgfbp3 | NCC  | FALSE  |
| Tnfaip8 | NCC | FALSE  |
| Prmt10 | NCC  | FALSE  |
| Comtd1 | NCC  | FALSE  |
| Tpd52l1 | NCC | FALSE  |
| Ing2   | NCC  | FALSE  |
| Zfp932 | NCC  | TRUE   |
| Eif5a2 | NCC  | TRUE   |
| Pepd   | NCC  | FALSE  |
| Ndufaf5 | NCC | FALSE  |
| Ermp1  | NCC  | FALSE  |
| Fgfr4  | NCC  | FALSE  |
| Polr3a | NCC  | TRUE   |
| Gene         | NCC | Status |
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| Exog        | NCC | FALSE  |
| Chka        | NCC | FALSE  |
| Tusc2       | NCC | FALSE  |
| Rptor       | NCC | FALSE  |
| Trmt12      | NCC | FALSE  |
| 9430038I01  | NCC | FALSE  |
| Nt5dc1      | NCC | FALSE  |
| Pex5        | NCC | FALSE  |
| Sh3d19      | NCC | FALSE  |
| Phf7        | NCC | FALSE  |
| Ubqln2      | NCC | FALSE  |
| Dab2        | NCC | TRUE   |
| Psmc2       | NCC | TRUE   |
| Txn2        | NCC | FALSE  |
| Zfyve20     | NCC | FALSE  |
| Cited2      | NCC | FALSE  |
| Tnks        | NCC | FALSE  |
| Rasl11b     | NCC | FALSE  |
| Atp2b1      | NCC | FALSE  |
| Eif6        | NCC | FALSE  |
| Ror2        | NCC | FALSE  |
| Ddx49       | NCC | FALSE  |
| Tnfrsf22    | NCC | FALSE  |
| Rc3h1       | NCC | FALSE  |
| Cops8       | NCC | FALSE  |
| Ghitm       | NCC | FALSE  |
| Zfp7777     | NCC | TRUE   |
| Ybey        | NCC | FALSE  |
| Slc5a3      | NCC | FALSE  |
| Hoxc5       | NCC | TRUE   |
| Zfp937      | NCC | TRUE   |
| Rpl21       | NCC | FALSE  |
| Clybl       | NCC | FALSE  |
| Ntpcr       | NCC | FALSE  |
| Zc3h8       | NCC | FALSE  |
| Cep152      | NCC | FALSE  |
| Rnf165      | NCC | FALSE  |
| Coprs       | NCC | FALSE  |
| Mum1l1      | NCC | FALSE  |
| Wdr24       | NCC | FALSE  |
| Cercam      | NCC | FALSE  |
| Rbmx2       | NCC | FALSE  |
| Ccdc101     | NCC | FALSE  |
| Ptchd2      | NCC | FALSE  |
| Rps12       | NCC | FALSE  |
| Spryd7      | NCC | FALSE  |
| Cenpc1      | NCC | FALSE  |
| Meis3       | NCC | TRUE   |
| Cep97       | NCC | FALSE  |
| FbxI18      | NCC | FALSE  |
| Gene  | NCC | Status |
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| Slc4a1ap | NCC | FALSE |
| Opa3    | NCC | FALSE |
| Grpel2  | NCC | FALSE |
| Heph    | NCC | FALSE |
| Tcld1   | NCC | FALSE |
| Usp5    | NCC | FALSE |
| Ube3c   | NCC | FALSE |
| Tmem69  | NCC | FALSE |
| Abhd17b | NCC | FALSE |
| Zkscan5 | NCC | TRUE  |
| Snora70 | NCC | FALSE |
| Ccdc134 | NCC | FALSE |
| Pycr1   | NCC | FALSE |
| Dffb    | NCC | FALSE |
| Fam101b | NCC | FALSE |
| Cog2    | NCC | FALSE |
| Dhcr24  | NCC | FALSE |
| Tmem39b | NCC | FALSE |
| Brms1   | NCC | FALSE |
| Glul    | NCC | FALSE |
| S031439G | NCC | FALSE |
| Ctnnbl1 | NCC | FALSE |
| D230025D | NCC | FALSE |
| Ap4b1   | NCC | FALSE |
| Hoxd10  | NCC | TRUE  |
| Ttpa    | NCC | FALSE |
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| Dlc1    | NCC | FALSE |
| Eef1e1  | NCC | FALSE |
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| Sgpp2   | NCC | FALSE |
| Grb7    | NCC | FALSE |
| Impdh1  | NCC | FALSE |
| Arhgef39| NCC | FALSE |
| Kdm8    | NCC | FALSE |
| Cmtr2   | NCC | FALSE |
| BC064078| NCC | FALSE |
| Gopc    | NCC | FALSE |
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| Pcsk5   | NCC | FALSE |
| Ap1g2   | NCC | FALSE |
| Phykpl  | NCC | FALSE |
| Ptar1   | NCC | FALSE |
| Ubxn7   | NCC | FALSE |
| Zbtb5   | NCC | TRUE  |
| Ccdc40  | NCC | FALSE |
| Ammecr1 | NCC | FALSE |
| Zfp386  | NCC | TRUE  |
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| Gene  | NCC | Value |
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| Rhbdd3| NCC | FALSE |
| Ttl5  | NCC | FALSE |
| 6720489N1 | NCC | TRUE |
| Asb13 | NCC | FALSE |
| Eno1  | NCC | FALSE |
| Vti1a | NCC | FALSE |
| Taf4a | NCC | FALSE |
| Alx1  | NCC | TRUE  |
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| Cdhr2 | NCC | FALSE |
| Tsna  | NCC | TRUE  |
| Usp48 | NCC | FALSE |
| Prokr1| NCC | FALSE |
| Tagap1| NCC | FALSE |
| Sucla2| NCC | FALSE |
| Gcfc2 | NCC | FALSE |
| Cars2 | NCC | FALSE |
| Adarb1| NCC | TRUE  |
| Zfp770| NCC | TRUE  |
| Ap4s1 | NCC | FALSE |
| Pdlim5| NCC | TRUE  |
| Mrpl40| NCC | FALSE |
| Mrpl47| NCC | FALSE |
| Hmox1 | NCC | FALSE |
| Atp2c1| NCC | FALSE |
| Pot1a | NCC | FALSE |
| Plic2 | NCC | FALSE |
| Jmjd6 | NCC | FALSE |
| Fgfr1 | NCC | FALSE |
| Sh3bp4| NCC | FALSE |
| Zbtb25| NCC | TRUE  |
| Cops3 | NCC | FALSE |
| Gga3  | NCC | FALSE |
| Ift88 | NCC | FALSE |
| Gm10857| NCC | FALSE |
| Exoc2 | NCC | FALSE |
| Wdyhv1| NCC | FALSE |
| N6amt1| NCC | FALSE |
| Matn3 | NCC | FALSE |
| Rpl26 | NCC | FALSE |
| Wdr53 | NCC | FALSE |
| Mbtsp2| NCC | TRUE  |
| Ctu1  | NCC | FALSE |
| Mir1949| NCC | FALSE |
| Adamts20| NCC | FALSE |
| Taf3  | NCC | FALSE |
| Zfp346| NCC | FALSE |
| Zfp13 | NCC | TRUE  |
| Smim3 | NCC | FALSE |
| Gene      | NCC | Status |
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| Cebpg     | NCC | TRUE   |
| Snora7a   | NCC | FALSE  |
| Fancc     | NCC | FALSE  |
| Abhd5     | NCC | FALSE  |
| D3Ertd751r | NCC | FALSE |
| Pgrmc2    | NCC | FALSE  |
| Yrdc      | NCC | FALSE  |
| Gas8      | NCC | FALSE  |
| Endog     | NCC | FALSE  |
| Spred2    | NCC | FALSE  |
| Kin       | NCC | FALSE  |
| Diap1     | NCC | FALSE  |
| Cpne5     | NCC | FALSE  |
| Gng12     | NCC | FALSE  |
| Tomm22    | NCC | FALSE  |
| Uimc1     | NCC | FALSE  |
| Tesk2     | NCC | FALSE  |
| Mrpl46    | NCC | FALSE  |
| Tprkb     | NCC | FALSE  |
| Aldh4a1   | NCC | FALSE  |
| Tctex1d2  | NCC | FALSE  |
| Hinfp     | NCC | TRUE   |
| Tbkbp1    | NCC | FALSE  |
| Zbtb44    | NCC | TRUE   |
| Rrp7a     | NCC | FALSE  |
| 1110002L0 | NCC | FALSE  |
| Mtmr9     | NCC | FALSE  |
| Nudt2     | NCC | FALSE  |
| Zfp64     | NCC | TRUE   |
| Myo1e     | NCC | FALSE  |
| Cep128    | NCC | FALSE  |
| Ap5m1     | NCC | FALSE  |
| Cep63     | NCC | FALSE  |
| Cdc42se2  | NCC | FALSE  |
| Cmtm4     | NCC | FALSE  |
| Nphp1     | NCC | FALSE  |
| Ccdc93    | NCC | FALSE  |
| Gspt2     | NCC | FALSE  |
| Tmem11    | NCC | FALSE  |
| Kbtd7     | NCC | FALSE  |
| Khyn      | NCC | FALSE  |
| Zmpste24  | NCC | FALSE  |
| Iqcc      | NCC | FALSE  |
| Zfp689    | NCC | TRUE   |
| Mnd1-ps   | NCC | FALSE  |
| Zak       | NCC | FALSE  |
| Psmd6     | NCC | FALSE  |
| Polg2     | NCC | FALSE  |
| Ftsj2     | NCC | FALSE  |
| Gene  | NCC | Status |
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| Pmm2  | NCC | FALSE  |
| Brd8  | NCC | FALSE  |
| Hoxc6 | NCC | TRUE   |
| Ptprk | NCC | FALSE  |
| Psma3 | NCC | FALSE  |
| Fam69a| NCC | FALSE  |
| Med22 | NCC | FALSE  |
| Mrpl38| NCC | FALSE  |
| Rpusd1| NCC | FALSE  |
| R3hcc1| NCC | FALSE  |
| Avpi1 | NCC | FALSE  |
| Hoxa10| NCC | TRUE   |
| Xpnpep3| NCC | FALSE  |
| Lmx1a | NCC | TRUE   |
| Ino80 | NCC | FALSE  |
| Amz2  | NCC | FALSE  |
| Ppp4r4| NCC | FALSE  |
| Wdr62 | NCC | FALSE  |
| Pdcd6ip| NCC | FALSE  |
| Pex10 | NCC | FALSE  |
| Nfkbib| NCC | FALSE  |
| Rlf   | NCC | TRUE   |
| Zfp84 | NCC | FALSE  |
| Mrps5 | NCC | FALSE  |
| Aste1 | NCC | TRUE   |
| Mto1  | NCC | FALSE  |
| Brwd3 | NCC | FALSE  |
| Taf15 | NCC | FALSE  |
| LOC101056NCC| NCC | FALSE  |
| Zfp830| NCC | TRUE   |
| Sowahc| NCC | FALSE  |
| Six4  | NCC | TRUE   |
| Mstn  | NCC | FALSE  |
| Vcpi1 | NCC | FALSE  |
| Lin9  | NCC | FALSE  |
| Rp10  | NCC | FALSE  |
| S100pbp| NCC | FALSE  |
| D030056L2NCC| NCC | FALSE  |
| Lsm11 | NCC | FALSE  |
| Cluap1| NCC | FALSE  |
| Ddx59 | NCC | FALSE  |
| Tssc1 | NCC | FALSE  |
| Ptges2| NCC | FALSE  |
| Alg9  | NCC | FALSE  |
| Gmppb | NCC | FALSE  |
| Hibch | NCC | FALSE  |
| Stx18 | NCC | FALSE  |
| 5730455P1NCC| NCC | FALSE  |
| Wars2 | NCC | FALSE  |
| Nkrf  | NCC | FALSE  |
| gene      | label | status |
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| Srl       | NCC   | FALSE  |
| Atp7a     | NCC   | FALSE  |
| Idh3a     | NCC   | FALSE  |
| Zfp622    | NCC   | TRUE   |
| Pin1      | NCC   | FALSE  |
| Mcoln3    | NCC   | FALSE  |
| Car13     | NCC   | FALSE  |
| Trim23    | NCC   | FALSE  |
| Banf1     | NCC   | FALSE  |
| Polr3h    | NCC   | FALSE  |
| Xylb      | NCC   | FALSE  |
| Pcf11     | NCC   | FALSE  |
| Ube2o     | NCC   | FALSE  |
| Serinc5   | NCC   | FALSE  |
| Primpol   | NCC   | FALSE  |
| Mtmr14    | NCC   | FALSE  |
| 1700008J07| NCC   | FALSE  |
| Gltpd1    | NCC   | FALSE  |
| Dus2      | NCC   | FALSE  |
| Rnf126    | NCC   | FALSE  |
| Aprt      | NCC   | FALSE  |
| Shroom3   | NCC   | FALSE  |
| Naa30     | NCC   | FALSE  |
| Ccnk      | NCC   | FALSE  |
| Rhebl1    | NCC   | FALSE  |
| Tbrg3     | NCC   | FALSE  |
| Lin52     | NCC   | FALSE  |
| Zfp146    | NCC   | TRUE   |
| Atp13a1   | NCC   | FALSE  |
| Fam149b   | NCC   | FALSE  |
| Acsl5     | NCC   | FALSE  |
| Srd5a3    | NCC   | FALSE  |
| Adipor2   | NCC   | FALSE  |
| Bmp5      | NCC   | FALSE  |
| Rpgr      | NCC   | FALSE  |
| Prune     | NCC   | FALSE  |
| Sec24a    | NCC   | FALSE  |
| Mapk12    | NCC   | FALSE  |
| Cnpy3     | NCC   | FALSE  |
| Cep250    | NCC   | FALSE  |
| Sik2      | NCC   | FALSE  |
| Tbcd      | NCC   | FALSE  |
| Zfp958    | NCC   | TRUE   |
| Pla2g7    | NCC   | FALSE  |
| Morc2a    | NCC   | FALSE  |
| Zbtb21    | NCC   | FALSE  |
| Kif5b     | NCC   | FALSE  |
| Icmt      | NCC   | FALSE  |
| Camsap2   | NCC   | FALSE  |
| Tmem161b  | NCC   | FALSE  |
| Gene      | NCC | Value |
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| Zfp808    | NCC | FALSE |
| Fam98b    | NCC | FALSE |
| Traf3ip1  | NCC | FALSE |
| Jade1     | NCC | FALSE |
| Wipf2     | NCC | FALSE |
| Nudt11    | NCC | FALSE |
| Trmt13    | NCC | FALSE |
| Actr1b    | NCC | FALSE |
| Rpl9      | NCC | FALSE |
| Gpatch3   | NCC | FALSE |
| Pcgf3     | NCC | FALSE |
| Zbtb46    | NCC | TRUE  |
| Tbc1d5    | NCC | FALSE |
| Galm      | NCC | FALSE |
| Ppp1r14a  | NCC | FALSE |
| Slc25a46  | NCC | FALSE |
| Hist2h2ac | NCC | FALSE |
| BC048403  | NCC | FALSE |
| Hoxa7     | NCC | TRUE  |
| Tmem70    | NCC | FALSE |
| Nrbf2     | NCC | FALSE |
| Ift80     | NCC | FALSE |
| Iqcb1     | NCC | FALSE |
| 4930519F0 | NCC | FALSE |
| Ttc26     | NCC | FALSE |
| Gosr2     | NCC | FALSE |
| Bmi1      | NCC | FALSE |
| Zfp472    | NCC | FALSE |
| Gla       | NCC | FALSE |
| Trmt61b   | NCC | FALSE |
| Cutc      | NCC | FALSE |
| Trp53rk   | NCC | FALSE |
| Otulin    | NCC | FALSE |
| Adat3     | NCC | FALSE |
| Raf1      | NCC | FALSE |
| Zfp101    | NCC | FALSE |
| Grpel1    | NCC | FALSE |
| Alas1     | NCC | FALSE |
| Gm16973   | NCC | FALSE |
| Brf2      | NCC | TRUE  |
| Cnot7     | NCC | FALSE |
| Ufsp2     | NCC | FALSE |
| Mtg1      | NCC | FALSE |
| Baz2a     | NCC | FALSE |
| Fam213a   | NCC | FALSE |
| Recql5    | NCC | FALSE |
| Tbc1d22b  | NCC | FALSE |
| Elmo1     | NCC | FALSE |
| Nf2       | NCC | FALSE |
| Meis1     | NCC | TRUE  |
| Gene   | Location | Expression |
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| Nrp2   | NCC      | FALSE      |
| Mkrn2  | NCC      | FALSE      |
| Ap4m1  | NCC      | FALSE      |
| Nsf    | NCC      | FALSE      |
| Bdp1   | NCC      | TRUE       |
| Gtf3a  | NCC      | TRUE       |
| 2310061i0-NCC |      | FALSE      |
| Plekhf2| NCC      | FALSE      |
| Fkrp   | NCC      | FALSE      |
| Nsf11c | NCC      | FALSE      |
| Zfp800 | NCC      | TRUE       |
| BC068281 | NCC   | FALSE      |
| Zbtb39 | NCC      | TRUE       |
| Rce1   | NCC      | FALSE      |
| Intu   | NCC      | FALSE      |
| Timm23 | NCC      | FALSE      |
| Ftsj1  | NCC      | FALSE      |
| Zdhhc16| NCC      | FALSE      |
| Lztf1  | NCC      | FALSE      |
| Nol12  | NCC      | FALSE      |
| 2410127l1-NCC |   | FALSE      |
| Ttc7b  | NCC      | FALSE      |
| Sepsecs| NCC      | FALSE      |
| Nop10  | NCC      | FALSE      |
| Atxn3  | NCC      | FALSE      |
| C230052i1-NCC | | FALSE      |
| Thap1  | NCC      | TRUE       |
| Bbs12  | NCC      | FALSE      |
| Zfp655 | NCC      | TRUE       |
| Zfp942 | NCC      | FALSE      |
| Ino80e | NCC      | FALSE      |
| Slc10a3| NCC      | FALSE      |
| Adal   | NCC      | FALSE      |
| Fv1    | NCC      | FALSE      |
| Gm608  | NCC      | FALSE      |
| Vdac1  | NCC      | FALSE      |
| Hoxb1  | NCC      | TRUE       |
| Cdkn3  | NCC      | FALSE      |
| Abhd11os| NCC    | FALSE      |
| Mks1   | NCC      | FALSE      |
| Mars2  | NCC      | FALSE      |
| Gba2   | NCC      | FALSE      |
| Qsox2  | NCC      | FALSE      |
| Lnp    | NCC      | FALSE      |
| Lins   | NCC      | FALSE      |
| Alkbh2 | NCC      | FALSE      |
| Slc15a4| NCC      | FALSE      |
| Samd1  | NCC      | FALSE      |
| Prkacb | NCC      | FALSE      |
| Micall1| NCC      | FALSE      |
| Gene   | NCC | Status |
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| Trappc8| NCC | FALSE  |
| Dus4l  | NCC | FALSE  |
| 3110009E1 | NCC | FALSE  |
| Tchp   | NCC | FALSE  |
| Srf    | NCC | TRUE   |
| Med13l | NCC | FALSE  |
| Chst12 | NCC | FALSE  |
| Cpn1   | NCC | FALSE  |
| Plekhj1| NCC | FALSE  |
| Ebag9  | NCC | FALSE  |
| Cyb5r4 | NCC | FALSE  |
| Rwdd2b | NCC | FALSE  |
| Cmtm6  | NCC | FALSE  |
| Ccdc138| NCC | FALSE  |
| Pop5   | NCC | FALSE  |
| Emilin2| NCC | FALSE  |
| Ppp1r16a| NCC | FALSE  |
| Cbr4   | NCC | FALSE  |
| Mlh3   | NCC | FALSE  |
| Klf16  | NCC | TRUE   |
| Zbtb33 | NCC | TRUE   |
| Actr5  | NCC | FALSE  |
| Prkar2b| NCC | FALSE  |
| Phospho2| NCC | FALSE  |
| Sac3d1 | NCC | FALSE  |
| Mbip   | NCC | FALSE  |
| Stxbp6 | NCC | FALSE  |
| Pir    | NCC | TRUE   |
| Tmem199| NCC | FALSE  |
| Surf2  | NCC | FALSE  |
| Gorab  | NCC | FALSE  |
| Dyrk2  | NCC | FALSE  |
| Daglb  | NCC | FALSE  |
| Ufl1   | NCC | FALSE  |
| Bpnt1  | NCC | FALSE  |
| Zfp760 | NCC | TRUE   |
| Uhrf1bp1l| NCC | FALSE  |
| Snhg11 | NCC | FALSE  |
| Camsap1| NCC | FALSE  |
| Dtwd2  | NCC | FALSE  |
| Spata5i1| NCC | FALSE  |
| Ppp1r1a| NCC | FALSE  |
| Mrs2   | NCC | FALSE  |
| Wscd1  | NCC | FALSE  |
| Golga3 | NCC | FALSE  |
| Nhej1  | NCC | FALSE  |
| Zfp81  | NCC | FALSE  |
| Pigo   | NCC | FALSE  |
| BC037034| NCC | FALSE  |
| Zfp39  | NCC | TRUE   |
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Slc5a6   NCC    FALSE
Fancf    NCC    FALSE
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Asc3     NCC    FALSE
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Papd7    NCC    FALSE
Tbc1d4   NCC    FALSE
Harbi1   NCC    FALSE
Crnde    NCC    FALSE
Pkn3     NCC    FALSE
Lpcat3   NCC    FALSE
Polr2c   NCC    FALSE
Mipol1   NCC    FALSE
Phtf2    NCC    FALSE
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Ep300    NCC    TRUE
Vps33b   NCC    FALSE
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Bbs7     NCC    FALSE
Ranbp6   NCC    FALSE
Bcl7c    NCC    FALSE
Mapre1   NCC    FALSE
Thap6    NCC    FALSE
Zyg11b   NCC    FALSE
Slc1a4   NCC    FALSE
Snord12  NCC    FALSE
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Cep95    NCC    FALSE
Zfp202   NCC    TRUE
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| Tmem243  | NCC | FALSE |
| Gadd45a  | NCC | TRUE  |
| Gas2     | NCC | FALSE |
| Cycs     | NCC | TRUE  |
| Cdr2     | NCC | FALSE |
| Vegfc    | NCC | FALSE |
| Taco1    | NCC | FALSE |
| Fahd1    | NCC | FALSE |
| Clk3     | NCC | FALSE |
| Blzf1    | NCC | FALSE |
| Cep104   | NCC | FALSE |
| Abcc8    | NCC | FALSE |
| Camk2d   | NCC | FALSE |
| Vps18    | NCC | FALSE |
| Rab31    | NCC | FALSE |
| Ncln     | NCC | FALSE |
| Katnb1   | NCC | FALSE |
| Ptp4a1   | NCC | FALSE |
| Sfxn1    | NCC | FALSE |
| Prcc     | NCC | FALSE |
| Slc29a2  | NCC | FALSE |
| Lrrfip2  | NCC | FALSE |
| Mtg2     | NCC | FALSE |
| Nipsnap3b| NCC | FALSE |
| Stam2    | NCC | FALSE |
| Ccdc91   | NCC | FALSE |
| Smyd4    | NCC | FALSE |
| Gpank1   | NCC | TRUE  |
| AW209491 | NCC | FALSE |
| Rfesd    | NCC | FALSE |
| Wdr20    | NCC | FALSE |
| Gm10033  | NCC | FALSE |
| Fert2    | NCC | FALSE |
| Ccdc115  | NCC | FALSE |
| Grip1    | NCC | FALSE |
| Eif4a1   | NCC | FALSE |
| Crcp     | NCC | FALSE |
| Car4     | NCC | FALSE |
| Ercc5    | NCC | FALSE |
| Zfp1     | NCC | TRUE  |
| Prkar2a  | NCC | FALSE |
| Tspan5   | NCC | FALSE |
| Rabif    | NCC | FALSE |
| Tatdn1   | NCC | FALSE |
| Hebp1    | NCC | FALSE |
| Bhlhb9   | NCC | FALSE |
| Hoxc8    | NCC | TRUE  |
| Stam     | NCC | FALSE |
| Arl6ip4  | NCC | FALSE |
| Ptcd1    | NCC | TRUE  |
| Gene   | NCC | Status |
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| Fdxr   | NCC | FALSE  |
| Steap3 | NCC | FALSE  |
| Ddt    | NCC | FALSE  |
| Pex12  | NCC | FALSE  |
| Slain2 | NCC | FALSE  |
| Ipp    | NCC | FALSE  |
| Apfl   | NCC | FALSE  |
| Taf13  | NCC | FALSE  |
| Kras   | NCC | FALSE  |
| Guk1   | NCC | FALSE  |
| Cdh15  | NCC | FALSE  |
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| Asb6   | NCC | FALSE  |
| Arl6   | NCC | FALSE  |
| Cwf19l2| NCC | FALSE  |
| Amacr  | NCC | FALSE  |
| Tbk1   | NCC | FALSE  |
| Zfp592 | NCC | TRUE   |
| Mtrf1  | NCC | FALSE  |
| Uxs1   | NCC | FALSE  |
| Scrn3  | NCC | FALSE  |
| Zfp934 | NCC | FALSE  |
| Rbm48  | NCC | FALSE  |
| Vps33a | NCC | FALSE  |
| Hist1h1a| NCC | FALSE |
| B3galt6| NCC | FALSE  |
| Zbtb45 | NCC | TRUE   |
| Esyt2  | NCC | FALSE  |
| Armc6  | NCC | FALSE  |
| Trabd  | NCC | FALSE  |
| Wdr1   | NCC | FALSE  |
| Ppp1r2 | NCC | FALSE  |
| Tmem192| NCC | FALSE  |
| Adam9  | NCC | FALSE  |
| Zfp652 | NCC | TRUE   |
| 9930104L0| NCC | FALSE |
| Acsf3  | NCC | FALSE  |
| Cdc25b | NCC | FALSE  |
| Zfp512 | NCC | FALSE  |
| Ppp2r2d| NCC | FALSE  |
| Fam122b| NCC | FALSE  |
| Cln8   | NCC | FALSE  |
| Slc9a5 | NCC | FALSE  |
| Elovl5 | NCC | FALSE  |
| Fgd6   | NCC | FALSE  |
| Med30  | NCC | TRUE   |
| Zfp511 | NCC | FALSE  |
| Cbfa2t2| NCC | TRUE   |
| Ogdh   | NCC | FALSE  |
| Gene  | NCC | Status |
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| Ctr9  | NCC | FALSE  |
| Sec61a2 | NCC | FALSE  |
| Snora81 | NCC | FALSE  |
| Arl8b  | NCC | FALSE  |
| Psma7  | NCC | FALSE  |
| Slc25a32 | NCC | FALSE  |
| Ccp110 | NCC | FALSE  |
| Mrps10 | NCC | FALSE  |
| Ankr13c | NCC | FALSE  |
| Slc38a2 | NCC | FALSE  |
| Vdac2  | NCC | FALSE  |
| Wdr35  | NCC | FALSE  |
| Pik3cb | NCC | FALSE  |
| Prkrip1 | NCC | FALSE  |
| Max    | NCC | TRUE   |
| Bnip1  | NCC | FALSE  |
| Trmt44 | NCC | FALSE  |
| Ppp6c  | NCC | FALSE  |
| Fam188a | NCC | FALSE  |
| Dhrs7b | NCC | FALSE  |
| Gyk    | NCC | FALSE  |
| Trit1  | NCC | FALSE  |
| Phka2  | NCC | FALSE  |
| 5430417L2 | NCC | FALSE  |
| Cd164  | NCC | FALSE  |
| Nrde2  | NCC | FALSE  |
| Sp5    | NCC | TRUE   |
| Fancb  | NCC | FALSE  |
| Ifrd1  | NCC | FALSE  |
| 1700066M | NCC | FALSE  |
| Actg1  | NCC | FALSE  |
| Dcaf15 | NCC | FALSE  |
| Mtfmt  | NCC | FALSE  |
| Tldc1  | NCC | FALSE  |
| Fam35a | NCC | FALSE  |
| Btbd7  | NCC | FALSE  |
| Plekha3 | NCC | FALSE  |
| 2610015P0 | NCC | FALSE  |
| Gnl3l  | NCC | FALSE  |
| Mtx3   | NCC | FALSE  |
| Zfp820 | NCC | FALSE  |
| Cep162 | NCC | FALSE  |
| Tnfrsf21 | NCC | FALSE  |
| Chchd3 | NCC | FALSE  |
| Dusp19 | NCC | FALSE  |
| Slc27a3 | NCC | FALSE  |
| Mrc2   | NCC | FALSE  |
| D430020J0 | NCC | FALSE  |
| Cdh11  | NCC | FALSE  |
| Sptlc2 | NCC | FALSE  |
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| Pptc7     | NCC | FALSE  |
| 2210015D1NCC | NCC | FALSE  |
| Dcun1d2   | NCC | FALSE  |
| Arl6ip1   | NCC | FALSE  |
| Ccdc15    | NCC | FALSE  |
| Cask      | NCC | FALSE  |
| Rtkn2     | NCC | FALSE  |
| Plekha7   | NCC | FALSE  |
| Fgd4      | NCC | FALSE  |
| Slc9a1    | NCC | FALSE  |
| Tmem206   | NCC | FALSE  |
| Znhit2    | NCC | FALSE  |
| Zfp113    | NCC | TRUE   |
| 2010015L0NCC | NCC | FALSE  |
| Pxmp2     | NCC | FALSE  |
| 1110004F1NCC | NCC | FALSE  |
| Kctd2     | NCC | FALSE  |
| Mob2      | NCC | FALSE  |
| Alg12     | NCC | FALSE  |
| Dolpp1    | NCC | FALSE  |
| Sipa1l3   | NCC | FALSE  |
| Tmem41a   | NCC | FALSE  |
| Crbn      | NCC | FALSE  |
| Fhod3     | NCC | FALSE  |
| Ldlrad3   | NCC | FALSE  |
| Lactb     | NCC | FALSE  |
| Dtnbp1    | NCC | FALSE  |
| Tmem177   | NCC | FALSE  |
| Gbe1      | NCC | FALSE  |
| Ube2cbp   | NCC | FALSE  |
| Ggps1     | NCC | FALSE  |
| Armc9     | NCC | FALSE  |
| 3000002C1NCC | NCC | FALSE  |
| Zfp763    | NCC | FALSE  |
| Fez2      | NCC | FALSE  |
| Aasdh     | NCC | FALSE  |
| Sep-06    | NCC | FALSE  |
| Wwp1      | NCC | FALSE  |
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| Rrp1      | NCC | FALSE  |
| Thap2     | NCC | FALSE  |
| Gm15455   | NCC | FALSE  |
| Phf8      | NCC | TRUE   |
| Chst1     | NCC | FALSE  |
| Fem1a     | NCC | FALSE  |
| 9630033F2NCC | NCC | FALSE  |
| Fam208a   | NCC | FALSE  |
| Fnbp4     | NCC | FALSE  |
| Gene      | NCC | Value |
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| Pak1ip1   | NCC | FALSE |
| Lca5      | NCC | FALSE |
| Ccpp1     | NCC | FALSE |
| Foxj3     | NCC | TRUE  |
| 2810021J2 | NCC | FALSE |
| Pitpnm2   | NCC | FALSE |
| Etohi1    | NCC | FALSE |
| Dnajc15   | NCC | FALSE |
| Psmd4     | NCC | FALSE |
| Brap      | NCC | FALSE |
| Mfn1      | NCC | FALSE |
| Dnajb1    | NCC | FALSE |
| Vps26b    | NCC | FALSE |
| Fancg     | NCC | FALSE |
| Txnl4b    | NCC | FALSE |
| Tnfsf9    | NCC | FALSE |
| Vill      | NCC | FALSE |
| Ankrd9    | NCC | FALSE |
| Hoxd1     | NCC | TRUE  |
| Commd10   | NCC | FALSE |
| Fam192a   | NCC | FALSE |
| Gfod2     | NCC | FALSE |
| Fat3      | NCC | FALSE |
| Actb      | NCC | FALSE |
| Dpcd      | NCC | FALSE |
| Pank1     | NCC | FALSE |
| Stub1     | NCC | TRUE  |
| Trp53bp2  | NCC | FALSE |
| Gdppp1    | NCC | FALSE |
| Acad11    | NCC | FALSE |
| Chml      | NCC | FALSE |
| Ccl25     | NCC | FALSE |
| Gpi1      | NCC | FALSE |
| Raet1e    | NCC | FALSE |
| Asxl3     | NCC | FALSE |
| Vezf1     | NCC | TRUE  |
| Tmem126b  | NCC | FALSE |
| Ogfod3    | NCC | FALSE |
| Hpcal1    | NCC | FALSE |
| Pl4kb     | NCC | FALSE |
| Rccd1     | NCC | FALSE |
| Angptl1   | NCC | FALSE |
| Artn      | NCC | FALSE |
| Gm13154   | NCC | FALSE |
| Ino80c    | NCC | FALSE |
| Nubp2     | NCC | FALSE |
| Dennd5b   | NCC | FALSE |
| C230091DC | NCC | FALSE |
| Zhx1      | NCC | TRUE  |
| Pgp       | NCC | FALSE |
| Gene   | NCC | Status |
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| Tmem132a | NCC | FALSE  |
| Pvrl1 | NCC | FALSE  |
| Sema3a | NCC | FALSE  |
| Aimp1 | NCC | FALSE  |
| Eif2b4 | NCC | FALSE  |
| Ap4e1 | NCC | FALSE  |
| Gpatch1 | NCC | FALSE  |
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| Cep41 | NCC | FALSE  |
| Cyc1 | NCC | FALSE  |
| Snord69 | NCC | FALSE  |
| Zfp180 | NCC | TRUE   |
| Rint1 | NCC | FALSE  |
| Ak2 | NCC | FALSE  |
| Tmem135 | NCC | FALSE  |
| Scyl2 | NCC | FALSE  |
| Arhgap32 | NCC | FALSE  |
| Bbs5 | NCC | FALSE  |
| Slc41a1 | NCC | FALSE  |
| Dnajc5 | NCC | FALSE  |
| Inpp4b | NCC | FALSE  |
| Rabggt1 | NCC | FALSE  |
| Zfp335 | NCC | TRUE   |
| Pth1r | NCC | FALSE  |
| Hdx | NCC | TRUE   |
| Zfp454 | NCC | TRUE   |
| 4632415L0 | NCC | FALSE  |
| Syde2 | NCC | FALSE  |
| Lcmt2 | NCC | FALSE  |
| Safb | NCC | FALSE  |
| C2cd5 | NCC | FALSE  |
| Slitrk5 | NCC | FALSE  |
| Pradc1 | NCC | FALSE  |
| Dohh | NCC | FALSE  |
| Gatc | NCC | FALSE  |
| Uap1 | NCC | FALSE  |
| Cops5 | NCC | FALSE  |
| Mocs3 | NCC | FALSE  |
| Med11 | NCC | FALSE  |
| Meox1 | NCC | TRUE   |
| Atxn7l3 | NCC | FALSE  |
| Zfp946 | NCC | FALSE  |
| Btbd6 | NCC | FALSE  |
| Sav1 | NCC | FALSE  |
| 9930012K1 | NCC | FALSE  |
| 4933427D1 | NCC | FALSE  |
| Hoxd11 | NCC | TRUE   |
| Slc52a2 | NCC | FALSE  |
| Ccdc171 | NCC | FALSE  |
| Casp7 | NCC | FALSE  |
| Gene   | NCC | Status |
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| Mkkn3  | NCC | FALSE  |
| 2810002D1 | NCC | FALSE  |
| Prepl  | NCC | FALSE  |
| 4931414P1 | NCC | FALSE  |
| Pappa  | NCC | FALSE  |
| Mospd1 | NCC | FALSE  |
| Atg7   | NCC | FALSE  |
| Mrpl55 | NCC | FALSE  |
| Zfp110 | NCC | TRUE   |
| Lrch2  | NCC | FALSE  |
| Irak1bp1 | NCC | FALSE  |
| Alkbh7 | NCC | FALSE  |
| Gls    | NCC | FALSE  |
| Slc16a13 | NCC | FALSE  |
| Zrb1   | NCC | FALSE  |
| Pt2k   | NCC | FALSE  |
| Ermard | NCC | FALSE  |
| Doc2a  | NCC | FALSE  |
| Zfp944 | NCC | FALSE  |
| Stc2   | NCC | FALSE  |
| Snord100 | NCC | FALSE  |
| Zfp449 | NCC | TRUE   |
| Adar   | NCC | FALSE  |
| 3110045C2 | NCC | FALSE  |
| Zfp955a | NCC | FALSE  |
| Leprel1 | NCC | FALSE  |
| Pndk   | NCC | FALSE  |
| Ppcdc  | NCC | FALSE  |
| Fkbpl  | NCC | FALSE  |
| Lig4   | NCC | FALSE  |
| Ppp1r10 | NCC | TRUE   |
| Zfp647 | NCC | TRUE   |
| Card10 | NCC | FALSE  |
| D930016D | NCC | FALSE  |
| Acer3  | NCC | FALSE  |
| Slc7a1 | NCC | FALSE  |
| Zbtb10 | NCC | FALSE  |
| Ankfy1 | NCC | FALSE  |
| 9130023H2 | NCC | TRUE   |
| Prelid1 | NCC | FALSE  |
| Stk17b | NCC | FALSE  |
| Dixdc1 | NCC | FALSE  |
| Zbtb40 | NCC | TRUE   |
| Amotl2 | NCC | FALSE  |
| Mettl20 | NCC | FALSE  |
| Rab35  | NCC | FALSE  |
| Colec12 | NCC | FALSE  |
| Zdhc7  | NCC | FALSE  |
| Zfp719 | NCC | TRUE   |
| Paip1  | NCC | FALSE  |
| Gene       | NCC | Value |
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| Dus3l      | NCC | TRUE  |
| 9130008F2  | NCC | FALSE |
| Suclg1     | NCC | TRUE  |
| Dpagt1     | NCC | FALSE |
| Usp33      | NCC | FALSE |
| Pnpla7     | NCC | FALSE |
| Gpd1l      | NCC | FALSE |
| Zpf748     | NCC | FALSE |
| Lysmd3     | NCC | FALSE |
| Arl13b     | NCC | FALSE |
| Trim39     | NCC | FALSE |
| 2410004B1  | NCC | FALSE |
| Cdk16      | NCC | FALSE |
| Rbm3       | NCC | TRUE  |
| Stradb     | NCC | FALSE |
| Pyroxd1    | NCC | FALSE |
| Lyrm5      | NCC | FALSE |
| Rab40c     | NCC | FALSE |
| Zpf938     | NCC | TRUE  |
| 6430573F1  | NCC | FALSE |
| Maoa       | NCC | FALSE |
| Rbak       | NCC | TRUE  |
| Pias4      | NCC | FALSE |
| Fjx1       | NCC | FALSE |
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| Mta3       | NCC | TRUE  |
| Gtdc1      | NCC | FALSE |
| Kcnh2      | NCC | FALSE |
| Clpp       | NCC | FALSE |
| Snord49a   | NCC | FALSE |
| Zbtbd6     | NCC | FALSE |
| 5830415F0  | NCC | FALSE |
| Tpgs2      | NCC | FALSE |
| Pigk       | NCC | FALSE |
| Vps11      | NCC | FALSE |
| C87436     | NCC | FALSE |
| Lin7c      | NCC | FALSE |
| Dnajc25    | NCC | FALSE |
| Ripk3      | NCC | FALSE |
| Nfkb2      | NCC | TRUE  |
| Lsm10      | NCC | FALSE |
| Slmo1      | NCC | FALSE |
| Rab11fip3  | NCC | FALSE |
| Klhdc2     | NCC | FALSE |
| Dpy19l4    | NCC | FALSE |
| Hgsnat     | NCC | FALSE |
| Prdm10     | NCC | TRUE  |
| Kri1       | NCC | FALSE |
| Zfp955b    | NCC | FALSE |
| Gene       | NCC | Status |
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| Yipf6      | NCC | FALSE  |
| Fbxo33     | NCC | FALSE  |
| Argef2     | NCC | FALSE  |
| Rhbddd2    | NCC | FALSE  |
| Mif4gd     | NCC | FALSE  |
| Wdr34      | NCC | FALSE  |
| Itm2a      | NCC | FALSE  |
| Snapc1     | NCC | FALSE  |
| 2610044O1NCC | NCC | TRUE  |
| 2410131K1NCC | NCC | FALSE  |
| Tmem194b   | NCC | FALSE  |
| Snord35a   | NCC | FALSE  |
| Klk8       | NCC | FALSE  |
| Kit        | NCC | FALSE  |
| Atp8b2     | NCC | FALSE  |
| Ftx        | NCC | FALSE  |
| Sirpa      | NCC | FALSE  |
| Mttp       | NCC | FALSE  |
| Ccdc94     | NCC | FALSE  |
| A630072M   | NCC | FALSE  |
| Gmcl1      | NCC | FALSE  |
| Sf3b5      | NCC | FALSE  |
| Ccdc71l    | NCC | FALSE  |
| Hspbp1     | NCC | FALSE  |
| Zc3h10     | NCC | FALSE  |
| Rabep2     | NCC | FALSE  |
| Rassf3     | NCC | FALSE  |
| Hps4       | NCC | FALSE  |
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| Ddx26b     | NCC | FALSE  |
| Atg16l1    | NCC | FALSE  |
| Ccdc51     | NCC | FALSE  |
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| Rad51d     | NCC | FALSE  |
| Ofd1       | NCC | FALSE  |
| Dyn2c2h1   | NCC | FALSE  |
| AspScr1    | NCC | TRUE   |
| Zfp74      | NCC | TRUE   |
| Brat1      | NCC | FALSE  |
| Hpd1       | NCC | FALSE  |
| Uevld      | NCC | FALSE  |
| Chmp3      | NCC | FALSE  |
| 6330416G1NCC | NCC | FALSE  |
| 3110001I2: | NCC | FALSE  |
| Klhl2      | NCC | FALSE  |
| Raet1d     | NCC | FALSE  |
| Zfp940     | NCC | FALSE  |
| Brd2       | NCC | FALSE  |
| Mettl18    | NCC | FALSE  |
| Mettl15    | NCC | FALSE  |
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| Lclat1       | NCC | FALSE  |
| Efcab7       | NCC | FALSE  |
| Nespas       | NCC | FALSE  |
| Lrrc57       | NCC | FALSE  |
| Tctn2        | NCC | FALSE  |
| Efcab11      | NCC | FALSE  |
| Acat2        | NCC | FALSE  |
| Arrdc4       | NCC | FALSE  |
| Scfd2        | NCC | FALSE  |
| Fam162a      | NCC | FALSE  |
| Ddx55        | NCC | FALSE  |
| Sh3bg2r2     | NCC | FALSE  |
| Rnpc3        | NCC | FALSE  |
| 2510009E0NCC | NCC | FALSE  |
| Pdpr         | NCC | FALSE  |
| Zfp644       | NCC | FALSE  |
| Srd5a1       | NCC | FALSE  |
| Klhdc9       | NCC | FALSE  |
| Foxd2os      | NCC | FALSE  |
| Vegfb        | NCC | FALSE  |
| Snora33      | NCC | FALSE  |
| Snord16a     | NCC | FALSE  |
| Tomt         | NCC | FALSE  |
| Col23a1      | NCC | FALSE  |
| Vav2         | NCC | FALSE  |
| D1Ertd622rNCC| NCC | FALSE  |
| Frmd4b       | NCC | FALSE  |
| Pak1         | NCC | FALSE  |
| Abcc1        | NCC | FALSE  |
| Wdfy2        | NCC | FALSE  |
| Casc3        | NCC | FALSE  |
| Elp5         | NCC | FALSE  |
| Cabin1       | NCC | FALSE  |
| AK129341     | NCC | FALSE  |
| Tubd1        | NCC | FALSE  |
| Pex26        | NCC | FALSE  |
| Fut11        | NCC | FALSE  |
| 1700011H1NCC | NCC | FALSE  |
| A630012PCNCC | NCC | FALSE  |
| Unc5c        | NCC | FALSE  |
| 281042910cNCC| NCC | FALSE  |
| Cyb5rl       | NCC | FALSE  |
| Prr5l        | NCC | FALSE  |
| A230072CCNCC | NCC | FALSE  |
| 2610002J0NCC | NCC | FALSE  |
| Trmt112      | NCC | FALSE  |
| Fam117b      | NCC | FALSE  |
| Nsun6        | NCC | FALSE  |
| Zfp248       | NCC | TRUE   |
| Mex3b        | NCC | FALSE  |
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| Atf2   | NCC | TRUE   |
| Snora28| NCC | FALSE  |
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| Spen   | NCC | FALSE  |
| Ier5l  | NCC | FALSE  |
| Usp12  | NCC | FALSE  |
| Lrrc51 | NCC | FALSE  |
| Lpcat4 | NCC | FALSE  |
| Acvr2a | NCC | FALSE  |
| Gdap2  | NCC | FALSE  |
| Pdik1l | NCC | FALSE  |
| E130317F2 | NCC | FALSE  |
| Sema5b | NCC | FALSE  |
| Usp31  | NCC | FALSE  |
| Nabp1  | NCC | FALSE  |
| Klhdc10| NCC | FALSE  |
| Man2a1 | NCC | FALSE  |
| Rora   | NCC | TRUE   |
| Uhmk1  | NCC | FALSE  |
| Tmem189| NCC | FALSE  |
| Bcdin3d| NCC | FALSE  |
| Swt1   | NCC | FALSE  |
| Trp53i11| NCC | FALSE  |
| Rab11fip1| NCC | FALSE  |
| Heatr6 | NCC | FALSE  |
| Myo5b  | NCC | FALSE  |
| Rybp   | NCC | FALSE  |
| Zfp446 | NCC | FALSE  |
| B230217C1NCC| NCC | FALSE  |
| Ubac1  | NCC | FALSE  |
| Zfp787 | NCC | TRUE   |
| Fut4   | NCC | FALSE  |
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| Anchf1 | NCC | FALSE  |
| Vps13b | NCC | FALSE  |
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| Cep19  | NCC | FALSE  |
| Higd1a | NCC | FALSE  |
| Dnaic3 | NCC | FALSE  |
| Smpdl3b| NCC | FALSE  |
| S1c33a1| NCC | FALSE  |
| Kifc1  | NCC | FALSE  |
| Dnaj1a | NCC | FALSE  |
| Gpatch2l| NCC | FALSE  |
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| Efnb2    | NCC | FALSE  |
| Skida1   | NCC | FALSE  |
| 8430429K0NCC |   | FALSE  |
| C030006K1NCC |   | FALSE  |
| Tmed8    | NCC | FALSE  |
| Sdf2l1   | NCC | FALSE  |
| Zfp65    | NCC | FALSE  |
| 4930414L2NCC |   | FALSE  |
| Snord65  | NCC | FALSE  |
| Ppp1r13l | NCC | FALSE  |
| Tshz3    | NCC | FALSE  |
| 2210408I21NCC |     | FALSE  |
| Wnt5b    | NCC | FALSE  |
| Crispld2 | NCC | FALSE  |
| Bcap29   | NCC | FALSE  |
| Smg9     | NCC | FALSE  |
| Pdzk1    | NCC | FALSE  |
| Zfp37    | NCC | TRUE   |
| Rsad1    | NCC | FALSE  |
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| Adrm1    | NCC | FALSE  |
| Ncoa7    | NCC | FALSE  |
| Zfand2a  | NCC | FALSE  |
| Nudcd3   | NCC | FALSE  |
| Podxl    | NCC | FALSE  |
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| Dnajc17  | NCC | FALSE  |
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| Tpi1     | NCC | TRUE   |
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| AI837181 | NCC | FALSE  |
| Atg12    | NCC | FALSE  |
| Zfp599   | NCC | FALSE  |
| Gm5141   | NCC | FALSE  |
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| Slc39a14 | NCC | FALSE  |
| Wdr25    | NCC | FALSE  |
| Ubxn8    | NCC | FALSE  |
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| Golga5   | NCC | FALSE  |
| Slc25a1  | NCC | FALSE  |
| Gene  | NCC  | Status |
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| Chpf  | NCC  | FALSE  |
| Lrrc28| NCC  | FALSE  |
| Gdap10| NCC  | FALSE  |
| Lrrc61| NCC  | FALSE  |
| Nudt22| NCC  | FALSE  |
| Plag1 | NCC  | TRUE   |
| Ciapin1| NCC  | FALSE  |
| Ube2s | NCC  | FALSE  |
| Socs1 | NCC  | FALSE  |
| Srpr  | NCC  | FALSE  |
| Tbrg1 | NCC  | FALSE  |
| Gjb5  | NCC  | FALSE  |
| Snx11 | NCC  | FALSE  |
| Fam135a| NCC  | FALSE  |
| Inpp5f | NCC  | FALSE  |
| Tmem141| NCC  | FALSE  |
| Myo7a | NCC  | FALSE  |
| 9130011E1NCC| NCC  | FALSE  |
| Ttc7  | NCC  | FALSE  |
| Poc5  | NCC  | FALSE  |
| Sppl2a| NCC  | FALSE  |
| 3110021N2NCC| NCC  | FALSE  |
| Tssk6 | NCC  | FALSE  |
| L3hypdh| NCC  | FALSE  |
| Shf   | NCC  | FALSE  |
| Setd7 | NCC  | FALSE  |
| Ube4a | NCC  | FALSE  |
| Pafah1b1| NCC  | FALSE  |
| Zfp943| NCC  | FALSE  |
| Otud5 | NCC  | FALSE  |
| Map2k2| NCC  | FALSE  |
| Gprc5a| NCC  | FALSE  |
| Kifc5b| NCC  | FALSE  |
| Exoc8 | NCC  | FALSE  |
| Gpr37 | NCC  | FALSE  |
| Alg1  | NCC  | FALSE  |
| Xrn1  | NCC  | FALSE  |
| Itfg2 | NCC  | FALSE  |
| Efcab2| NCC  | FALSE  |
| Amt   | NCC  | FALSE  |
| Slc25a22| NCC  | FALSE  |
| Psmd13| NCC  | FALSE  |
| Fbxo31| NCC  | FALSE  |
| Pfkfb1| NCC  | FALSE  |
| Sec13 | NCC  | FALSE  |
| Cog7  | NCC  | FALSE  |
| Zfp870| NCC  | FALSE  |
| Wdr19 | NCC  | FALSE  |
| Ncs1  | NCC  | FALSE  |
| Mtap7d3| NCC  | FALSE  |
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| Tmem17      | NCC | FALSE |
| Fgt         | NCC | FALSE |
| S1c35b3     | NCC | FALSE |
| Klhl17      | NCC | FALSE |
| Zfp189      | NCC | TRUE  |
| Ascc1       | NCC | TRUE  |
| Zfp53       | NCC | FALSE |
| Ankrd40     | NCC | FALSE |
| Psen1       | NCC | FALSE |
| 1700048O2   | NCC | FALSE |
| Itpkc       | NCC | FALSE |
| Ube2g2      | NCC | FALSE |
| Uvrag       | NCC | FALSE |
| Tbc1d22a    | NCC | FALSE |
| G6pc3       | NCC | FALSE |
| 4632428N    | NCC | FALSE |
| Zfp661      | NCC | TRUE  |
| Bex1        | NCC | FALSE |
| S1c16a6     | NCC | FALSE |
| S1c38a7     | NCC | FALSE |
| Zfp874a     | NCC | FALSE |
| Gphn        | NCC | FALSE |
| Rasip1      | NCC | FALSE |
| Pipox       | NCC | FALSE |
| Aacs        | NCC | FALSE |
| Mrps23      | NCC | FALSE |
| Pcyt1b      | NCC | FALSE |
| Klhl11      | NCC | FALSE |
| Timmdc1     | NCC | FALSE |
| Rnf113a2    | NCC | FALSE |
| If122       | NCC | FALSE |
| Sp8         | NCC | TRUE  |
| Nfil3       | NCC | TRUE  |
| Rabgef1     | NCC | FALSE |
| Cc1988c     | NCC | FALSE |
| Ildr2       | NCC | FALSE |
| Snnrp35     | NCC | FALSE |
| Mad2l2      | NCC | FALSE |
| Ppp3cb      | NCC | FALSE |
| Gpr157      | NCC | FALSE |
| Kptn        | NCC | FALSE |
| Rnf113a1    | NCC | FALSE |
| Klhl20      | NCC | FALSE |
| Zfp697      | NCC | TRUE  |
| A730017C2   | NCC | FALSE |
| Cc1957      | NCC | FALSE |
| Hltf        | NCC | TRUE  |
| Klhl15      | NCC | FALSE |
| Zbd5        | NCC | FALSE |
| Triobp      | NCC | FALSE |
| Gene Symbol | Condition Code | Value |
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| Ccng1       | NCC            | FALSE |
| Slc25a44    | NCC            | FALSE |
| Col4a6      | NCC            | FALSE |
| Srp9        | NCC            | TRUE  |
| Fbxo45      | NCC            | FALSE |
| Parp11      | NCC            | FALSE |
| Tigd2       | NCC            | FALSE |
| Atp5s       | NCC            | FALSE |
| Gm5595      | NCC            | FALSE |
| Vps53       | NCC            | FALSE |
| Casp3       | NCC            | FALSE |
| Msx2        | NCC            | TRUE  |
| RetSat      | NCC            | FALSE |
| Kctd9       | NCC            | FALSE |
| Enox1       | NCC            | FALSE |
| Xkr8        | NCC            | FALSE |
| Pard6b      | NCC            | FALSE |
| Rnf170      | NCC            | FALSE |
| Cpox        | NCC            | FALSE |
| Cdip1       | NCC            | FALSE |
| Gpld1       | NCC            | FALSE |
| A930004D1   | NCC            | FALSE |
| Rufy1       | NCC            | FALSE |
| Zfp873      | NCC            | FALSE |
| Trmt10b     | NCC            | FALSE |
| Gm14326     | NCC            | TRUE  |
| Gosr1       | NCC            | FALSE |
| Sec22c      | NCC            | FALSE |
| Sif1        | NCC            | FALSE |
| Ttc14       | NCC            | FALSE |
| Smg6        | NCC            | FALSE |
| Hoxa6       | NCC            | TRUE  |
| Nek3        | NCC            | FALSE |
| Itpk1       | NCC            | FALSE |
| Sergef      | NCC            | FALSE |
| 4930430F0   | NCC            | FALSE |
| 1600002K0   | NCC            | FALSE |
| Rgl3        | NCC            | FALSE |
| Heartr5b    | NCC            | FALSE |
| Triap1      | NCC            | FALSE |
| Slfn9       | NCC            | FALSE |
| Zfyve21     | NCC            | FALSE |
| Snora3      | NCC            | FALSE |
| 1700007L1   | NCC            | FALSE |
| Tapt1       | NCC            | FALSE |
| Uvssa       | NCC            | FALSE |
| Amap        | NCC            | FALSE |
| Armcx5      | NCC            | FALSE |
| 2010204K1   | NCC            | FALSE |
| Gene          | NCC | Status |
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| Mon1b        | NCC | FALSE  |
| Mbnl3        | NCC | FALSE  |
| Mtfr2        | NCC | FALSE  |
| Rpl19        | NCC | FALSE  |
| Tfb2m        | NCC | FALSE  |
| Zfp959       | NCC | TRUE   |
| D930007P1    | NCC | FALSE  |
| Hist1h3d     | NCC | FALSE  |
| Terf2ip      | NCC | FALSE  |
| Hook2        | NCC | FALSE  |
| Nt5c2        | NCC | FALSE  |
| Wdr91        | NCC | FALSE  |
| Prpsap2      | NCC | FALSE  |
| Dnajc8       | NCC | FALSE  |
| Parp16       | NCC | FALSE  |
| Mettl17      | NCC | FALSE  |
| Rbck1        | NCC | FALSE  |
| Znrd1as      | NCC | FALSE  |
| DSErtd579N   | NCC | FALSE  |
| Aftpah       | NCC | FALSE  |
| I7Rn6        | NCC | FALSE  |
| Palm3        | NCC | FALSE  |
| Ripk1        | NCC | FALSE  |
| Arsi         | NCC | FALSE  |
| Nudt17       | NCC | FALSE  |
| Ptpn1        | NCC | FALSE  |
| Csgalnact2   | NCC | FALSE  |
| Mief2        | NCC | FALSE  |
| Ppme1        | NCC | FALSE  |
| Tmco6        | NCC | FALSE  |
| Als2         | NCC | FALSE  |
| Actr8        | NCC | FALSE  |
| Dhx32        | NCC | FALSE  |
| Dhdh         | NCC | FALSE  |
| AI450353     | NCC | FALSE  |
| Dennd4b      | NCC | FALSE  |
| Poli         | NCC | TRUE   |
| Znrf2        | NCC | FALSE  |
| Antxr2       | NCC | FALSE  |
| Ahdc1        | NCC | FALSE  |
| Lnx1         | NCC | FALSE  |
| Tgoln1       | NCC | FALSE  |
| Med13        | NCC | FALSE  |
| Zfp868       | NCC | TRUE   |
| Mus81        | NCC | FALSE  |
| Msl3l2       | NCC | FALSE  |
| Hmgn5        | NCC | FALSE  |
| Rpl23a       | NCC | FALSE  |
| Rps27        | NCC | FALSE  |
| D7Erd715N    | NCC | FALSE  |
| Gene  | NCC  | Value |
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| Kctd6 | NCC  | FALSE |
| Jagn1 | NCC  | FALSE |
| Gak   | NCC  | FALSE |
| E4f1  | NCC  | TRUE  |
| Lss   | NCC  | FALSE |
| Irs2  | NCC  | FALSE |
| H60b  | NCC  | FALSE |
| Gm11944 | NCC  | FALSE |
| Aldh3a2 | NCC  | FALSE |
| Ptch2 | NCC  | FALSE |
| Fitm2 | NCC  | FALSE |
| Bbs10 | NCC  | FALSE |
| Bok   | NCC  | FALSE |
| Mar-06 | NCC  | FALSE |
| Fdxacb1 | NCC  | FALSE |
| Mark2 | NCC  | FALSE |
| Kdsr  | NCC  | FALSE |
| Prpf18 | NCC  | FALSE |
| Ptpla | NCC  | FALSE |
| Klhl18 | NCC  | FALSE |
| Slc9a8 | NCC  | FALSE |
| 49334040JNCC | NCC  | FALSE |
| Mrps28 | NCC  | FALSE |
| Zfp87 | NCC  | FALSE |
| Cyb5r1 | NCC  | TRUE  |
| Ptrh1 | NCC  | FALSE |
| Slc39a8 | NCC  | FALSE |
| Stbd1 | NCC  | FALSE |
| Zfp72 | NCC  | FALSE |
| Fam21 | NCC  | FALSE |
| Mfn2  | NCC  | FALSE |
| Apbb2 | NCC  | FALSE |
| Mzt2  | NCC  | FALSE |
| Snord32a | NCC  | FALSE |
| Anxa7 | NCC  | FALSE |
| Ezr   | NCC  | TRUE  |
| Dph3  | NCC  | FALSE |
| 9430020K0NCC | NCC  | FALSE |
| Creld2 | NCC  | FALSE |
| Stau2 | NCC  | TRUE  |
| Hras  | NCC  | FALSE |
| Mettl25 | NCC  | FALSE |
| Zfp758 | NCC  | FALSE |
| Fam172a | NCC  | FALSE |
| Kank2 | NCC  | FALSE |
| Gm3219 | NCC  | FALSE |
| Ly6e  | NCC  | FALSE |
| Taf7  | NCC  | TRUE  |
| Spsb3 | NCC  | FALSE |
| Tctn3 | NCC  | FALSE |
| Gene    | NCC | Status |
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| 1700037HC | NCC | FALSE |
| 1810044DC | NCC | FALSE |
| Rpl27   | NCC | FALSE |
| Dcun1d3 | NCC | FALSE |
| Zscan20 | NCC | TRUE  |
| 4930513N1N | NCC | FALSE |
| Prss36  | NCC | FALSE |
| Nudt10  | NCC | FALSE |
| Zfp764  | NCC | TRUE  |
| Mrm1    | NCC | FALSE |
| Gm10336 | NCC | FALSE |
| Zfp109  | NCC | TRUE  |
| Dhtkd1  | NCC | FALSE |
| Stat5b  | NCC | TRUE  |
| Ralgapb | NCC | FALSE |
| Wdr37   | NCC | FALSE |
| 2610002M | NCC | FALSE |
| Pgbd1   | NCC | FALSE |
| Adamtsl4| NCC | FALSE |
| Gylt1b  | NCC | FALSE |
| Narfl   | NCC | FALSE |
| Fbxo16  | NCC | FALSE |
| D17Wsu92| NCC | FALSE |
| Aard    | NCC | FALSE |
| Zbtb24  | NCC | TRUE  |
| D030028A | NCC | FALSE |
| Msrb3   | NCC | TRUE  |
| Gpc4    | NCC | FALSE |
| Renbp   | NCC | FALSE |
| Spopl   | NCC | FALSE |
| Mlf1    | NCC | FALSE |
| D430042O | NCC | FALSE |
| Mblac1  | NCC | FALSE |
| Aptx    | NCC | FALSE |
| Iqce    | NCC | FALSE |
| Hps3    | NCC | FALSE |
| Pigm    | NCC | FALSE |
| Tecdpr2 | NCC | FALSE |
| Spag16  | NCC | FALSE |
| U2af1   | NCC | TRUE  |
| Tmem109 | NCC | FALSE |
| Tk2     | NCC | FALSE |
| Tsc1    | NCC | FALSE |
| Atg2b   | NCC | FALSE |
| Zfp263  | NCC | TRUE  |
| Psmb10  | NCC | FALSE |
| Pklr    | NCC | FALSE |
| Elovl6  | NCC | FALSE |
| Hoxc9   | NCC | TRUE  |
| Ngrn    | NCC | FALSE |
| Gene Name | NCC | Gene Expression |
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| Steap2    | NCC | FALSE           |
| Mvd       | NCC | FALSE           |
| Stx17     | NCC | FALSE           |
| Arl2      | NCC | FALSE           |
| Abcb10    | NCC | FALSE           |
| Aoc2      | NCC | FALSE           |
| Arhgap18  | NCC | FALSE           |
| Cmah      | NCC | FALSE           |
| Pdxp      | NCC | FALSE           |
| Slc25a40  | NCC | FALSE           |
| Nckipsd   | NCC | FALSE           |
| Zfp2      | NCC | TRUE            |
| Ccdc32    | NCC | FALSE           |
| Gas2l3    | NCC | FALSE           |
| Snx14     | NCC | FALSE           |
| Jmy       | NCC | FALSE           |
| Armc8     | NCC | FALSE           |
| Mtmr11    | NCC | FALSE           |
| Arl16     | NCC | FALSE           |
| Oxnad1    | NCC | FALSE           |
| Slc38a6   | NCC | FALSE           |
| Fgfr3     | NCC | FALSE           |
| Tmx1      | NCC | FALSE           |
| Mctp2     | NCC | TRUE            |
| Helb      | NCC | FALSE           |
| Capn10    | NCC | FALSE           |
| Mzt1      | NCC | FALSE           |
| Rps6kc1   | NCC | FALSE           |
| Nfkbil1   | NCC | FALSE           |
| Zfp286    | NCC | TRUE            |
| Setbp1    | NCC | TRUE            |
| Rap1a     | NCC | FALSE           |
| Tbc1d19   | NCC | FALSE           |
| Oscp1     | NCC | FALSE           |
| Angptl4   | NCC | FALSE           |
| H2afy2    | NCC | FALSE           |
| Snord87   | NCC | FALSE           |
| Zfp809    | NCC | FALSE           |
| Klf15     | NCC | TRUE            |
| Disp1     | NCC | FALSE           |
| Ctdspl    | NCC | FALSE           |
| Erc1      | NCC | FALSE           |
| Ufsp1     | NCC | FALSE           |
| Csnk1g3   | NCC | FALSE           |
| Snord17   | NCC | FALSE           |
| Hddc3     | NCC | FALSE           |
| Thnsl2    | NCC | FALSE           |
| B4galnt4  | NCC | FALSE           |
| Cgn       | NCC | FALSE           |
| Tprn      | NCC | FALSE           |
| Gene   | NCC | Status |
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| Zfp867 | NCC | TRUE   |
| Phf21b | NCC | FALSE  |
| Col9a1 | NCC | FALSE  |
| Nup210l| NCC | FALSE  |
| Gm7102 | NCC | FALSE  |
| Hip1r  | NCC | FALSE  |
| Nkap   | NCC | FALSE  |
| Foxe3  | NCC | TRUE   |
| Arhgap29| NCC | FALSE  |
| Dnajb14| NCC | FALSE  |
| Fam185a| NCC | FALSE  |
| Tbck   | NCC | FALSE  |
| Rasal2 | NCC | FALSE  |
| 2410089E0| NCC | FALSE  |
| Snx13  | NCC | FALSE  |
| Snora61| NCC | FALSE  |
| Chp1   | NCC | FALSE  |
| Ccdc166| NCC | FALSE  |
| AWS554918| NCC | FALSE  |
| Dhrs13 | NCC | FALSE  |
| Mboat2 | NCC | FALSE  |
| Cyb5d1 | NCC | FALSE  |
| AW822252| NCC | FALSE  |
| 4930549G2| NCC | FALSE  |
| Shroom4| NCC | FALSE  |
| Syt7   | NCC | FALSE  |
| Zswim5 | NCC | FALSE  |
| Hnf1b  | NCC | TRUE   |
| Stox2  | NCC | FALSE  |
| Mark4  | NCC | FALSE  |
| Mapk8  | NCC | FALSE  |
| Fam134c| NCC | FALSE  |
| Fam126b| NCC | FALSE  |
| Fam110b| NCC | FALSE  |
| Vasn   | NCC | FALSE  |
| Mir3091| NCC | FALSE  |
| Zmym6  | NCC | FALSE  |
| Mir6904| NCC | FALSE  |
| Smyd3  | NCC | FALSE  |
| Fau    | NCC | FALSE  |
| Gas2l1 | NCC | FALSE  |
| Zfp654 | NCC | TRUE   |
| Zfp708 | NCC | TRUE   |
| Tmem158| NCC | FALSE  |
| Zfp493 | NCC | FALSE  |
| Slc3a2 | NCC | FALSE  |
| Scmh1  | NCC | TRUE   |
| Map3k6 | NCC | FALSE  |
| Slc2a4rg-ps| NCC | FALSE  |
| Tada2b | NCC | FALSE  |
| Gene Name | NCC | Status |
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| 6430562O1NCC | NCC | FALSE |
| Slx4ip | NCC | FALSE |
| Rsbn11 | NCC | FALSE |
| Zfp61 | NCC | TRUE |
| Pramef8 | NCC | FALSE |
| Pih1d1 | NCC | FALSE |
| Arhgap21 | NCC | FALSE |
| Cables2 | NCC | FALSE |
| Are1 | NCC | FALSE |
| 1600014C1NCC | NCC | FALSE |
| Bola1 | NCC | FALSE |
| Bcl7b | NCC | FALSE |
| Tgfbrap1 | NCC | FALSE |
| Nat9 | NCC | FALSE |
| 3010026OCNCC | NCC | FALSE |
| Serhl | NCC | FALSE |
| Hist1h3i | NCC | FALSE |
| Lipt1 | NCC | FALSE |
| Hnrnp3 | NCC | TRUE |
| Msra | NCC | TRUE |
| Foxred2 | NCC | FALSE |
| Sbno2 | NCC | FALSE |
| Bcl10 | NCC | FALSE |
| Atg14 | NCC | FALSE |
| Csrnp1 | NCC | FALSE |
| Dgkq | NCC | FALSE |
| Mtf1 | NCC | TRUE |
| Mfsd3 | NCC | FALSE |
| Lgalsl | NCC | FALSE |
| Habp4 | NCC | FALSE |
| Gm9199 | NCC | FALSE |
| Mafg | NCC | TRUE |
| Tsacc | NCC | FALSE |
| Pigg | NCC | FALSE |
| Bnip3 | NCC | FALSE |
| Mgl1 | NCC | FALSE |
| Tex2 | NCC | FALSE |
| Dmwd | NCC | FALSE |
| Spin2c | NCC | FALSE |
| E2f2 | NCC | TRUE |
| Tob2 | NCC | TRUE |
| Grik1 | NCC | FALSE |
| Bex4 | NCC | FALSE |
| Edn3 | NCC | FALSE |
| Atp7b | NCC | FALSE |
| S1c25a16 | NCC | FALSE |
| B3gat3 | NCC | FALSE |
| Chd3os | NCC | FALSE |
| Wwox | NCC | FALSE |
| Cttnb2nl | NCC | FALSE |
Zfp11    NCC    TRUE
Bbs2     NCC    FALSE
Zfp839   NCC    FALSE
Gm14420  NCC    FALSE
E330009j0 NCC    FALSE
Setmar   NCC    FALSE
Eml1     NCC    FALSE
Sp7      NCC    TRUE
Il12rb2  NCC    FALSE
Snora43  NCC    FALSE
Tmem88   NCC    FALSE
Sos2     NCC    FALSE
Igsf10   NCC    FALSE
Mapk7    NCC    FALSE
Sertad1  NCC    FALSE
Cdkl5    NCC    FALSE
Atxn7l1  NCC    FALSE
Tpm2     NCC    FALSE
Fam160b1 NCC    FALSE
Dis3l2   NCC    FALSE
Socs7    NCC    FALSE
Coa6     NCC    FALSE
Snord34  NCC    FALSE
Gm13152  NCC    FALSE
Nxt2     NCC    FALSE
Dnajc12  NCC    FALSE
Gucy1a2  NCC    FALSE
Dnajb3   NCC    FALSE
Psmg4    NCC    FALSE
Cdx1     NCC    TRUE
B3gnt7   NCC    FALSE
Dgcr6    NCC    FALSE
Setd3    NCC    FALSE
Gm2027   NCC    FALSE
B130024g1 NCC    FALSE
Hkdc1    NCC    FALSE
BC065397 NCC    FALSE
Tor3a    NCC    FALSE
Fsd1     NCC    FALSE
Gm3414   NCC    FALSE
4930558j1 NCC    FALSE
Lypla2   NCC    FALSE
E130218i0 NCC    FALSE
D6Wsu163 NCC    FALSE
Hist1h2an NCC    FALSE
Neurl4   NCC    FALSE
Thtpa    NCC    FALSE
Rnf146   NCC    FALSE
Gjb3     NCC    FALSE
Tert     NCC    FALSE
| Gene      | NCC | Status |
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| BC048507  | NCC | FALSE  |
| Nup62-il41 | NCC | FALSE  |
| Arl1      | NCC | FALSE  |
| Pcif1     | NCC | FALSE  |
| Ift57     | NCC | FALSE  |
| Ceacam1   | NCC | FALSE  |
| Rita1     | NCC | FALSE  |
| Thnsl1    | NCC | FALSE  |
| Slc25a28  | NCC | FALSE  |
| Zfp420    | NCC | TRUE   |
| Zfp775    | NCC | TRUE   |
| Camkmt    | NCC | FALSE  |
| Pemt      | NCC | FALSE  |
| Aph1a     | NCC | FALSE  |
| Papolb    | NCC | FALSE  |
| Hyls1     | NCC | FALSE  |
| Kif3b     | NCC | FALSE  |
| Lm1n      | NCC | FALSE  |
| Ciart     | NCC | FALSE  |
| Gnal      | NCC | FALSE  |
| Tmeff1    | NCC | FALSE  |
| Zfp862-ps | NCC | FALSE  |
| Efna2     | NCC | FALSE  |
| Cmtr1     | NCC | FALSE  |
| Snapc3    | NCC | FALSE  |
| Lrrc16a   | NCC | FALSE  |
| Gchfr     | NCC | FALSE  |
| Nabp2     | NCC | FALSE  |
| Dhrs11    | NCC | FALSE  |
| Snord99   | NCC | FALSE  |
| Hoxa11    | NCC | TRUE   |
| Tmem180   | NCC | FALSE  |
| Necap1    | NCC | FALSE  |
| Plekhhb2  | NCC | FALSE  |
| Siah2     | NCC | FALSE  |
| Snora74a  | NCC | FALSE  |
| Slc7a2    | NCC | FALSE  |
| Carf      | NCC | TRUE   |
| Acat3     | NCC | FALSE  |
| Wdr31     | NCC | FALSE  |
| Nxph3     | NCC | TRUE   |
| Ccsap     | NCC | FALSE  |
| Tmem144   | NCC | FALSE  |
| Cc2d2a    | NCC | FALSE  |
| Ercc1     | NCC | FALSE  |
| Ciao1     | NCC | FALSE  |
| Rpl36al   | NCC | FALSE  |
| Myo7b     | NCC | FALSE  |
| Dguok     | NCC | FALSE  |
| Epo       | NCC | FALSE  |
| Gene       | NCC | Status |
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| Cgnl1      | NCC | FALSE  |
| Ywhaz      | NCC | TRUE   |
| Zfp354a    | NCC | TRUE   |
| Isoc1      | NCC | FALSE  |
| Pcolce2    | NCC | FALSE  |
| Lrfn3      | NCC | FALSE  |
| Adss1      | NCC | FALSE  |
| Abhd11     | NCC | FALSE  |
| Ntmt1      | NCC | FALSE  |
| Zbtb6      | NCC | TRUE   |
| Plekhh2    | NCC | FALSE  |
| Fxr2       | NCC | FALSE  |
| Ptpn4      | NCC | FALSE  |
| Dnase1     | NCC | FALSE  |
| Smarcd2    | NCC | FALSE  |
| Cr1l       | NCC | FALSE  |
| Srxn1      | NCC | FALSE  |
| A530054K1  | NCC | FALSE  |
| Polr2l     | NCC | FALSE  |
| Scml2      | NCC | FALSE  |
| 1110012L1  | NCC | FALSE  |
| Ikbke      | NCC | FALSE  |
| Hsd17b7    | NCC | FALSE  |
| Atg4b      | NCC | FALSE  |
| Cdc42ep4   | NCC | FALSE  |
| 1110034G3  | NCC | FALSE  |
| Snord33    | NCC | FALSE  |
| Zfp524     | NCC | TRUE   |
| Inpp5a     | NCC | FALSE  |
| Cdkl3      | NCC | FALSE  |
| Zfp960     | NCC | TRUE   |
| Lrrc4      | NCC | FALSE  |
| Mir7038    | NCC | FALSE  |
| Snord55    | NCC | FALSE  |
| Tmem132c   | NCC | FALSE  |
| Gm11110    | NCC | FALSE  |
| Efca6b     | NCC | FALSE  |
| Lrrc49     | NCC | FALSE  |
| Arsk       | NCC | FALSE  |
| Zfp229     | NCC | FALSE  |
| Adck4      | NCC | FALSE  |
| BC022687   | NCC | FALSE  |
| Eid2       | NCC | FALSE  |
| Wdr78      | NCC | FALSE  |
| Ramp2      | NCC | FALSE  |
| 9830147E1  | NCC | FALSE  |
| Rhbddd1    | NCC | FALSE  |
| Gm5523     | NCC | FALSE  |
| Auh        | NCC | FALSE  |
| Anks3      | NCC | FALSE  |
| Gene         | NCC | Status |
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| Prkg2        | NCC | FALSE  |
| Gal3t3       | NCC | FALSE  |
| Eya2         | NCC | FALSE  |
| Chrld1       | NCC | FALSE  |
| Hykk         | NCC | FALSE  |
| Dusp28       | NCC | FALSE  |
| Ankrd45      | NCC | FALSE  |
| Stard4       | NCC | FALSE  |
| Ptbp2        | NCC | FALSE  |
| Hebp2        | NCC | FALSE  |
| Cxadr        | NCC | FALSE  |
| Nfatc2ip     | NCC | FALSE  |
| Ralgapa2     | NCC | FALSE  |
| Gm4961       | NCC | FALSE  |
| Zscan18      | NCC | TRUE   |
| Tceanc       | NCC | FALSE  |
| Usp2         | NCC | FALSE  |
| Zfp473       | NCC | FALSE  |
| Uxt          | NCC | FALSE  |
| Zfp51        | NCC | FALSE  |
| Mboat1       | NCC | FALSE  |
| Ripk2        | NCC | FALSE  |
| Atf7         | NCC | TRUE   |
| Tmem107      | NCC | FALSE  |
| Tmem67       | NCC | FALSE  |
| Mia3         | NCC | FALSE  |
| Vps52        | NCC | FALSE  |
| Kdm7a        | NCC | TRUE   |
| Irx5         | NCC | TRUE   |
| Zswim3       | NCC | FALSE  |
| Ctps2        | NCC | FALSE  |
| Dip2c        | NCC | FALSE  |
| Pigw         | NCC | FALSE  |
| Ccdc24       | NCC | FALSE  |
| 2410018L1    | NCC | FALSE  |
| Idi1         | NCC | FALSE  |
| Man2b2       | NCC | FALSE  |
| Tbcc         | NCC | FALSE  |
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| Rsg1   | NCC | FALSE  |
| Adora1 | NCC | FALSE  |
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| Pycard | NCC | FALSE  |
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| Fbxo10 | NCC | FALSE  |
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| Hemk1  | NCC | FALSE  |
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| Pip4k2b| NCC | FALSE  |
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| 1110051M | NCC | FALSE  |
| AF357399| NCC | FALSE  |
| Dpf2   | NCC | FALSE  |
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| Lmbrd2 | NCC | FALSE  |
| Dnajc14| NCC | FALSE  |
| Fam220a| NCC | FALSE  |
| Rmnd5b | NCC | FALSE  |
| Fchsd2 | NCC | FALSE  |
| Phc3   | NCC | FALSE  |
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| Aspg   | NCC | FALSE  |
| Bloc1s3| NCC | FALSE  |
| Slc25a47 | NCC | FALSE  |
| Lyrm9  | NCC | FALSE  |
| Sik3   | NCC | FALSE  |
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| Pcsk7  | NCC | FALSE  |
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| Tcaim      | NCC | FALSE |
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| Fuca2      | NCC | FALSE |
| Slc25a39   | NCC | FALSE |
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| Zfp46      | NCC | TRUE  |
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| Gm1976     | NCC | FALSE |
| Slc25a19   | NCC | FALSE |
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| Slc25a51   | NCC | FALSE |
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| Tcf5   | NCC | TRUE  |
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| Pex1   | NCC | FALSE |
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| Hist1h3c| NCC | FALSE |
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| Setd4  | NCC | FALSE |
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| Ago3   | NCC | FALSE |
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| Grk5   | NCC | FALSE |
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| Zbtb12 | NCC | TRUE  |
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| Kif4-ps| NCC | FALSE |
| Zfp790 | NCC | TRUE  |
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| Armc7  | NCC | FALSE |
| Zkscan6| NCC | TRUE  |
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| Napg   | NCC | FALSE |
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| Tmem127   | NCC | FALSE  |
| Dact1     | NCC | FALSE  |
| Chmp7     | NCC | FALSE  |
| Blcap     | NCC | FALSE  |
| Prm20d1   | NCC | FALSE  |
| Kif16b    | NCC | FALSE  |
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| Hexim2    | NCC | FALSE  |
| Cetn2     | NCC | FALSE  |
| Rps13     | NCC | FALSE  |
| Cisd1     | NCC | FALSE  |
| A230073K1 | NCC | FALSE  |
| Guca1a    | NCC | FALSE  |
| Fam181a   | NCC | FALSE  |
| Zfp607    | NCC | FALSE  |
| Tmem41b   | NCC | FALSE  |
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| Zfp120    | NCC | TRUE   |
| Satb1     | NCC | TRUE   |
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| Zdhhc21   | NCC | FALSE  |
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| D3300501  | NCC | FALSE  |
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| Atf6      | NCC | TRUE   |
| Zfp711    | NCC | TRUE   |
| E330033B0 | NCC | FALSE  |
| Tmem167b  | NCC | FALSE  |
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| Gm10389   | NCC | FALSE  |
| Dph6      | NCC | FALSE  |
| Oxld1     | NCC | FALSE  |
| Tmem170   | NCC | FALSE  |
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| Ifitm1   | NCC | FALSE  |
| C030034I2| NCC | FALSE  |
| Ift22    | NCC | FALSE  |
| Lpl      | NCC | FALSE  |
| Zfp82    | NCC | TRUE   |
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| Galnt18  | NCC | FALSE  |
| St3gal3  | NCC | FALSE  |
| Arhgap8  | NCC | FALSE  |
| Naif1    | NCC | FALSE  |
| Sult2b1  | NCC | FALSE  |
| Zfp715   | NCC | FALSE  |
| Lrrc75a  | NCC | FALSE  |
| Dfna5    | NCC | FALSE  |
| Gm5069   | NCC | FALSE  |
| Ccdc96   | NCC | FALSE  |
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| Elmod3   | NCC | FALSE  |
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| Slc36a2  | NCC | FALSE  |
| Braf     | NCC | FALSE  |
| Snord57  | NCC | FALSE  |
| Gm15708  | NCC | FALSE  |
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| Arid4a   | NCC | FALSE  |
| Dnah17   | NCC | FALSE  |
| Anxa3    | NCC | FALSE  |
| Eva1b    | NCC | FALSE  |
| Tgfr3    | NCC | FALSE  |
| Necab2   | NCC | FALSE  |
| Snord95  | NCC | FALSE  |
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| Fbxw4    | NCC | FALSE  |
| Snhg10   | NCC | FALSE  |
| Rnf214   | NCC | FALSE  |
| Pten     | NCC | FALSE  |
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| 4930452B0| NCC | FALSE  |
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| Slc26a6  | NCC | FALSE  |
| 4921531C2| NCC | FALSE  |
| Fam19a4  | NCC | FALSE  |
| Griffin  | NCC | FALSE  |
| Pcnxl4   | NCC | FALSE  |
| Atxn7    | NCC | FALSE  |
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| Iqgap2 | NCC | FALSE  |
| Slx1b  | NCC | FALSE  |
| Lekr1  | NCC | FALSE  |
| Msx1   | NCC | TRUE   |
| Slc25a25 | NCC | FALSE  |
| Orai3  | NCC | FALSE  |
| Ttl    | NCC | FALSE  |
| 2410004I01 | NCC | FALSE  |
| Snord19 | NCC | FALSE  |
| Nt5m   | NCC | FALSE  |
| Nfkbie | NCC | FALSE  |
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| Parvb  | NCC | FALSE  |
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| Rtfdc1 | NCC | FALSE  |
| Wdr59  | NCC | FALSE  |
| Dach2  | NCC | FALSE  |
| Hint3  | NCC | FALSE  |
| 1300002E1 | NCC | FALSE  |
| Gpr19  | NCC | FALSE  |
| Lsm7   | NCC | FALSE  |
| Mfhas1 | NCC | FALSE  |
| Ccdc186 | NCC | FALSE  |
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| Dyncll1 | NCC | FALSE  |
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| Epn2   | NCC | FALSE  |
| Rdm1   | NCC | FALSE  |
| Rragb  | NCC | FALSE  |
| Rbks   | NCC | FALSE  |
| Sdr39u1 | NCC | FALSE  |
| Bicd2  | NCC | FALSE  |
| Samd8  | NCC | FALSE  |
| Lonrf1 | NCC | FALSE  |
| Yif1b  | NCC | FALSE  |
| Appl2  | NCC | FALSE  |
| Tbc1d10b | NCC | FALSE  |
| Pced1b | NCC | FALSE  |
| Gm5124 | NCC | FALSE  |
| Grasp  | NCC | FALSE  |
| Ccdc120 | NCC | FALSE  |
| D1Pas1 | NCC | FALSE  |
| Zbtb3  | NCC | TRUE   |
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| Ikzf4  | NCC | TRUE   |
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| Stap2  | NCC | FALSE  |
| Slc6a9 | NCC | FALSE  |
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| Trex1      | NCC | FALSE  |
| Zfp605     | NCC | FALSE  |
| Klhl29     | NCC | FALSE  |
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| Agbl5      | NCC | FALSE  |
| Grlb       | NCC | FALSE  |
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| Add3       | NCC | FALSE  |
| Fbxw2      | NCC | FALSE  |
| Zbtb37     | NCC | TRUE   |
| Bdh1       | NCC | FALSE  |
| Cmbl       | NCC | FALSE  |
| Masp2      | NCC | FALSE  |
| Hoxc12     | NCC | TRUE   |
| Mycl       | NCC | TRUE   |
| 9230105E0NCC | FALSE |
| Nptx2      | NCC | FALSE  |
| Espn       | NCC | FALSE  |
| AU041133   | NCC | TRUE   |
| Zfp119a    | NCC | TRUE   |
| Rpia       | NCC | FALSE  |
| 2310035C2NCC | FALSE |
| Rnd1       | NCC | FALSE  |
| Zfp953     | NCC | FALSE  |
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| Snora52    | NCC | FALSE  |
| Amigo2     | NCC | FALSE  |
| Fam120b    | NCC | FALSE  |
| Fam193b    | NCC | FALSE  |
| Zfp931     | NCC | TRUE   |
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| Itga8      | NCC | FALSE  |
| Mss51      | NCC | FALSE  |
| Rgs10      | NCC | FALSE  |
| Rnf181     | NCC | FALSE  |
| Grb2       | NCC | FALSE  |
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| Galns      | NCC | FALSE  |
| Hotair     | NCC | FALSE  |
| Zfp324     | NCC | TRUE   |
| Hist1h2bm  | NCC | FALSE  |
| Hoxa11os   | NCC | FALSE  |
| Trim45     | NCC | FALSE  |
| Zfa-ps     | NCC | TRUE   |
| Doc2g      | NCC | FALSE  |
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| Plekhm1    | NCC | FALSE  |
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| Gm14295    | NCC | TRUE   |
| Mpp2       | NCC | FALSE  |
| Zic5       | NCC | TRUE   |
| Gm20324    | NCC | FALSE  |
| Mrps18c    | NCC | FALSE  |
| Flad1      | NCC | FALSE  |
| Mir19b-1   | NCC | FALSE  |
| 2200002D0  | NCC | FALSE  |
| Zbtb42     | NCC | TRUE   |
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| Snord45b   | NCC | FALSE  |
| Gm10364    | NCC | FALSE  |
| Smim19     | NCC | FALSE  |
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| Tbc1d17    | NCC | FALSE  |
| Slc25a53   | NCC | FALSE  |
| Mcts1      | NCC | FALSE  |
| Hist1h3g   | NCC | FALSE  |
| Nudt12     | NCC | FALSE  |
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| Cd83       | NCC | FALSE  |
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| Eepd1      | NCC | FALSE  |
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| Mfap1b     | NCC | FALSE  |
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| Lysmd4     | NCC | FALSE  |
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| Fam132b    | NCC | FALSE  |
| Mxd3       | NCC | TRUE   |
| Fn3krp     | NCC | FALSE  |
| St3gal5    | NCC | FALSE  |
| Fads1      | NCC | FALSE  |
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| Ncf2    | NCC | FALSE  |
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| Rnf19b  | NCC | FALSE  |
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| Ecscr   | NCC | FALSE  |
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| Enox2   | NCC | FALSE  |
| Tbce    | NCC | FALSE  |
| Dock9   | NCC | FALSE  |
| Gm12992 | NCC | FALSE  |
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| AV051173| NCC | FALSE  |
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| Gm14403 | NCC | TRUE   |
| Snx30   | NCC | FALSE  |
| Zfp369  | NCC | TRUE   |
| Snord49b| NCC | FALSE  |
| Snap29  | NCC | FALSE  |
| Ccdc125 | NCC | FALSE  |
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| Kat5    | NCC | FALSE  |
| Fbxo36  | NCC | FALSE  |
| Vps39   | NCC | FALSE  |
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| Fgf15   | NCC | TRUE   |
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| Alyref2 | NCC | FALSE  |
| Rab43   | NCC | FALSE  |
| Ube2e2  | NCC | FALSE  |
| Napepld | NCC | FALSE  |
| Nog     | NCC | FALSE  |
| Gm16982 | NCC | FALSE  |
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| Ccdc114 | NCC | FALSE  |
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| Camk2g   | NCC | FALSE  |
| Unc13d   | NCC | FALSE  |
| BC006965 | NCC | FALSE  |
| Arhgef1  | NCC | FALSE  |
| Map2k3os | NCC | FALSE  |
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| Ccdc130  | NCC | FALSE  |
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| Zfand4   | NCC | FALSE  |
| Vps37c   | NCC | FALSE  |
| Sparcl1  | NCC | FALSE  |
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| Per3     | NCC | FALSE  |
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| Qdpr     | NCC | FALSE  |
| Galnt11  | NCC | FALSE  |
| Zfp119b  | NCC | TRUE   |
| Pin1rt1  | NCC | FALSE  |
| Rab8a    | NCC | FALSE  |
| Il18bp   | NCC | FALSE  |
| Hist1h2bb| NCC | FALSE  |
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| Snora17  | NCC | FALSE  |
| Zfp438   | NCC | TRUE   |
| Degs1    | NCC | FALSE  |
| Gm13212  | NCC | TRUE   |
| 5730480H0C | NCC | FALSE  |
| Prrg3    | NCC | FALSE  |
| Rps6ka4  | NCC | FALSE  |
| Anxa9    | NCC | FALSE  |
| Ogfrl1   | NCC | FALSE  |
| Zic2     | NCC | TRUE   |
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| Hoxc11   | NCC | TRUE   |
| Tmub1    | NCC | FALSE  |
| Snord83b | NCC | FALSE  |
| Myd88    | NCC | FALSE  |
| Nkx3-1   | NCC | TRUE   |
| Nipsnap1 | NCC | FALSE  |
| Gnat2    | NCC | FALSE  |
| Slc25a48 | NCC | FALSE  |
| 6330418K0C | NCC | FALSE  |
| Lrrc14b  | NCC | FALSE  |
| Dcaf5    | NCC | FALSE  |
| D330045A2C | NCC | FALSE  |
| Tmc7     | NCC | FALSE  |
| Slc39a6  | NCC | FALSE  |
| Gene  | Condition | Value |
|-------|-----------|-------|
| Zxdb  | NCC       | TRUE  |
| C330021F2 | NCC | FALSE |
| Hist1h2bk | NCC | FALSE |
| Timm17a | NCC       | FALSE |
| Gna14  | NCC       | FALSE |
| Eea1   | NCC       | FALSE |
| Wdtc1  | NCC       | FALSE |
| Hist1h3e| NCC       | FALSE |
| Gabra4 | NCC       | FALSE |
| Nkapl  | NCC       | FALSE |
| Map6d1 | NCC       | FALSE |
| Efcc1  | NCC       | FALSE |
| Malt1  | NCC       | FALSE |
| B3gnt1 | NCC       | FALSE |
| Sbds   | NCC       | FALSE |
| Slc25a29| NCC       | FALSE |
| Esco1  | NCC       | FALSE |
| AU040320| NCC       | FALSE |
| Ganc   | NCC       | FALSE |
| Slc9b2 | NCC       | FALSE |
| Mvk    | NCC       | FALSE |
| Pdcl3  | NCC       | FALSE |
| Foxd2  | NCC       | TRUE  |
| 9430091E2 | NCC | FALSE |
| Adam15 | NCC       | FALSE |
| Tdg    | NCC       | FALSE |
| 2610524H0 | NCC | FALSE |
| Ankrd37| NCC       | FALSE |
| Lypd6  | NCC       | FALSE |
| Khdrbs3| NCC       | FALSE |
| Rpl28  | NCC       | FALSE |
| Naalad1| NCC       | FALSE |
| Lyrm1  | NCC       | FALSE |
| Lingo3 | NCC       | FALSE |
| Gm7120 | NCC       | FALSE |
| 1110054M | NCC | FALSE |
| Gpr63  | NCC       | FALSE |
| Kcnk1  | NCC       | FALSE |
| Arl4c  | NCC       | FALSE |
| Plch1  | NCC       | FALSE |
| Tspyl5 | NCC       | FALSE |
| E430018J2: NCC | TRUE     |
| Gm10653| NCC       | FALSE |
| Zfp97  | NCC       | TRUE  |
| Hfe2   | NCC       | FALSE |
| Nell2  | Hub       | FALSE |
| Cdkn1c | Hub       | FALSE |
| Dlx1   | Hub       | TRUE  |
| Rbp1   | Hub       | FALSE |
| Slitrk6| Hub       | FALSE |
| Gene   | Hub | Status |
|--------|-----|--------|
| Cthrc1 | Hub | FALSE  |
| Ldhb   | Hub | FALSE  |
| Tgfb2  | Hub | FALSE  |
| S100a16| Hub | FALSE  |
| Serpine2| Hub | FALSE  |
| Celf2  | Hub | FALSE  |
| Wwtr1  | Hub | FALSE  |
| D pysl3| Hub | FALSE  |
| Cdh10  | Hub | FALSE  |
| Ckb    | Hub | FALSE  |
| Col5a2 | Hub | FALSE  |
| Cacna1h| Hub | FALSE  |
| Kif21a | Hub | FALSE  |
| Tmem98 | Hub | FALSE  |
| Irf6   | Hub | TRUE   |
| Pgpep1 | Hub | FALSE  |
| Anxa6  | Hub | FALSE  |
| Fabp7  | Hub | FALSE  |
| Ascl1  | Hub | TRUE   |
| Mmp14  | Hub | FALSE  |
| Fbln1  | Hub | FALSE  |
| Sorcs1 | Hub | FALSE  |
| Kctd12 | Hub | FALSE  |
| Samd5  | Hub | FALSE  |
| Cyp2j6 | Hub | FALSE  |
| El30114p1| Hub | FALSE |
| Lgals1 | Hub | FALSE  |
| Lipa   | Hub | FALSE  |
| Anxa5  | Hub | FALSE  |
| Adam23 | Hub | FALSE  |
| Adamts7| Hub | FALSE  |
| Rhoc   | Hub | FALSE  |
| Ptprm  | Hub | FALSE  |
| Tbx2   | Hub | TRUE   |
| Chst5  | Hub | FALSE  |
| Gpr126 | Hub | FALSE  |
| Lama4  | Hub | FALSE  |
| Dclk1  | Hub | FALSE  |
| Pxd1   | Hub | FALSE  |
| Pdcd4  | Hub | FALSE  |
| Sh3pxd2a| Hub | FALSE |
| Sash1  | Hub | FALSE  |
| Rps18  | Hub | FALSE  |
| S100a11| Hub | FALSE  |
| Cdh19  | Hub | FALSE  |
| Maged2 | Hub | FALSE  |
| Mfap2  | Hub | FALSE  |
| Rps26  | Hub | FALSE  |
| Ankrd50| Hub | FALSE  |
| Aldh2  | Hub | FALSE  |
| Gene     | Hub | Value |
|----------|-----|-------|
| Daam2    | Hub | FALSE |
| Reck     | Hub | FALSE |
| Mpzl1    | Hub | FALSE |
| Mab21l1  | Hub | FALSE |
| Mov10    | Hub | FALSE |
| Atp10b   | Hub | FALSE |
| Zfp536   | Hub | TRUE  |
| Srpk2    | Hub | FALSE |
| Sox2ot   | Hub | FALSE |
| Ccnd1    | Hub | FALSE |
| Klhl30   | Hub | FALSE |
| Aes      | Hub | FALSE |
| Gas7     | Hub | FALSE |
| Itgav    | Hub | FALSE |
| Ptprz1   | Hub | FALSE |
| Ssbp4    | Hub | FALSE |
| Prss12   | Hub | FALSE |
| Phox2b   | Hub | TRUE  |
| Postn    | Hub | FALSE |
| Aldh1a3  | Hub | FALSE |
| Ywhab    | Hub | FALSE |
| Ctsl     | Hub | FALSE |
| Sparc    | Hub | FALSE |
| Slc39a1  | Hub | FALSE |
| Spry2    | Hub | FALSE |
| Tcirg1   | Hub | FALSE |
| Mcam     | Hub | FALSE |
| Grik2    | Hub | FALSE |
| Dlx1as   | Hub | FALSE |
| Atat1    | Hub | FALSE |
| Rpl39    | Hub | FALSE |
| Foxo1    | Hub | TRUE  |
| Csrp1    | Hub | FALSE |
| Rpl13a   | Hub | FALSE |
| Zdhhc2   | Hub | FALSE |
| Gng11    | Hub | FALSE |
| Sort1    | Hub | FALSE |
| Scrg1    | Hub | FALSE |
| Rpl32    | Hub | FALSE |
| Rps19    | Hub | FALSE |
| Tmtc2    | Hub | FALSE |
| Oxtc1    | Hub | FALSE |
| Fam184b  | Hub | FALSE |
| 1700025GC| Hub | FALSE |
| Tcf4     | Hub | TRUE  |
| Ypel2    | Hub | FALSE |
| Mvb12b   | Hub | FALSE |
| Agrn     | Hub | FALSE |
| Gpr124   | Hub | FALSE |
| Fam173a  | Hub | FALSE |
| Gene       | Status | Hub | Value |
|------------|--------|-----|-------|
| Ccdc8      |        | Hub | FALSE |
| Fuca1      |        | Hub | FALSE |
| Epha7      |        | Hub | FALSE |
| Shfm1      |        | Hub | FALSE |
| Gna12      |        | Hub | FALSE |
| Ddr1       |        | Hub | FALSE |
| Rnaseh2c   |        | Hub | TRUE  |
| Epb4.1l3   |        | Hub | FALSE |
| Rps14      |        | Hub | FALSE |
| Shc4       |        | Hub | FALSE |
| Ppdpf      |        | Hub | FALSE |
| Nid1       |        | Hub | FALSE |
| Fam198b    |        | Hub | FALSE |
| Celsr2     |        | Hub | FALSE |
| Marcks     |        | Hub | FALSE |
| Akr1a1     |        | Hub | TRUE  |
| Col9a3     |        | Hub | FALSE |
| Rps24      |        | Hub | FALSE |
| Endod1     |        | Hub | FALSE |
| Megf9      |        | Hub | FALSE |
| E synt1    |        | Hub | FALSE |
| Ajap1      |        | Hub | FALSE |
| Eid1       |        | Hub | FALSE |
| Cadps      |        | Hub | FALSE |
| Pde9a      |        | Hub | FALSE |
| Fibin      |        | Hub | FALSE |
| Arhgap23   |        | Hub | FALSE |
| Pard3b     |        | Hub | FALSE |
| Msn        |        | Hub | FALSE |
| Mmp15      |        | Hub | FALSE |
| Ndst3      |        | Hub | FALSE |
| Fstl1      |        | Hub | FALSE |
| Ppib       |        | Hub | FALSE |
| Col9a2     |        | Hub | FALSE |
| Itm2c      |        | Hub | FALSE |
| Eif3f      |        | Hub | FALSE |
| Hdac9      |        | Hub | FALSE |
| Ctnnal1    |        | Hub | FALSE |
| Rpl37a     |        | Hub | FALSE |
| Myo18a     |        | Hub | FALSE |
| Acss1      |        | Hub | FALSE |
| Rps7       |        | Hub | FALSE |
| Tpt1       |        | Hub | FALSE |
| Tspan7     |        | Hub | FALSE |
| Ppp1r9a    |        | Hub | FALSE |
| Dzip1      |        | Hub | FALSE |
| Fbxo7      |        | Hub | FALSE |
| Rps15a-ps4 |        | Hub | FALSE |
| Slit3      |        | Hub | FALSE |
| Akap12     |        | Hub | FALSE |
| Gene   | Hub | Value |
|--------|-----|-------|
| Rpl18a | Hub | FALSE |
| Myh14  | Hub | FALSE |
| Oaz2   | Hub | FALSE |
| Rftn2  | Hub | FALSE |
| Ndfip1 | Hub | FALSE |
| Ptpj   | Hub | FALSE |
| Rbms3  | Hub | FALSE |
| Tia1   | Hub | TRUE  |
| Crem   | Hub | TRUE  |
| Luzp2  | Hub | TRUE  |
| Etfa   | Hub | FALSE |
| Wipi1  | Hub | FALSE |
| Sh3glb1| Hub | FALSE |
| Cox7a2l| Hub | FALSE |
| Pfdrn1 | Hub | FALSE |
| Plekha1| Hub | FALSE |
| Trp53inp1| Hub | FALSE |
| Cst3   | Hub | FALSE |
| Ube2h  | Hub | FALSE |
| Gpx7   | Hub | FALSE |
| Olfmr2 | Hub | FALSE |
| Trappc1| Hub | FALSE |
| Fez1   | Hub | TRUE  |
| Hmg3   | Hub | TRUE  |
| Plekha5| Hub | FALSE |
| Padi2  | Hub | FALSE |
| Sox4   | Hub | TRUE  |
| Tspan3 | Hub | FALSE |
| Wbp5   | Hub | FALSE |
| Prdx2  | Hub | FALSE |
| St6gal1| Hub | FALSE |
| H2afv  | Hub | FALSE |
| Pbxip1 | Hub | FALSE |
| Efna5  | Hub | FALSE |
| C1ql1  | Hub | FALSE |
| Id4    | Hub | TRUE  |
| Tax1bp3| Hub | FALSE |
| Kdm4a  | Hub | TRUE  |
| Ctsb   | Hub | FALSE |
| Stk10  | Hub | FALSE |
| Pde7b  | Hub | FALSE |
| Ilk    | Hub | FALSE |
| Hmg20b | Hub | TRUE  |
| Vamp8  | Hub | FALSE |
| Axl    | Hub | FALSE |
| Deptor | Hub | FALSE |
| Ddit4  | Hub | FALSE |
| Col20a1| Hub | FALSE |
| Il1rap | Hub | FALSE |
| Sgce   | Hub | FALSE |
| Gene   | Hub | TRUE/FALSE |
|--------|-----|------------|
| Btg1   | Hub | FALSE      |
| Hmgn2  | Hub | FALSE      |
| Dennd2a| Hub | FALSE      |
| Itgb1  | Hub | FALSE      |
| Gpm6b  | Hub | FALSE      |
| Atrx   | Hub | FALSE      |
| Cald1  | Hub | FALSE      |
| Trf    | Hub | FALSE      |
| Capg   | Hub | FALSE      |
| Grik3  | Hub | FALSE      |
| Twsg1  | Hub | FALSE      |
| Chl1   | Hub | FALSE      |
| Tox2   | Hub | FALSE      |
| Nlgn2  | Hub | FALSE      |
| Rpl13  | Hub | FALSE      |
| Ltbr   | Hub | FALSE      |
| Ndufa3 | Hub | FALSE      |
| Gbas   | Hub | FALSE      |
| Laptm4b| Hub | FALSE      |
| 2700060E0| Hub | FALSE    |
| Slc35f1| Hub | FALSE      |
| Rps28  | Hub | FALSE      |
| Lgmn   | Hub | FALSE      |
| Rgs16  | Hub | FALSE      |
| Plxnd1 | Hub | FALSE      |
| Hadhb  | Hub | FALSE      |
| Afap1l2| Hub | FALSE      |
| Ahr    | Hub | TRUE       |
| Camk1  | Hub | FALSE      |
| Gm13826| Hub | FALSE      |
| Cd276  | Hub | FALSE      |
| Egfl8  | Hub | FALSE      |
| Plgrkt | Hub | FALSE      |
| Phlda3 | Hub | FALSE      |
| Gsk3b  | Hub | FALSE      |
| Srgap1 | Hub | FALSE      |
| Rps15  | Hub | FALSE      |
| Map2   | Hub | FALSE      |
| Hbp1   | Hub | TRUE       |
| Atp1b2 | Hub | FALSE      |
| Bmp1   | Hub | FALSE      |
| Eci2   | Hub | FALSE      |
| Haghl  | Hub | FALSE      |
| Erf    | Hub | TRUE       |
| Slc44a1| Hub | FALSE      |
| 0610031J0| Hub | FALSE  |
| Sema3c | Hub | FALSE      |
| Sema4c | Hub | FALSE      |
| Gria3  | Hub | FALSE      |
| Surf4  | Hub | FALSE      |
| Gene      | Hub | Status   |
|-----------|-----|----------|
| Akap2     |     | FALSE    |
| Clic1     |     | FALSE    |
| AW549542  |     | FALSE    |
| Il1rapf1  |     | FALSE    |
| Adamts5   |     | FALSE    |
| Epb4.14a  |     | FALSE    |
| Arl12bp   |     | FALSE    |
| Pcdh7     |     | FALSE    |
| Acot13    |     | FALSE    |
| Cep170    |     | FALSE    |
| Arid5b    |     | TRUE     |
| Fdx1      |     | FALSE    |
| Abhd4     |     | FALSE    |
| Vim       |     | FALSE    |
| Timp3     |     | FALSE    |
| Ttyh3     |     | FALSE    |
| Rnasel    |     | FALSE    |
| 1700021K1 |     | FALSE    |
| Rcn3      |     | FALSE    |
| Taok1     |     | FALSE    |
| Cnn3      |     | FALSE    |
| Serf1     |     | FALSE    |
| 20101110c |     | FALSE    |
| Ccdc23    |     | FALSE    |
| Schip1.3  |     | FALSE    |
| Ramp3     |     | FALSE    |
| Zfp827    |     | FALSE    |
| Opcml     |     | FALSE    |
| Wbp1      |     | FALSE    |
| Bcar1     |     | FALSE    |
| Jmdj1c    |     | FALSE    |
| Prkaca    |     | FALSE    |
| Spcs2     |     | FALSE    |
| Pnrc1     |     | FALSE    |
| Tmem9     |     | FALSE    |
| Fibp      |     | FALSE    |
| Foxp1     |     | TRUE     |
| SpreD3    |     | FALSE    |
| Eci1      |     | FALSE    |
| Rit1      |     | FALSE    |
| Cbr3      |     | FALSE    |
| Sep-15    |     | FALSE    |
| Gng10     |     | FALSE    |
| Slc35b2   |     | FALSE    |
| Zfp60     |     | FALSE    |
| Parva     |     | FALSE    |
| Dennd5a   |     | FALSE    |
| Hs3st1    |     | FALSE    |
| Zyx       |     | FALSE    |
| 1810058i2 |     | FALSE    |
| Gene  | Hub | Status |
|-------|-----|--------|
| Rpl41 |    | FALSE  |
| Uggt1 |    | FALSE  |
| Coro2b|    | FALSE  |
| Ing4  |    | TRUE   |
| Snx22 |    | FALSE  |
| Phf20l1|   | FALSE  |
| LOC100504| | FALSE  |
| Sema3d|    | FALSE  |
| Lims2 |    | FALSE  |
| Rps21 |    | FALSE  |
| Tmc8  |    | FALSE  |
| Scarf2|    | FALSE  |
| Arhgef9|  | FALSE  |
| Dap   |    | FALSE  |
| Gtf2h5|    | FALSE  |
| Fam102b|  | FALSE  |
| Rtn4  |    | FALSE  |
| Mrps14|    | FALSE  |
| Txndc12|  | FALSE  |
| Chd6  |    | FALSE  |
| Myo9b |    | FALSE  |
| Scp2  |    | FALSE  |
| Ldb2  |    | FALSE  |
| Rpl37 |    | FALSE  |
| Lamb2 |    | TRUE   |
| Nr4a2 |    | TRUE   |
| Commd3|    | FALSE  |
| Creb3l2|   | TRUE   |
| Smpdl3a|  | FALSE  |
| Npc1  |    | FALSE  |
| Glipr2|    | FALSE  |
| Plekhg5|   | FALSE  |
| Uqcrh |    | FALSE  |
| Tma7  |    | FALSE  |
| Ankrd29|  | FALSE  |
| Ptpn21|    | FALSE  |
| Vgl3  |    | FALSE  |
| Rassf4|    | FALSE  |
| Fam115a|  | FALSE  |
| Gm2a  |    | FALSE  |
| Cuedc2|    | FALSE  |
| Mxd4  |    | TRUE   |
| Nkd2  |    | FALSE  |
| Mrpl52|    | FALSE  |
| Mar-02|    | FALSE  |
| Rab14 |    | TRUE   |
| Cstb  |    | FALSE  |
| Ei24  |    | FALSE  |
| Cpped1|    | FALSE  |
| Ttyh1 |    | FALSE  |
| gene  | Hub | false  |
|-------|-----|--------|
| Gpx4  | Hub | FALSE  |
| Tpp1  | Hub | FALSE  |
| Pcyox1| Hub | FALSE  |
| Mgat3 | Hub | FALSE  |
| St3gal1| Hub | FALSE |
| Plekhhb1| Hub | FALSE |
| Mmp11 | Hub | FALSE  |
| Smim11| Hub | FALSE  |
| 6330403K0| Hub | FALSE |
| Josd2 | Hub | FALSE  |
| Tmem14c| Hub | FALSE |
| Rcsd1 | Hub | FALSE |
| Mxra8 | Hub | FALSE |
| 2610027K0| Hub | FALSE |
| Ak3   | Hub | FALSE  |
| Arf5  | Hub | FALSE  |
| Cux1  | Hub | TRUE   |
| Adam19| Hub | FALSE  |
| Tmem106b| Hub | FALSE |
| Ap3m2 | Hub | FALSE  |
| Ucp2  | Hub | FALSE  |
| AI414108| Hub | FALSE |
| Acadl | Hub | FALSE  |
| Psmd8 | Hub | FALSE  |
| Rims1.1| Hub | FALSE |
| Pmepa1| Hub | FALSE  |
| Ddx17 | Hub | FALSE  |
| Rgmb  | Hub | FALSE  |
| Shisa4| Hub | FALSE  |
| Ldb1  | Hub | FALSE  |
| Etfb  | Hub | TRUE   |
| Jam2  | Hub | FALSE  |
| Ntan1 | Hub | FALSE  |
| Uba52 | Hub | FALSE  |
| Hadha | Hub | FALSE  |
| Cox14 | Hub | FALSE  |
| Lamtor2| Hub | FALSE |
| Ppp2r2b| Hub | FALSE |
| Cebpzos| Hub | FALSE |
| Cfi1  | Hub | FALSE  |
| Nme3  | Hub | FALSE  |
| Zfand3| Hub | FALSE  |
| Cflar | Hub | FALSE  |
| Arfip2| Hub | FALSE  |
| Tgfr2 | Hub | FALSE  |
| Pde8b | Hub | FALSE  |
| Lrrc8b| Hub | FALSE  |
| Lyrm2 | Hub | FALSE  |
| Kdelr1| Hub | FALSE  |
| Tle2  | Hub | FALSE  |
| Gene      | Hub | Value |
|-----------|-----|-------|
| 2310045NCHub | FALSE |       |
| Tsc22d1   | Hub | FALSE |
| Myrfl     | Hub | FALSE |
| Matn4     | Hub | FALSE |
| Trim13    | Hub | FALSE |
| C1qtfn6   | Hub | FALSE |
| Ppp1r14c  | Hub | FALSE |
| Map1a     | Hub | FALSE |
| Hint2     | Hub | FALSE |
| 2300009ACHub | FALSE |       |
| Palm      | Hub | FALSE |
| Gstm7     | Hub | FALSE |
| Lars2     | Hub | FALSE |
| Mbnl2     | Hub | TRUE  |
| Ifngr1    | Hub | FALSE |
| Erp29     | Hub | FALSE |
| Tmem203   | Hub | FALSE |
| Ap1s1     | Hub | FALSE |
| Gpt2      | Hub | FALSE |
| Tmem128   | Hub | FALSE |
| Emp3      | Hub | FALSE |
| Fundc2    | Hub | FALSE |
| Tmem223   | Hub | FALSE |
| Asah1     | Hub | FALSE |
| Atp13a2   | Hub | FALSE |
| Nucb1     | Hub | TRUE  |
| Lamtor4   | Hub | FALSE |
| Hcn1      | Hub | FALSE |
| Robo2     | Hub | FALSE |
| Ftl1      | Hub | FALSE |
| Rela      | Hub | TRUE  |
| Zfand6    | Hub | FALSE |
| Chd3      | Hub | FALSE |
| Mob4      | Hub | FALSE |
| Ist1      | Hub | FALSE |
| Bmpr2     | Hub | FALSE |
| Tead1     | Hub | TRUE  |
| Ndufa4    | Hub | FALSE |
| Prr14     | Hub | FALSE |
| Kdm6b     | Hub | FALSE |
| Dbn1      | Hub | FALSE |
| Me2d      | Hub | TRUE  |
| Cdc42ep5  | Hub | FALSE |
| Ckif      | Hub | FALSE |
| Tspan31   | Hub | FALSE |
| Tomm7     | Hub | FALSE |
| Aak1      | Hub | FALSE |
| Swi5      | Hub | FALSE |
| Atxn7I3b  | Hub | FALSE |
| Thsd7a    | Hub | FALSE |
| Gene     | Hub | Value |
|----------|-----|-------|
| Rapgef2  | Hub | FALSE |
| Nod1     | Hub | FALSE |
| Tmed9    | Hub | FALSE |
| Tmem176a | Hub | FALSE |
| Cnpy2    | Hub | FALSE |
| Btd      | Hub | FALSE |
| Tmem176b | Hub | FALSE |
| Sdhb     | Hub | FALSE |
| Fkbp7    | Hub | FALSE |
| Gnb5     | Hub | FALSE |
| R3hdm4   | Hub | FALSE |
| Toporsos | Hub | FALSE |
| Cacfd1   | Hub | FALSE |
| Uba7     | Hub | FALSE |
| Pnpla3   | Hub | FALSE |
| Ppox     | Hub | FALSE |
| Sorbs1   | Hub | FALSE |
| Wdr6     | Hub | FALSE |
| Phpt1    | Hub | FALSE |
| H1fx     | Hub | TRUE  |
| Alcam    | Hub | FALSE |
| Ext2     | Hub | FALSE |
| Ogt      | Hub | FALSE |
| Ccs      | Hub | FALSE |
| Nynrin   | Hub | FALSE |
| Kank4    | Hub | FALSE |
| Ndufb5   | Hub | FALSE |
| Apold1   | Hub | FALSE |
| Fam65a   | Hub | FALSE |
| Fus      | Hub | FALSE |
| Slc25a4  | Hub | FALSE |
| Cdk6     | Hub | FALSE |
| Plxna4   | Hub | FALSE |
| Ndufa7   | Hub | FALSE |
| Chd2     | Hub | TRUE  |
| Dlgap4   | Hub | FALSE |
| Lbx2     | Hub | TRUE  |
| Mtss1    | Hub | FALSE |
| Rp9      | Hub | FALSE |
| Mid2     | Hub | FALSE |
| Zfp467   | Hub | TRUE  |
| Evi5     | Hub | FALSE |
| P2ry1    | Hub | FALSE |
| Arhgef2  | Hub | FALSE |
| Apoa1bp  | Hub | FALSE |
| Sdhc     | Hub | FALSE |
| Isca2    | Hub | FALSE |
| Frmd6    | Hub | FALSE |
| Irf3     | Hub | TRUE  |
| Cyp4f16  | Hub | FALSE |
| Gene      | Hub | Value |
|-----------|-----|-------|
| Kcnt2     | Hub | FALSE |
| Ccdc104   | Hub | FALSE |
| 1110038F1 | Hub | FALSE |
| Cyth1     | Hub | FALSE |
| Pcmtd2    | Hub | FALSE |
| Tecpr1    | Hub | FALSE |
| Esr1      | Hub | TRUE  |
| Tagln2    | Hub | TRUE  |
| Capn6     | Hub | FALSE |
| Sox6      | Hub | TRUE  |
| Jun       | Hub | TRUE  |
| Zdhhc12   | Hub | FALSE |
| Otor      | Hub | FALSE |
| Mpz       | Hub | FALSE |
| Ranbp10   | Hub | FALSE |
| Kdr       | Hub | FALSE |
| Laptm4a   | Hub | FALSE |
| Lcp2      | Hub | FALSE |
| Pja2      | Hub | FALSE |
| Nedd8     | Hub | FALSE |
| Bin1      | Hub | FALSE |
| Eif1b     | Hub | FALSE |
| Zmynd11   | Hub | FALSE |
| Rnaset2b  | Hub | FALSE |
| Crtc1     | Hub | FALSE |
| Stim1     | Hub | FALSE |
| Capn2     | Hub | FALSE |
| Gemin7    | Hub | FALSE |
| 2410015M  | Hub | FALSE |
| Hif3a     | Hub | TRUE  |
| Atp5o     | Hub | FALSE |
| Otub1     | Hub | FALSE |
| Prickle2  | Hub | FALSE |
| Arid4b    | Hub | FALSE |
| Tbca      | Hub | FALSE |
| Atp5c1    | Hub | FALSE |
| Ssr2      | Hub | FALSE |
| Ndufs3    | Hub | FALSE |
| Igsf9b    | Hub | FALSE |
| Rbm24     | Hub | FALSE |
| Dag1      | Hub | FALSE |
| Furin     | Hub | FALSE |
| Nbea      | Hub | FALSE |
| H3f3a     | Hub | FALSE |
| Snx17     | Hub | FALSE |
| Polr3gl   | Hub | FALSE |
| Gm16907   | Hub | FALSE |
| Gm6402    | Hub | FALSE |
| Mageh1    | Hub | FALSE |
| 1190002F1 | Hub | FALSE |
| Protein         | Hub | Value |
|-----------------|-----|-------|
| Fam115c         |     | FALSE |
| Tmem50a         |     | FALSE |
| Tmem134         |     | FALSE |
| Tead3           |     | TRUE  |
| Uqcc2           |     | FALSE |
| Ndufs8          |     | FALSE |
| Dexi            |     | FALSE |
| Smim4           |     | FALSE |
| Prr12           |     | FALSE |
| Acvrl1          |     | FALSE |
| Pgls            |     | FALSE |
| Coro1b          |     | FALSE |
| Jup             |     | FALSE |
| Zswim6          |     | FALSE |
| Edaradd         |     | FALSE |
| Nrcam           |     | FALSE |
| Arhgef7         |     | FALSE |
| Pick1           |     | TRUE  |
| Ccnl1           |     | FALSE |
| Aph1b           |     | FALSE |
| Stra13          |     | FALSE |
| Phf2            |     | TRUE  |
| Snord104        |     | FALSE |
| Fam89b          |     | FALSE |
| Il11ra1         |     | FALSE |
| Vkorc1          |     | FALSE |
| Emc3            |     | FALSE |
| Krtcap2         |     | FALSE |
| Dock5           |     | FALSE |
| Cck             |     | FALSE |
| Scamp2          |     | FALSE |
|Ctxn1            |     | FALSE |
| Alg14           |     | FALSE |
| Armcx2          |     | FALSE |
| Cuta            |     | FALSE |
| 4930579G1Hub    |     | FALSE |
| Leprot          |     | FALSE |
| Med12l          |     | FALSE |
| Tmem63b         |     | FALSE |
| Tmem258         |     | FALSE |
| Tmbim6          |     | FALSE |
| Gnas            |     | FALSE |
| Pigt            |     | FALSE |
| Pik3ip1         |     | FALSE |
| Mro             |     | FALSE |
| 2610307P1Hub    |     | FALSE |
| Ndufa2          |     | FALSE |
| Jtb             |     | FALSE |
| Qpct            |     | FALSE |
| Rpl35           |     | TRUE  |
| Gene   | Hub | Status |
|--------|-----|--------|
| Cadps2 | Hub | FALSE  |
| Dapp1  | Hub | FALSE  |
| Prmt2  | Hub | FALSE  |
| Cd81   | Hub | FALSE  |
| Carkd  | Hub | FALSE  |
| Osbpl5 | Hub | FALSE  |
| Mink1  | Hub | FALSE  |
| Pthlh  | Hub | FALSE  |
| Arhgap31 | Hub | FALSE |
| Sipa1l2 | Hub | FALSE |
| Unc93b1 | Hub | FALSE |
| Agmo   | Hub | FALSE  |
| Serf2  | Hub | FALSE  |
| Fopnl  | Hub | FALSE  |
| Cs2ra  | Hub | FALSE  |
| Tomm6  | Hub | FALSE  |
| Ptger1 | Hub | FALSE  |
| Sars   | Hub | FALSE  |
| Gpr137b| Hub | FALSE  |
| Jmjd8  | Hub | FALSE  |
| Cd200  | Hub | FALSE  |
| Angpt2 | Hub | FALSE  |
| Phka1  | Hub | FALSE  |
| Map7d1 | Hub | FALSE  |
| Tmed4  | Hub | FALSE  |
| Gtl3   | Hub | FALSE  |
| 4933413L0 | Hub | FALSE |
| Jkamp  | Hub | FALSE  |
| Ap3s1  | Hub | FALSE  |
| Anxa2  | Hub | FALSE  |
| Ndufa12| Hub | FALSE  |
| Cyhr1  | Hub | FALSE  |
| Srsf5  | Hub | FALSE  |
| Itsn2  | Hub | FALSE  |
| Psme2b | Hub | FALSE  |
| Commd6 | Hub | FALSE  |
| Il1rl2 | Hub | FALSE  |
| Lrrtm1 | Hub | FALSE  |
| Dyrk1b | Hub | FALSE  |
| Eps15  | Hub | FALSE  |
| Ict1   | Hub | FALSE  |
| Nisch  | Hub | FALSE  |
| Ets2   | Hub | TRUE   |
| Tmem234| Hub | FALSE  |
| Slc22a23| Hub | FALSE |
| Ssna1  | Hub | FALSE  |
| Shkbp1 | Hub | FALSE  |
| Gng7   | Hub | FALSE  |
| Tnrc6b | Hub | FALSE  |
| Fxyd5  | Hub | FALSE  |
| Gene  | Hub | Status |
|-------|-----|--------|
| Atp1a1| Hub | FALSE  |
| Sema6b| Hub | FALSE  |
| Ncstn | Hub | FALSE  |
| Tecrl | Hub | FALSE  |
| Gm5607| Hub | FALSE  |
| Rbm5  | Hub | FALSE  |
| Ik    | Hub | FALSE  |
| Txndc16| Hub | FALSE |
| Stx4a | Hub | FALSE  |
| Sgk3  | Hub | FALSE  |
| Tnk2  | Hub | FALSE  |
| Ef3k  | Hub | FALSE  |
| Med28 | Hub | FALSE  |
| Arpc2 | Hub | FALSE  |
| Nt5dc3| Hub | FALSE  |
| Dab2ip| Hub | FALSE  |
| Dyps14| Hub | FALSE  |
| Glb1  | Hub | FALSE  |
| Hdac5 | Hub | FALSE  |
| 1810037I17| Hub | FALSE |
| Atp5j | Hub | FALSE  |
| Vwa5a | Hub | FALSE  |
| Crip2 | Hub | FALSE  |
| Rab29 | Hub | FALSE  |
| Pkd1  | Hub | FALSE  |
| Acp2  | Hub | FALSE  |
| Sc1   | Hub | FALSE  |
| Grik5 | Hub | FALSE  |
| Cyr61 | Hub | FALSE  |
| Zc3h12c| Hub | FALSE |
| Hes6  | Hub | TRUE   |
| Ufc1  | Hub | FALSE  |
| Bcl11b| Hub | TRUE   |
| 4930402H2| Hub | FALSE |
| Prrss23| Hub | FALSE |
| Nckap5| Hub | FALSE  |
| Msrb2 | Hub | FALSE  |
| Capns1| Hub | FALSE  |
| Psen2 | Hub | FALSE  |
| Plec  | Hub | FALSE  |
| Spata24| Hub | FALSE |
| Lmo1  | Hub | FALSE  |
| Prkcdbp| Hub | FALSE |
| Edf1  | Hub | FALSE  |
| Brinp1| Hub | FALSE  |
| Chchd7| Hub | FALSE  |
| Nr4a1 | Hub | TRUE   |
| Mrps21| Hub | FALSE  |
| Uqcrb | Hub | TRUE   |
| Rpp21 | Hub | FALSE  |
Dnajc7  Hub     FALSE
Aamdc  Hub     FALSE
Bckdha Hub     FALSE
Olfml2b Hub     FALSE
Tvp23b Hub     FALSE
Sema3b Hub     FALSE
Tlr3  Hub     FALSE
Smarcd3 Hub     FALSE
Nktr  Hub     FALSE
Nudt16l1 Hub     FALSE
Calcoco1 Hub     FALSE
Aup1  Hub     FALSE
Slc40a1 Hub     FALSE
Rps15a-ps6 Hub     FALSE
Bcl11a Hub     TRUE
Fam114a2 Hub     FALSE
Abca1 Hub     FALSE
Tbc1d23 Hub     FALSE
Etv1  Hub     TRUE
Ube2w Hub     FALSE
Brk1  Hub     FALSE
Cox6c Hub     FALSE
Rbm39 Hub     FALSE
Mir6236 Hub     FALSE
Plscr3 Hub     FALSE
Scaf1 Hub     FALSE
Gab2  Hub     FALSE
Rnf19a Hub     FALSE
1810026B0 Hub     FALSE
Lamtor1 Hub     FALSE
Mocs2 Hub     FALSE
Gsn   Hub     FALSE
Pik3r3 Hub     FALSE
Manba Hub     FALSE
Mrpl34 Hub     FALSE
Spaca6 Hub     FALSE
Gkap1 Hub     FALSE
Evi5l Hub     FALSE
Ssh2  Hub     FALSE
Htr3a Hub     FALSE
Clip3 Hub     FALSE
Mrps33 Hub     FALSE
2700081O1 Hub     FALSE
Cox6b1 Hub     FALSE
Psmb5 Hub     FALSE
Cisd3 Hub     FALSE
Cd1d1 Hub     FALSE
Narf  Hub     FALSE
Kcna6 Hub     FALSE
Gga1  Hub     FALSE
| Gene      | Hub   | Value |
|-----------|-------|-------|
| Nox4      | Hub   | FALSE |
| Uqcr10    | Hub   | FALSE |
| Cpt1c     | Hub   | FALSE |
| Girx2     | Hub   | FALSE |
| Spry1     | Hub   | FALSE |
| Aifm2     | Hub   | FALSE |
| Ndufc2    | Hub   | FALSE |
| Idh3b     | Hub   | FALSE |
| D630045J1 | Hub   | FALSE |
| Ptpzf     | Hub   | FALSE |
| Fam222a   | Hub   | FALSE |
| Kctd17    | Hub   | FALSE |
| Atf5      | Hub   | TRUE  |
| P2rx4     | Hub   | FALSE |
| Slc25a23  | Hub   | FALSE |
| Arhgef3   | Hub   | FALSE |
| Zfp523    | Hub   | TRUE  |
| Stk25     | Hub   | FALSE |
| C130071C0 | Hub   | FALSE |
| Sidt2     | Hub   | FALSE |
| Snap47    | Hub   | FALSE |
| Ndusfa6   | Hub   | FALSE |
| Cux2      | Hub   | TRUE  |
| Zfp513    | Hub   | TRUE  |
| Pbx4      | Hub   | TRUE  |
| Gm16617   | Hub   | FALSE |
| Zfhx3     | Hub   | TRUE  |
| Eif3h     | Hub   | FALSE |
| Mapk3     | Hub   | FALSE |
| Nrep      | Hub   | FALSE |
| Gamt      | Hub   | FALSE |
| Akt1s1    | Hub   | FALSE |
| Tesk1     | Hub   | FALSE |
| Cox8a     | Hub   | FALSE |
| Galt      | Hub   | FALSE |
| Scarb2    | Hub   | FALSE |
| Fgfr1     | Hub   | FALSE |
| Rnf217    | Hub   | FALSE |
| Znf512b   | Hub   | FALSE |
| Dpm3      | Hub   | FALSE |
| Gdmp2     | Hub   | FALSE |
| Zdhhc8    | Hub   | FALSE |
| Cap2      | Hub   | FALSE |
| Rras      | Hub   | FALSE |
| Uqcrq     | Hub   | FALSE |
| Sra1      | Hub   | FALSE |
| Sh3glb2   | Hub   | FALSE |
| Bcl7a     | Hub   | FALSE |
| Bcl2l2    | Hub   | FALSE |
| Loxl4     | Hub   | FALSE |
| Gene   | Hub | Value |
|--------|-----|-------|
| Faim   | Hub | FALSE |
| G0s2   | Hub | FALSE |
| A730017L2 | Hub | FALSE |
| B2m    | Hub | FALSE |
| Speg   | Hub | FALSE |
| Fzd1   | Hub | FALSE |
| Zswim8 | Hub | FALSE |
| Dlx5   | Hub | TRUE  |
| Prkca  | Hub | FALSE |
| Arntl  | Hub | TRUE  |
| Astn1  | Hub | FALSE |
| Lpcat2 | Hub | FALSE |
| Klc4   | Hub | FALSE |
| Pfdn5  | Hub | FALSE |
| Fzd8   | Hub | FALSE |
| Hdac4  | Hub | FALSE |
| Plxnb3 | Hub | FALSE |
| Gm2382 | Hub | FALSE |
| Fam168a| Hub | FALSE |
| Riiad1 | Hub | FALSE |
| Ift20  | Hub | FALSE |
| Chpf2  | Hub | FALSE |
| Ddc    | Hub | FALSE |
| Gm10863| Hub | FALSE |
| Luc7l3 | Hub | FALSE |
| Mbd6   | Hub | FALSE |
| Dip2b  | Hub | FALSE |
| Phyh   | Hub | FALSE |
| Mrpl24 | Hub | FALSE |
| Ccnl2  | Hub | FALSE |
| Nbr1   | Hub | FALSE |
| Npc2   | Hub | FALSE |
| Tagln  | Hub | FALSE |
| Trim35 | Hub | FALSE |
| Stx5a  | Hub | FALSE |
| Bad    | Hub | TRUE  |
| Nalcn  | Hub | FALSE |
| Rpl38  | Hub | FALSE |
| Ypel5  | Hub | FALSE |
| Tdrkh  | Hub | FALSE |
| Cwc15  | Hub | FALSE |
| Smim20 | Hub | FALSE |
| Kif1b  | Hub | FALSE |
| Mtch1  | Hub | FALSE |
| Naa38  | Hub | FALSE |
| Mrps24 | Hub | FALSE |
| Itga2  | Hub | FALSE |
| Atp8a1 | Hub | FALSE |
| Higd2a | Hub | FALSE |
| Acaa1a | Hub | TRUE  |
Immp1l  Hub    FALSE
Cntln  Hub    FALSE
Fam195b Hub    FALSE
D8Erd738r Hub    FALSE
Elovl1  Hub    FALSE
Atp1a2  Hub    FALSE
Synrg  Hub    FALSE
Rgs2  Hub    FALSE
Abcd2  Hub    FALSE
2310039Hc Hub    FALSE
Shc1  Hub    FALSE
Wdsub1  Hub    FALSE
Dhh  Hub    FALSE
Fam214b  Hub    FALSE
Ndst1  Hub    FALSE
Nab1  Hub    FALSE
Fam214a  Hub    FALSE
Tecta  Hub    FALSE
Nudt13  Hub    FALSE
Creg1  Hub    FALSE
Kmt2d  Hub    FALSE
Gpr153  Hub    FALSE
Tmem208  Hub    FALSE
Krt10  Hub    FALSE
Cryab  Hub    FALSE
Dll3  Hub    FALSE
Qsox1  Hub    FALSE
Hsd12  Hub    FALSE
Fbxo25  Hub    FALSE
Rc3h2  Hub    FALSE
Pacs2  Hub    FALSE
Tle6  Hub    FALSE
D10Jhu81e Hub    FALSE
Trib2  Hub    FALSE
Fam134b  Hub    FALSE
Atp11a  Hub    FALSE
Itrp3  Hub    FALSE
Gtpbp2  Hub    FALSE
Sumf1  Hub    FALSE
Mett123  Hub    FALSE
Txndc9  Hub    FALSE
Ggh  Hub    FALSE
D330023K1 Hub    FALSE
Chchd2  Hub    FALSE
Golga4  Hub    FALSE
Ptgfrn  Hub    FALSE
Gm3258  Hub    FALSE
Mlxip  Hub    TRUE
Fbxw5  Hub    FALSE
Pla2r1  Hub    FALSE
| Gene   | Hub | Value |
|--------|-----|-------|
| Tmx4   | Hub | FALSE |
| Pnpla8 | Hub | FALSE |
| Plxb2  | Hub | FALSE |
| 0610012GC | Hub | FALSE |
| Mfsd11 | Hub | FALSE |
| Gm14057| Hub | FALSE |
| Palm2  | Hub | FALSE |
| S100a10| Hub | FALSE |
| Epn1   | Hub | FALSE |
| Bcap31 | Hub | FALSE |
| Tbx20  | Hub | TRUE  |
| Zfp395 | Hub | FALSE |
| Plekha4| Hub | FALSE |
| Tm4sf1 | Hub | FALSE |
| Rnf182 | Hub | FALSE |
| Sdf2   | Hub | FALSE |
| Tmem241| Hub | FALSE |
| Mrpl14 | Hub | FALSE |
| Flrt2  | Hub | FALSE |
| Fuom   | Hub | FALSE |
| Pear1  | Hub | FALSE |
| Slc25a12| Hub | FALSE |
| Rdh14  | Hub | FALSE |
| Mthfr  | Hub | FALSE |
| Bend5  | Hub | FALSE |
| Paip2  | Hub | FALSE |
| Atp5h  | Hub | FALSE |
| Ip6k1  | Hub | FALSE |
| Ins16  | Hub | FALSE |
| Ctnn6  | Hub | FALSE |
| Ccng2  | Hub | FALSE |
| Ash1l  | Hub | FALSE |
| Rnpep  | Hub | FALSE |
| Frg1   | Hub | FALSE |
| Lztr1  | Hub | FALSE |
| Polr2g | Hub | FALSE |
| B4galt3| Hub | FALSE |
| Msrb1  | Hub | FALSE |
| Erlec1 | Hub | FALSE |
| Il3ra  | Hub | FALSE |
| Ptov1  | Hub | FALSE |
| Psme2  | Hub | FALSE |
| Lff1   | Hub | FALSE |
| Grid2  | Hub | FALSE |
| Dok1   | Hub | FALSE |
| Rock1  | Hub | FALSE |
| C1galt1c1| Hub | FALSE |
| Farp2  | Hub | FALSE |
| Erp44  | Hub | FALSE |
| Rcan3  | Hub | FALSE |
Sec61b  Hub  FALSE
Foxn3  Hub  TRUE
Myl6  Hub  FALSE
Itpkb  Hub  FALSE
Lrcc8c  Hub  FALSE
Pxmp4  Hub  FALSE
Gps2  Hub  FALSE
Crym  Hub  FALSE
Anapc16  Hub  FALSE
Flrt1  Hub  FALSE
Mplnd  Hub  FALSE
Fndc3b  Hub  FALSE
Cxx1b  Hub  TRUE
Cd19  Hub  FALSE
Hp1bp3  Hub  TRUE
Znrf1  Hub  FALSE
Smim24  Hub  FALSE
Gpcpd1  Hub  FALSE
2010107E0  Hub  FALSE
Chmp5  Hub  FALSE
Rec8  Hub  FALSE
Mcee  Hub  FALSE
Baiap2  Hub  FALSE
Tmem104  Hub  FALSE
Sp3os  Hub  FALSE
Aktip  Hub  FALSE
Hspb11  Hub  FALSE
S100b  Hub  FALSE
Cox6b2  Hub  FALSE
Col3a1  Hub  FALSE
Kif3a  Hub  FALSE
Gm10789  Hub  FALSE
Insr  Hub  FALSE
Ilvbl  Hub  FALSE
Pik3r1  Hub  FALSE
2310030G0  Hub  FALSE
Dad1  Hub  FALSE
Fbxl20  Hub  FALSE
Xylt1  Hub  FALSE
Amfr  Hub  FALSE
Sec24d  Hub  FALSE
Lemd3  Hub  FALSE
Caml  Hub  FALSE
Urod  Hub  FALSE
Enpp4  Hub  FALSE
Glt8d1  Hub  FALSE
Nfib  Hub  TRUE
Bri3  Hub  FALSE
Rer1  Hub  FALSE
Git2  Hub  TRUE
| Gene      | Hub | Value |
|-----------|-----|-------|
| Ndufa13   | Hub | FALSE |
| Ncor2     | Hub | TRUE  |
| Zfp945    | Hub | FALSE |
| Sf3b6     | Hub | FALSE |
| Cyp2j9    | Hub | FALSE |
| Stat3     | Hub | TRUE  |
| Mamld1    | Hub | FALSE |
| Dpm2      | Hub | FALSE |
| Pnirs     | Hub | FALSE |
| Dact3     | Hub | FALSE |
| Akr1cl    | Hub | FALSE |
| Trmt2b    | Hub | FALSE |
| Ddah2     | Hub | FALSE |
| Zfyve1    | Hub | FALSE |
| Hand2     | Hub | TRUE  |
| Anapc13   | Hub | FALSE |
| Vsnl1     | Hub | FALSE |
| Cbr1      | Hub | FALSE |
| Atp6ap2   | Hub | FALSE |
| Slc22a17  | Hub | FALSE |
| Fam160a2  | Hub | FALSE |
| Phkg2     | Hub | FALSE |
| Hspb2     | Hub | FALSE |
| Adprh     | Hub | FALSE |
| A330049Nc | Hub | FALSE |
| Itfg1     | Hub | FALSE |
| Ndufs6    | Hub | FALSE |
| Pcdhga12  | Hub | FALSE |
| Tmem191c  | Hub | FALSE |
| Ndufb3    | Hub | FALSE |
| Gramd1a   | Hub | FALSE |
| 9330188P0h| Hub | FALSE |
| Sec14l2   | Hub | FALSE |
| 1700113A1 | Hub | FALSE |
| Grcc10    | Hub | FALSE |
| Tmx2      | Hub | FALSE |
| Cpm       | Hub | FALSE |
| Rgs3      | Hub | FALSE |
| Deaf1     | Hub | TRUE  |
| Nanos3    | Hub | FALSE |
| Nradd     | Hub | FALSE |
| Dmpk      | Hub | FALSE |
| Tmem119   | Hub | FALSE |
| Ankrd46   | Hub | FALSE |
| Tmem88b   | Hub | FALSE |
| Mib2      | Hub | FALSE |
| Rin3      | Hub | FALSE |
| Nron      | Hub | FALSE |
| Sh3gl3    | Hub | FALSE |
| Rnf13     | Hub | FALSE |
| Gene   | Hub | Value |
|--------|-----|-------|
| Ddost  |     | FALSE |
| Tmsb15b1 |    | FALSE |
| Cdk5   |     | FALSE |
| 1810022K0 |  | FALSE |
| Scand1 |     | FALSE |
| Rraga  |     | FALSE |
| Nfia   |     | TRUE  |
| 5930403L1 |  | FALSE |
| Trerf1 |     | TRUE  |
| Yipf3  |     | FALSE |
| Fuz    |     | FALSE |
| Agtrap |     | FALSE |
| Mthfs  |     | FALSE |
| Cox20  |     | FALSE |
| Lonp2  |     | FALSE |
| Exoc4  |     | FALSE |
| Abtb2  |     | FALSE |
| Slc44a2 |    | FALSE |
| Shank1 |     | FALSE |
| Hn1    |     | FALSE |
| Creld1 |     | FALSE |
| G530011O0 |  | FALSE |
| Ksr1   |     | FALSE |
| Pld3   |     | FALSE |
| Lancl1 |     | FALSE |
| Pttg1ip|     | FALSE |
| Rnf11  |     | FALSE |
| Athl1  |     | FALSE |
| Mrpl27 |     | FALSE |
| Fendrr |     | FALSE |
| Rnf157 |     | FALSE |
| Sin3b  |     | FALSE |
| Eps8   |     | FALSE |
| 2900026AC |  | FALSE |
| Mob3c  |     | FALSE |
| Lrrc8a |     | FALSE |
| Lrch1  |     | FALSE |
| Timm8b |     | FALSE |
| Rsu1   |     | FALSE |
| Pfkfb4 |     | FALSE |
| Ier3ip1|     | FALSE |
| Neu1   |     | FALSE |
| Strn4  |     | FALSE |
| Slc2a8 |     | FALSE |
| Exoc6b |     | FALSE |
| Arhgap22 |    | FALSE |
| Pet100 |     | FALSE |
| Shisa5 |     | FALSE |
| Zmiz2  |     | FALSE |
| Lrrn1  |     | FALSE |
| Gene Symbol | Type  | Status |
|------------|-------|--------|
| Tubb4a     | Hub   | FALSE  |
| Carhsp1    | Hub   | FALSE  |
| Dhrs1      | Hub   | FALSE  |
| Gfra3      | Hub   | FALSE  |
| Slc25a17   | Hub   | FALSE  |
| Lemd2      | Hub   | FALSE  |
| Spcs1      | Hub   | FALSE  |
| 1110065P2  | Hub   | FALSE  |
| Gm5617     | Hub   | FALSE  |
| Tmem40     | Hub   | FALSE  |
| Slc30a9    | Hub   | FALSE  |
| Akap8l     | Hub   | FALSE  |
| Slc16a7    | Hub   | FALSE  |
| Chmp1b     | Hub   | FALSE  |
| Snapin     | Hub   | FALSE  |
| Stk32a     | Hub   | FALSE  |
| Cope       | Hub   | FALSE  |
| Slc27a4    | Hub   | FALSE  |
| Usp11      | Hub   | FALSE  |
| Dclk2      | Hub   | FALSE  |
| Fam120a10  | Hub   | FALSE  |
| Sun1       | Hub   | FALSE  |
| Tspan13    | Hub   | FALSE  |
| Zfp637     | Hub   | TRUE   |
| Ppargc1a   | Hub   | TRUE   |
| Tnni1      | Hub   | FALSE  |
| Hist1h2ag  | Hub   | FALSE  |
| Ncor1      | Hub   | TRUE   |
| Bcl2l1     | Hub   | FALSE  |
| Tm7sf3     | Hub   | FALSE  |
| Nab2       | Hub   | FALSE  |
| C1galt1    | Hub   | FALSE  |
| Hdac8      | Hub   | TRUE   |
| Atp5j2     | Hub   | FALSE  |
| Crtc3      | Hub   | FALSE  |
| Limk1      | Hub   | FALSE  |
| Sec61g     | Hub   | FALSE  |
| Rasgrp2    | Hub   | FALSE  |
| Tulp4      | Hub   | FALSE  |
| Lmna       | Hub   | FALSE  |
| Rab1b      | Hub   | FALSE  |
| Rhoa       | Hub   | FALSE  |
| Prkd2      | Hub   | FALSE  |
| Ticam1     | Hub   | FALSE  |
| 1110058L1  | Hub   | FALSE  |
| Plxdc2     | Hub   | FALSE  |
| Protein | Hub | Annot | Value |
|---------|-----|--------|-------|
| Trappc6a | Hub | FALSE |       |
| Lrp12   | Hub | FALSE |       |
| Agpat1  | Hub | FALSE |       |
| Syap1   | Hub | FALSE |       |
| Pde8a   | Hub | FALSE |       |
| Rnh1    | Hub | FALSE |       |
| Hexb    | Hub | FALSE |       |
| Ndufc1  | Hub | FALSE |       |
| Kmt2a   | Hub | TRUE  |       |
| Rnf135  | Hub | FALSE |       |
| Mbd2    | Hub | TRUE  |       |
| Gpm6a   | Hub | FALSE |       |
| Dnajb2  | Hub | FALSE |       |
| Arl6ip5 | Hub | FALSE |       |
| Plekhm2 | Hub | FALSE |       |
| 1500011K1 | Hub | FALSE |       |
| Ypel3   | Hub | FALSE |       |
| Atp6v0e2| Hub | FALSE |       |
| Lrrc4b  | Hub | FALSE |       |
| 2610206C1| Hub | FALSE |       |
| Sbk1    | Hub | FALSE |       |
| Galnt10 | Hub | FALSE |       |
| Chst7   | Hub | FALSE |       |
| Rxrg    | Hub | TRUE  |       |
| Urgcp   | Hub | FALSE |       |
| Mast3   | Hub | FALSE |       |
| Sfxn4   | Hub | FALSE |       |
| Ggact   | Hub | FALSE |       |
| A330076H0| Hub | FALSE |       |
| Ccdc82  | Hub | FALSE |       |
| Fam19a5 | Hub | FALSE |       |
| Mff     | Hub | FALSE |       |
| Slc25a11| Hub | FALSE |       |
| I730030J21| Hub | FALSE |       |
| Gm1673  | Hub | FALSE |       |
| Prrc2b  | Hub | FALSE |       |
| Pigyl   | Hub | FALSE |       |
| Ctsa    | Hub | FALSE |       |
| Gap43   | Hub | FALSE |       |
| Jak2    | Hub | FALSE |       |
| Psmb1   | Hub | FALSE |       |
| 2310015A1| Hub | FALSE |       |
| Dctn5   | Hub | FALSE |       |
| Kcne1l  | Hub | FALSE |       |
| Aff2    | Hub | FALSE |       |
| Vps9d1  | Hub | FALSE |       |
| Mpped2  | Hub | FALSE |       |
| Slc12a6 | Hub | FALSE |       |
| Mprip   | Hub | FALSE |       |
| Secisbp2l| Hub | FALSE |       |
| Gene          | Hub | Value |
|--------------|-----|-------|
| Nhs          |     | FALSE |
| Dnajc18      |     | FALSE |
| Srebf1       |     | TRUE  |
| Rnf215       |     | FALSE |
| Mon2         |     | FALSE |
| Npas3        |     | FALSE |
| Nfkbiz       |     | FALSE |
| Egln2        |     | FALSE |
| Psme1        |     | FALSE |
| Creb3        |     | TRUE  |
| Cadm4        |     | FALSE |
| Klhl24       |     | FALSE |
| Cryzl1       |     | FALSE |
| Mgrn1        |     | FALSE |
| Tspo         |     | FALSE |
| Hac1         |     | FALSE |
| Gm15663      |     | FALSE |
| Mospd3       |     | FALSE |
| Ccdc142      |     | FALSE |
| Slc25a45     |     | FALSE |
| Dmrt1a       |     | TRUE  |
| Cox7c        |     | FALSE |
| Araf         |     | FALSE |
| Ppp2r5c      |     | FALSE |
| Fis1         |     | FALSE |
| Tmed3        |     | FALSE |
| Rffl         |     | FALSE |
| Gnb4         |     | FALSE |
| Chrmt1       |     | FALSE |
| Otud1        |     | FALSE |
| Zfp93        |     | TRUE  |
| Pqbp1        |     | TRUE  |
| Snx25        |     | FALSE |
| Creb5        |     | TRUE  |
| Gm7694       |     | FALSE |
| Hsd3b7       |     | FALSE |
| 2610203C2     |     | FALSE |
| Tspyl3       |     | FALSE |
| Mocs1        |     | FALSE |
| Rfx1         |     | TRUE  |
| Lamtor5      |     | FALSE |
| Zfp810       |     | FALSE |
| Ager         |     | FALSE |
| Cdip1        |     | FALSE |
| Scamp3       |     | FALSE |
| Ubl5         |     | FALSE |
| Acox1        |     | FALSE |
| Cd99i2       |     | FALSE |
| Dyncl1i2     |     | FALSE |
| Dennd1b      |     | FALSE |
| Gene       | Type | Value |
|------------|------|-------|
| Dnpep      | Hub  | FALSE |
| Plcb2      | Hub  | FALSE |
| Ccdc47     | Hub  | FALSE |
| F630111L1  | Hub  | FALSE |
| Herc3      | Hub  | FALSE |
| Calhm2     | Hub  | FALSE |
| Pdgfb      | Hub  | FALSE |
| Zdhhc1     | Hub  | FALSE |
| Ppm1k      | Hub  | FALSE |
| Rab11a     | Hub  | FALSE |
| 2810013P0  | Hub  | FALSE |
| Cpq        | Hub  | FALSE |
| Hipk3      | Hub  | FALSE |
| Chsy3      | Hub  | FALSE |
| Praf2      | Hub  | FALSE |
| Whamm      | Hub  | FALSE |
| Snf8       | Hub  | FALSE |
| Rnf145     | Hub  | FALSE |
| Rpph1      | Hub  | FALSE |
| Trp53i13   | Hub  | FALSE |
| Atp5g3     | Hub  | FALSE |
| Fzd6       | Hub  | FALSE |
| Nfu1       | Hub  | FALSE |
| Nat6       | Hub  | FALSE |
| Mfng       | Hub  | FALSE |
| Cxx1a      | Hub  | TRUE  |
| Gsk3a      | Hub  | FALSE |
| Car6       | Hub  | TRUE  |
| Dcaf6      | Hub  | FALSE |
| Slc37a2    | Hub  | FALSE |
| Supt4a     | Hub  | FALSE |
| Adam22     | Hub  | FALSE |
| Pld1       | Hub  | FALSE |
| Polr2i     | Hub  | FALSE |
| Syvn1      | Hub  | FALSE |
| Myo9a      | Hub  | FALSE |
| Sec62      | Hub  | FALSE |
| Pold4      | Hub  | FALSE |
| Mpc2       | Hub  | FALSE |
| Ssr4       | Hub  | FALSE |
| Tpd52      | Hub  | FALSE |
| Nphp3      | Hub  | FALSE |
| Zmym5      | Hub  | FALSE |
| 2210016L2  | Hub  | FALSE |
| Brox       | Hub  | FALSE |
| Ttc5       | Hub  | FALSE |
| Cox19      | Hub  | FALSE |
| Fkbp8      | Hub  | FALSE |
| Fam32a     | Hub  | FALSE |
| Ly6g6f     | Hub  | FALSE |
| Gene    | Hub | Value |
|---------|-----|-------|
| Thbs2   |     | FALSE |
| Ttc39c  |     | FALSE |
| Tet2    |     | FALSE |
| Iscu    |     | FALSE |
| Glb1l   |     | FALSE |
| AA465934|     | FALSE |
| Selm    |     | FALSE |
| Mtmr7   |     | FALSE |
| Mpp1    |     | FALSE |
| Mmd2    |     | FALSE |
| Hap1    |     | FALSE |
| Zfp628  |     | TRUE  |
| C030037DC|    | FALSE |
| Lrrc1   |     | FALSE |
| Txndc15 |     | FALSE |
| Diablo  |     | TRUE  |
| Tacc2   |     | FALSE |
| Ndufa11 |     | FALSE |
| Drap1   |     | FALSE |
| Ddhd1   |     | FALSE |
| Dynll1  |     | FALSE |
| Comt    |     | FALSE |
| Stom    |     | FALSE |
| Nol7    |     | FALSE |
| Cic     |     | TRUE  |
| Pygo1   |     | FALSE |
| Hspb1   |     | FALSE |
| Fam46a  |     | FALSE |
| Rab11fip5|    | FALSE |
| Tlx2    |     | TRUE  |
| Pdgfd   |     | FALSE |
| Kat2b   |     | FALSE |
| Bnc2    |     | TRUE  |
| Sec11c  |     | FALSE |
| Atp5d   |     | FALSE |
| Apobec3 |     | FALSE |
| Appl1   |     | FALSE |
| Gabarap |     | FALSE |
| C030039L0|    | FALSE |
| Churc1  |     | TRUE  |
| Sdccag3 |     | FALSE |
| Ubxn4   |     | FALSE |
| Prdx6b  |     | FALSE |
| 4930412O1|    | FALSE |
| Bcl9l   |     | FALSE |
| Zcwpw1  |     | FALSE |
| Zfp30   |     | TRUE  |
| Fhit    |     | FALSE |
| Dcxr    |     | FALSE |
| Dusp3   |     | FALSE |
| Gene   | Hub | Value |
|--------|-----|-------|
| Hexa   | Hub | FALSE |
| Ttc28  | Hub | FALSE |
| Fam3a  | Hub | FALSE |
| Cd40   | Hub | FALSE |
| Arhgap39 | Hub | FALSE |
| Fbrs   | Hub | FALSE |
| Trappc9 | Hub | FALSE |
| Gm13315| Hub | FALSE |
| Lamp2  | Hub | FALSE |
| Stk33  | Hub | FALSE |
| Sar1b  | Hub | FALSE |
| Rab3gap2 | Hub | FALSE |
| Ly96   | Hub | FALSE |
| Zfhx2  | Hub | TRUE  |
| Dnm2   | Hub | FALSE |
Common genes shared between neural crest and "hub" cells. Transcription factors (TFs) are designated
in the "TF" column with "TRUE"