

| Gene 1 | Gene 2 | SL-Score |
|---------------|---------------|-----------------|
| Gpbp1 | Gtf2b | 0.957 |
| Sh3kbp1 | Atxn2 | 0.954 |
| Gpbp1 | Spata24 | 0.953 |
| Zfp513 | Nkd2 | 0.952 |
| Hist2h4 | Srf | 0.952 |
| Bach1 | Btg2 | 0.948 |
| Gtf2b | Spata24 | 0.947 |
| Syn2 | Krt76 | 0.945 |
| Ncam1 | Pde10a | 0.944 |
| Ptpn6 | Cd3e | 0.944 |
| Map2k4 | Tmem115 | 0.943 |
| Phc3 | Fos | 0.943 |
| Ubb | Rnf14 | 0.943 |
| Fadd | Atg5 | 0.942 |
| Sap18 | Hist1h2ai | 0.942 |
| Pias1 | Sap18 | 0.941 |
| Ep300 | Myod1 | 0.941 |
| Tcrb | Cd3e | 0.94 |
| Bach1 | Crem | 0.939 |
| Egr2 | Zfp110 | 0.939 |
| Smc3 | Atrx | 0.939 |
| Gnb1 | Gnao1 | 0.938 |
| Gnb1 | Btk | 0.938 |
| Id1 | Tfdp2 | 0.938 |
| Pura | Mybl2 | 0.938 |
| Pias3 | Pias1 | 0.938 |
| Hist3h2a | Phf17 | 0.938 |
| H1f0 | Ccna2 | 0.937 |
| Sf3b1 | Spata24 | 0.937 |
| Dok2 | Nck1 | 0.936 |
| Hand2 | Hand1 | 0.936 |
| Ubb | Ulk1 | 0.936 |
| Myo6 | Plekhg5 | 0.936 |
| Bach1 | Hoxd13 | 0.935 |
| Six6 | Tle4 | 0.935 |
| Hist2h4 | H3 | 0.935 |
| Syn2 | Myo5a | 0.935 |
| Als2 | Tcerg1 | 0.934 |
| Hist2h4 | Rnf14 | 0.934 |
| Pura | Syn2 | 0.934 |
| Barx2 | Tle1 | 0.934 |
| Btk | Gng2 | 0.934 |
| Bag1 | Dnajb6 | 0.933 |
| Phc3 | Spata24 | 0.933 |
| Kif5c | Kif5a | 0.933 |

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| Syn2 | Fus | 0.933 |
| Atg5 | Atg12 | 0.932 |
| Ntrk1 | Ngfr | 0.932 |
| Hist3h2a | Rnf14 | 0.932 |
| Iqgap1 | Pafah1b1 | 0.932 |
| Id1 | Hand1 | 0.931 |
| Fadd | Fas | 0.931 |
| Slc11a1 | Spata24 | 0.931 |
| Egr2 | Cflar | 0.931 |
| Atg5 | Atg16l1 | 0.931 |
| Tirap | Pag1 | 0.931 |
| Ncoa6 | Cbx7 | 0.931 |
| Gpbp1 | Taf1c | 0.93 |
| Id1 | Cops8 | 0.93 |
| Sirt1 | Ep300 | 0.93 |
| Rab7 | Sun2 | 0.93 |
| Pparg | Ifrd1 | 0.93 |
| Pparg | Ncor1 | 0.93 |
| Ubb | Pdlim4 | 0.93 |
| Kif5c | Kif5b | 0.93 |
| H1f0 | Ccnb1 | 0.93 |
| Syn2 | Capzb | 0.93 |
| Pura | Kif5a | 0.929 |
| Ncoa6 | Spata24 | 0.929 |
| Syn2 | Nf1 | 0.929 |
| Gtf2h1 | Csde1 | 0.928 |
| Egr2 | Tbk1 | 0.928 |
| Syn2 | Bcr | 0.928 |
| Il17rc | Il17ra | 0.927 |
| Carm1 | Ncoa2 | 0.927 |
| Id1 | Tsc22d3 | 0.927 |
| Sp7 | Dlx2 | 0.927 |
| Aldoa | Suz12 | 0.927 |
| Eya1 | Neurog1 | 0.927 |
| Pparg | Hdac6 | 0.927 |
| Cask | Ambra1 | 0.927 |
| Bach1 | Men1 | 0.926 |
| Lmnb1 | Sun2 | 0.926 |
| Egr2 | Stam2 | 0.926 |
| Ntrk1 | Ulk1 | 0.926 |
| Pparg | E2f1 | 0.926 |
| Bach1 | Col5a1 | 0.925 |
| Usf1 | Ccna2 | 0.925 |
| Id1 | Cops6 | 0.925 |
| Barx2 | Atf2 | 0.925 |
| Pias3 | Taf1c | 0.925 |

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| Max | Huwe1 | 0.925 |
| Ryr2 | Sri | 0.925 |
| Bach1 | Col3a1 | 0.924 |
| Aldoa | Ngfr | 0.924 |
| Ubb | Anxa1 | 0.924 |
| Dynll1 | Tubb5 | 0.924 |
| Hoxd13 | Sox15 | 0.924 |
| Tnf | Fadd | 0.923 |
| Gpbp1 | Pcmt1 | 0.923 |
| Rab7 | Lbr | 0.923 |
| Egr2 | Ntrk1 | 0.923 |
| Ube2i | 2-Sep | 0.923 |
| Ptpn6 | Vav1 | 0.923 |
| Gtf2h1 | Aagab | 0.922 |
| Gtf2h1 | Cdk7 | 0.922 |
| Six6 | Aes | 0.922 |
| Hist2h4 | Ubb | 0.922 |
| Mtf1 | Hoxa1 | 0.922 |
| Irak4 | Tirap | 0.922 |
| Egr2 | Was | 0.922 |
| Dynll1 | Tuba1b | 0.922 |
| Syn2 | Eef1a1 | 0.922 |
| Foxh1 | Dlx2 | 0.922 |
| Mecp2 | Ifrd1 | 0.921 |
| Gpbp1 | Taf5 | 0.921 |
| Gpbp1 | Zfp592 | 0.921 |
| Gtf2h1 | Irf4 | 0.921 |
| Zfp354a | H3 | 0.921 |
| Smc2 | Crem | 0.921 |
| Pparg | Ngfr | 0.921 |
| Pparg | Runx2 | 0.921 |
| Ccnh | Cdk7 | 0.921 |
| Mef2a | Foxh1 | 0.92 |
| Epc1 | Ncoa6 | 0.92 |
| Id1 | Ascl1 | 0.92 |
| Id1 | Otx2 | 0.92 |
| Slc11a1 | Atg16l1 | 0.92 |
| Pias3 | Zdhhc13 | 0.92 |
| Sun2 | Syne2 | 0.92 |
| Irf5 | Irak1 | 0.92 |
| Pparg | Sykb | 0.92 |
| Gab1 | Diap1 | 0.92 |
| Epc1 | Rarg | 0.919 |
| Gpbp1 | Pias3 | 0.919 |
| Pcmt1 | Rxra | 0.919 |
| Sod1 | Myog | 0.919 |

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| Traf3 | Ticam1 | 0.919 |
| Mtf1 | Maml1 | 0.919 |
| Egr2 | Sykb | 0.919 |
| Pparg | Nr0b2 | 0.919 |
| Syn2 | Ppp2cb | 0.919 |
| Syn2 | Hspa9 | 0.919 |
| Gab1 | Atxn2 | 0.919 |
| Sorbs1 | Cd2ap | 0.918 |
| Gbbp1 | Polr1b | 0.918 |
| Zfp513 | Zscan2 | 0.918 |
| Ubtf | Polr1b | 0.918 |
| Id3 | Ivns1abp | 0.918 |
| Irf8 | Tbk1 | 0.918 |
| Id1 | Irf4 | 0.918 |
| Sod1 | Zfp110 | 0.918 |
| Gtf2h1 | Ccnh | 0.918 |
| Slc11a1 | H3f3a | 0.918 |
| Hist1h3f | Ccnb1 | 0.918 |
| Pparg | Nr1h4 | 0.918 |
| Syn2 | Arhgef7 | 0.918 |
| Syn2 | Plec | 0.918 |
| Myo6 | Gipc1 | 0.918 |
| Ptrf | Ldhb | 0.918 |
| Bag1 | Creb1 | 0.917 |
| Id1 | Eya3 | 0.917 |
| Lmnb1 | Myh9 | 0.917 |
| Rab7 | Serbp1 | 0.917 |
| Siah2 | Ncor1 | 0.917 |
| Ppard | Foxh1 | 0.917 |
| Pparg | Zfp110 | 0.917 |
| Pparg | Fos | 0.917 |
| Scmh1 | Spata24 | 0.917 |
| Fas | Ncor1 | 0.917 |
| Foxh1 | Sox15 | 0.917 |
| Gbbp1 | Eya3 | 0.916 |
| Rab7 | Eif3i | 0.916 |
| Mtf2 | Ivns1abp | 0.916 |
| Ubb | Polr1a | 0.916 |
| Ubb | Tuba1b | 0.916 |
| Clybl | Rapgef1 | 0.916 |
| Taf1c | Taf1b | 0.916 |
| Bag1 | Spna2 | 0.915 |
| Usf1 | Grip1 | 0.915 |
| Jup | Ctnna1 | 0.915 |
| Dok2 | Rasa1 | 0.915 |
| Irf8 | Ngfr | 0.915 |

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| Hist2h4 | Rfx4 | 0.915 |
| Egr2 | Hdac6 | 0.915 |
| Egr2 | Ngfr | 0.915 |
| Pparg | Tbk1 | 0.915 |
| Hist3h2a | Pdlim4 | 0.915 |
| Six3 | Tle4 | 0.914 |
| Nrip1 | Kcnd2 | 0.914 |
| Bach1 | Eif4enif1 | 0.913 |
| Map2k4 | Malt1 | 0.913 |
| Rnh1 | Dsg1a | 0.913 |
| Gtf2h1 | Abtb1 | 0.913 |
| Zfp354a | Hist2h2be | 0.913 |
| Max | Pcna | 0.913 |
| Mixl1 | Pou4f2 | 0.913 |
| Aldoa | Ntrk1 | 0.913 |
| Aldoa | Krt73 | 0.913 |
| Tirap | Tubg1 | 0.913 |
| Pparg | Hist4h4 | 0.913 |
| Ncoa6 | Ppp2ca | 0.913 |
| Ube2d1 | Cul7 | 0.913 |
| Map2k4 | Bcl10 | 0.912 |
| Als2 | Grin2d | 0.912 |
| Sod1 | Ntrk1 | 0.912 |
| Tle1 | Atf2 | 0.912 |
| Egr2 | Phf20 | 0.912 |
| Aldoa | Krt76 | 0.912 |
| Ep300 | Rela | 0.912 |
| Ppard | Nr1h4 | 0.912 |
| Pparg | Ulk1 | 0.912 |
| Pparg | Pdx1 | 0.912 |
| Pparg | Phf12 | 0.912 |
| Ncoa6 | H2afx | 0.912 |
| Ubb | Psme3 | 0.912 |
| Ubb | Phf2 | 0.912 |
| Fancd2 | Cflar | 0.912 |
| Klrb1c | Ambra1 | 0.912 |
| Srf | Hdac5 | 0.912 |
| Bag1 | Suz12 | 0.911 |
| Il17rc | Traf3ip2 | 0.911 |
| Usf1 | Hist3h2a | 0.911 |
| Gpbp1 | Kat2a | 0.911 |
| Cryab | Fbxo4 | 0.911 |
| Id3 | Ttn | 0.911 |
| Six3 | Aes | 0.911 |
| Egr2 | Myog | 0.911 |
| Egr2 | Tnk2 | 0.911 |

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| Nefl | Nefh | 0.911 |
| Ubb | Hist3h2a | 0.911 |
| Syn2 | Casp3 | 0.911 |
| Blnk | Gng2 | 0.911 |
| Hist3h2a | Phf2 | 0.911 |
| Mef2a | Mef2d | 0.91 |
| Map2k4 | Mib2 | 0.91 |
| Gbbp1 | Hdac10 | 0.91 |
| Lmnb1 | Lbr | 0.91 |
| Polk | Pcna | 0.91 |
| Rab7 | Rab5a | 0.91 |
| Pias3 | Taf1a | 0.91 |
| Egr2 | Arntl | 0.91 |
| Egr2 | Ctcf | 0.91 |
| Egr2 | Cdh1 | 0.91 |
| Med1 | Hmga1 | 0.91 |
| Pparg | Mc4r | 0.91 |
| Ubb | Zfp277 | 0.91 |
| Capn2 | Vrk3 | 0.91 |
| Dynll1 | Tuba4a | 0.91 |
| Brca1 | Brca2 | 0.91 |
| Bach1 | Hoxa13 | 0.909 |
| Gtf2a1l | Taf13 | 0.909 |
| Epc1 | Cbx8 | 0.909 |
| Epc1 | Hist3h2a | 0.909 |
| Kat5 | Atm | 0.909 |
| Lmnb1 | Hsp90b1 | 0.909 |
| Egr2 | Junb | 0.909 |
| Aldoa | Myog | 0.909 |
| Aldoa | Ldha | 0.909 |
| Pparg | Msx2 | 0.909 |
| Fancd2 | Tbk1 | 0.909 |
| Suz12 | Plp1 | 0.909 |
| Bag1 | Ptk2 | 0.908 |
| Psm4 | Glud1 | 0.908 |
| Psm4 | Hnrnp | 0.908 |
| Sin3b | Phf12 | 0.908 |
| Irf8 | Junb | 0.908 |
| Sod1 | Prkcsh | 0.908 |
| Rab3d | Atp5d | 0.908 |
| Hist2h4 | Mbip | 0.908 |
| Hist2h4 | Zfp277 | 0.908 |
| Pias3 | Taf1b | 0.908 |
| Mll1 | Rnf14 | 0.908 |
| Zfp236 | Maml1 | 0.908 |
| Egr2 | Prkcsh | 0.908 |

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| Egr2 | Notch1 | 0.908 |
| Med1 | Nrip1 | 0.908 |
| H1f0 | Cebpa | 0.908 |
| Syn2 | Acta1 | 0.908 |
| Git1 | Arhgef7 | 0.908 |
| Polr1b | Ctcf | 0.908 |
| Cdk4 | Psmc10 | 0.908 |
| Gab1 | Sh3bp2 | 0.908 |
| Gtf2a1l | Aes | 0.907 |
| Lmnb1 | Eif3i | 0.907 |
| Gtf2h1 | Tfdp2 | 0.907 |
| Cdk5 | Ccna2 | 0.907 |
| Wwp2 | Egr2 | 0.907 |
| Tle1 | Ifrd1 | 0.907 |
| Ndel1 | Nefl | 0.907 |
| Egr2 | Smurf1 | 0.907 |
| Egr2 | Casp8 | 0.907 |
| Pparg | Sh3gl2 | 0.907 |
| H1 | Ccnb1 | 0.907 |
| Foxh1 | Hoxa13 | 0.907 |
| Bag1 | Ppp1cb | 0.906 |
| Mef2a | Eif4enif1 | 0.906 |
| Myh10 | 2900073G15 | 0.906 |
| Gtf2h1 | Gtf2f1 | 0.906 |
| Six1 | Neurog1 | 0.906 |
| Hnf1b | Kat2b | 0.906 |
| Rab7 | Syne2 | 0.906 |
| Mixl1 | Rbl1 | 0.906 |
| Mixl1 | Hoxc4 | 0.906 |
| Ncam1 | Atp1a3 | 0.906 |
| Ube2i | Sumo3 | 0.906 |
| Pparg | Arntl | 0.906 |
| Dbp | Clock | 0.906 |
| Hist3h2a | Nr1h4 | 0.906 |
| Gab1 | Irs2 | 0.906 |
| Mef2a | Tnf | 0.905 |
| Gpbp1 | Hist3h2a | 0.905 |
| Irf8 | Msx2 | 0.905 |
| Pcgf2 | Spata24 | 0.905 |
| Hist2h4 | Trim27 | 0.905 |
| Egr2 | Skil | 0.905 |
| Bcl10 | Mib2 | 0.905 |
| Aldoa | Nfkbia | 0.905 |
| Fancd2 | Sykb | 0.905 |
| Eif4e | Eif2a | 0.905 |
| Ifrd1 | Rfxank | 0.905 |

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| Tbrg1 | Ppp1r9b | 0.905 |
| Spata24 | Phc2 | 0.905 |
| Bach1 | Vsx2 | 0.904 |
| Tnfaip3 | Ssbp3 | 0.904 |
| Psmc4 | Psmc2 | 0.904 |
| Rsad2 | Irf7 | 0.904 |
| Als2 | Nrip1 | 0.904 |
| Epc1 | Rbm39 | 0.904 |
| Itch | Junb | 0.904 |
| Rnh1 | Ctnn | 0.904 |
| Id1 | Abtb1 | 0.904 |
| Lmnb1 | Syne2 | 0.904 |
| Rai14 | Pdlim4 | 0.904 |
| Pias3 | Abt1 | 0.904 |
| Zap70 | Sla | 0.904 |
| Egr2 | Eif2c2 | 0.904 |
| Cops8 | Cops6 | 0.904 |
| Prkca | Actn2 | 0.904 |
| Notch2 | Smarcd3 | 0.904 |
| Pparg | Reg1 | 0.904 |
| Ubb | Ctnn | 0.904 |
| Dynll1 | Tubb2c | 0.904 |
| Ube2d1 | Ptma | 0.904 |
| Dusp3 | Vrk3 | 0.904 |
| Mef2a | Ncor2 | 0.903 |
| Map2k4 | Mapk8ip1 | 0.903 |
| Mecp2 | Lbxcor1 | 0.903 |
| Mecp2 | Nr1h4 | 0.903 |
| Shc1 | Atxn2 | 0.903 |
| Als2 | Homer2 | 0.903 |
| Usf1 | Kat2a | 0.903 |
| Gbbp1 | Csk | 0.903 |
| Smad9 | Btg2 | 0.903 |
| Rnh1 | Yeats2 | 0.903 |
| Id1 | Gtf2h1 | 0.903 |
| Cd2ap | Sykb | 0.903 |
| Gtf2h1 | Zfp592 | 0.903 |
| Hist2h4 | Sfn | 0.903 |
| Hnf1a | Zfp236 | 0.903 |
| Cdx1 | Dlx1 | 0.903 |
| Ywhag | Mark3 | 0.903 |
| Egr2 | Trim32 | 0.903 |
| Aldoa | Zfp110 | 0.903 |
| Med1 | Tbx21 | 0.903 |
| H1f0 | Iqgap1 | 0.903 |
| Syn2 | Eef1a2 | 0.903 |

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| Itpr3 | Trpc4 | 0.903 | |
| Map2k4 | Peli2 | 0.902 | |
| Psma4 | Lox | 0.902 | |
| Gnb1 | Adrbk1 | 0.902 | |
| Rnh1 | Ubb | 0.902 | |
| Id3 | Hand1 | 0.902 | |
| Id3 | Anxa1 | 0.902 | |
| Sod1 | Myh3 | 0.902 | |
| Gtf2h1 | Tgfb1i1 | 0.902 | |
| Skp1a | Mcl1 | 0.902 | |
| Egr2 | Bcr | 0.902 | |
| Egr2 | Hist2h2bb | 0.902 | |
| Smurf1 | Runx2 | 0.902 | |
| Arrb1 | Yes1 | 0.902 | |
| Zfp110 | Ngfr | 0.902 | |
| Ubb | Phf17 | 0.902 | |
| H1f0 | Gtf2b | 0.902 | |
| Fancd2 | Fam175b | 0.902 | |
| Dynll1 | Hnrnph2 | 0.902 | |
| Thrb | Ncor1 | 0.902 | |
| Hist3h2a | Zfp277 | 0.902 | |
| Bach1 | Zeb2 | 0.901 | |
| Syvn1 | Hsp90b1 | 0.901 | |
| Psma4 | Ptpn13 | 0.901 | |
| Als2 | Cacng2 | 0.901 | |
| Dok2 | Nck2 | 0.901 | |
| Rnh1 | Hsp90b1 | 0.901 | |
| Id3 | Ncoa2 | 0.901 | |
| Hist2h4 | Ddx5 | 0.901 | |
| Hist2h4 | Psme3 | 0.901 | |
| Tle1 | Srf | 0.901 | |
| | 5-Sep | 7-Sep | 0.901 |
| Slc11a1 | Phc2 | 0.901 | |
| Pias3 | Cxxc1 | 0.901 | |
| Mtf1 | Tox3 | 0.901 | |
| Egr2 | Mcl1 | 0.901 | |
| Pparg | Fam175b | 0.901 | |
| Ubb | Spata24 | 0.901 | |
| Fancd2 | Junb | 0.901 | |
| Syn2 | Hspa2 | 0.901 | |
| Fasn | Atxn2 | 0.901 | |
| Sf1 | Pin1 | 0.9 | |
| Bach1 | Smad9 | 0.9 | |
| Bach1 | Smurf1 | 0.9 | |
| Map2k4 | Fadd | 0.9 | |
| Epc1 | Barx2 | 0.9 | |

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| Cd40 | Map2k7 | 0.9 |
| Rnh1 | Tfrc | 0.9 |
| Irf8 | Sh3gl2 | 0.9 |
| Sirt1 | Trp53 | 0.9 |
| Hnf1a | Hnf4a | 0.9 |
| Egr2 | Gli2 | 0.9 |
| Tmf1 | Irak1 | 0.9 |
| Ncam1 | Zfp36 | 0.9 |
| Trib2 | Trib3 | 0.9 |
| Pparg | Gfi1b | 0.9 |
| Phc3 | Phc2 | 0.9 |
| H1f0 | Map2k7 | 0.9 |
| Fbxw8 | Skp1a | 0.899 |
| Bag1 | Btrc | 0.899 |
| Bag1 | Gnao1 | 0.899 |
| Shc1 | Sykb | 0.899 |
| Sin3b | Ifrd1 | 0.899 |
| Id3 | Hist2h4 | 0.899 |
| Id3 | Neurog2 | 0.899 |
| Id3 | Rfx4 | 0.899 |
| Irf8 | Flt1 | 0.899 |
| Id1 | Ncoa2 | 0.899 |
| Hand1 | Ascl1 | 0.899 |
| Rab7 | Ttn | 0.899 |
| Hist2h4 | Neurog2 | 0.899 |
| Pura | Atp5a1 | 0.899 |
| Slc11a1 | Zfp110 | 0.899 |
| Slc11a1 | Map1lc3a | 0.899 |
| Egr2 | Fam175b | 0.899 |
| Aldoa | Actn4 | 0.899 |
| Pparg | Ski | 0.899 |
| Pparg | Myod1 | 0.899 |
| Pparg | Jund | 0.899 |
| Fancd2 | Sh3gl2 | 0.899 |
| Cask | Sh3gl1 | 0.899 |
| Tmem115 | Mapk8ip1 | 0.899 |
| Mef2a | Col5a1 | 0.898 |
| Map2k4 | Khdrbs1 | 0.898 |
| Id3 | Pdcd6 | 0.898 |
| Cd2ap | Dok3 | 0.898 |
| Rac1 | Rps6ka3 | 0.898 |
| Fbxl2 | Calm1 | 0.898 |
| Lmnb1 | Ptma | 0.898 |
| Pura | Smn1 | 0.898 |
| Egr2 | Csf1r | 0.898 |
| Aldoa | Ticam1 | 0.898 |

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| Sf3b2 | Psmc3 | 0.898 |
| Pparg | Cflar | 0.898 |
| Kdm4c | Kdm6b | 0.898 |
| Syn2 | Trim32 | 0.898 |
| Gtf3c1 | Hoxd13 | 0.898 |
| Hhex | Fos | 0.898 |
| Map2k6 | Dusp2 | 0.897 |
| Gtf2a1l | Pou6f1 | 0.897 |
| Gnb1 | Gng2 | 0.897 |
| Eme1 | Mus81 | 0.897 |
| Psmb4 | Hsp90aa1 | 0.897 |
| Usp2 | Ntrk1 | 0.897 |
| Sod1 | Casp8 | 0.897 |
| Nr3c2 | Stub1 | 0.897 |
| Zfp369 | Siah2 | 0.897 |
| Pura | Tfdp2 | 0.897 |
| Slc11a1 | Prkcd | 0.897 |
| Mll1 | Arntl | 0.897 |
| Egr2 | Smn1 | 0.897 |
| Atg5 | Casp8 | 0.897 |
| Mixl1 | Hoxa11 | 0.897 |
| Eya3 | Irf7 | 0.897 |
| Ncam1 | Atp1a1 | 0.897 |
| Phf20 | Kdm6b | 0.897 |
| Notch2 | Ryr2 | 0.897 |
| Capn2 | Mdk | 0.897 |
| Ifrd1 | Pdx1 | 0.897 |
| Crocc | Mapk8ip1 | 0.897 |
| Id1 | Cnot8 | 0.896 |
| Gtf2h1 | Gtf2h2 | 0.896 |
| Ascl1 | Neurog2 | 0.896 |
| Tlr4 | Ticam1 | 0.896 |
| Egr2 | Pax3 | 0.896 |
| Egr2 | Casp3 | 0.896 |
| Egr2 | Flt1 | 0.896 |
| Klc1 | Mapk8ip3 | 0.896 |
| Tirap | Trim28 | 0.896 |
| Syn2 | Ppp3ca | 0.896 |
| Casp8 | Ulk1 | 0.896 |
| Sorbs1 | Rapgef1 | 0.895 |
| Als2 | Grin2c | 0.895 |
| Id3 | Hist3h2a | 0.895 |
| Id3 | Acta2 | 0.895 |
| Id1 | Rbl1 | 0.895 |
| Lmnb1 | Rab7 | 0.895 |
| Lmnb1 | Fus | 0.895 |

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| Gtf2h1 | Zfp111 | 0.895 |
| Ptk2 | Gata4 | 0.895 |
| Tcf12 | Ascl3 | 0.895 |
| Egr2 | Msx2 | 0.895 |
| Birc2 | Khdrbs1 | 0.895 |
| Eya3 | Eya1 | 0.895 |
| Pparg | Fancd2 | 0.895 |
| Ifrd1 | Msx2 | 0.895 |
| Ube2d1 | Cryge | 0.895 |
| Bag1 | Bcl2l11 | 0.894 |
| Bach1 | Smarcd3 | 0.894 |
| Mef2a | Hoxd13 | 0.894 |
| Epc1 | Tfdp1 | 0.894 |
| Itch | Cflar | 0.894 |
| Rnh1 | Zdhhc13 | 0.894 |
| Rnh1 | Ttn | 0.894 |
| Id3 | Psme3 | 0.894 |
| Id1 | Tgfb1i1 | 0.894 |
| Cd2ap | Sorbs2 | 0.894 |
| Psmb1 | Ptpn13 | 0.894 |
| Usp2 | Myh3 | 0.894 |
| Gtf2h1 | Zscan2 | 0.894 |
| Rab7 | Sun1 | 0.894 |
| Hist2h4 | Zfp292 | 0.894 |
| Hist2h4 | Phf2 | 0.894 |
| Hist2h4 | Taf1b | 0.894 |
| Zfp354a | Lmx1a | 0.894 |
| Max | Hspa1b | 0.894 |
| Aldoa | Eif2a | 0.894 |
| Pparg | Fyn | 0.894 |
| Pparg | Prkcsh | 0.894 |
| Limk2 | Limk1 | 0.894 |
| Hoxb13 | Dlx5 | 0.894 |
| Tbrg1 | Ttc4 | 0.894 |
| Lef1 | Plagl2 | 0.894 |
| Nrip1 | Nr1h4 | 0.894 |
| Usf1 | Nr1h4 | 0.893 |
| Id3 | Krt15 | 0.893 |
| Gtf2h1 | Dlx5 | 0.893 |
| Sirt1 | Pparg | 0.893 |
| Pura | Rplp0 | 0.893 |
| Pclo | Rapgef4 | 0.893 |
| Irak4 | Il1r1 | 0.893 |
| Egr2 | Ube2n | 0.893 |
| Egr2 | Psmc3 | 0.893 |
| Eya3 | Neurod1 | 0.893 |

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|----------|----------|-------|
| Aldoa | Anxa1 | 0.893 |
| Dynll1 | Krt42 | 0.893 |
| Syn2 | Itpr1 | 0.893 |
| Syn2 | Rps3 | 0.893 |
| Arntl | Dbp | 0.893 |
| Gtf3c1 | Hoxa10 | 0.893 |
| Hist3h2a | Ctbp2 | 0.893 |
| Ifrd1 | Hist4h4 | 0.893 |
| Cask | Ppfia2 | 0.893 |
| Gtf2a1l | Tle4 | 0.892 |
| Psm4 | Cand2 | 0.892 |
| Psm4 | Hnrnpf | 0.892 |
| Epc1 | Usf1 | 0.892 |
| Rarg | Usf1 | 0.892 |
| Gpbp1 | Abt1 | 0.892 |
| Rnh1 | Krt8 | 0.892 |
| Irf8 | Ulk1 | 0.892 |
| Id1 | Hnf4g | 0.892 |
| Rac1 | Sykb | 0.892 |
| Lmnb1 | Hist2h4 | 0.892 |
| Gtf2h1 | Kdm5d | 0.892 |
| Sirt1 | Fos | 0.892 |
| Rab3d | Hbb-b1 | 0.892 |
| Pura | H1f0 | 0.892 |
| Pura | Arhgap33 | 0.892 |
| Hnf1a | Hnf4g | 0.892 |
| Zfp236 | Nr1h4 | 0.892 |
| Egr2 | Cebpa | 0.892 |
| Pparg | Smyd1 | 0.892 |
| Pparg | Cebpb | 0.892 |
| Ubb | Krt42 | 0.892 |
| Ubb | Ttn | 0.892 |
| Rbpj | Notch1 | 0.892 |
| Gab1 | Lepr | 0.892 |
| Casp8 | Flt1 | 0.892 |
| Bag1 | Itch | 0.891 |
| Bag1 | Krt8 | 0.891 |
| Bach1 | Sf3b2 | 0.891 |
| Bach1 | Sip1 | 0.891 |
| Mef2a | Dnajb6 | 0.891 |
| Mecp2 | Phf12 | 0.891 |
| Gtf2a1l | Rnps1 | 0.891 |
| Sorbs1 | Sykb | 0.891 |
| Sorbs1 | Atxn2 | 0.891 |
| Lifr | Il6st | 0.891 |
| Gpbp1 | Irf1 | 0.891 |

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|----------|----------|-------|
| Gbbp1 | Taf1b | 0.891 |
| Rnh1 | Prss1 | 0.891 |
| Phb2 | Eef1a2 | 0.891 |
| Gtf2h1 | C1qbp | 0.891 |
| Gtf2h1 | Med31 | 0.891 |
| Gtf2h1 | Zfp764 | 0.891 |
| Ssbp3 | Lmx1b | 0.891 |
| Hist2h4 | Phf17 | 0.891 |
| Mtf1 | Cebpd | 0.891 |
| Mapkapk2 | Phc2 | 0.891 |
| Zfp236 | Neurog2 | 0.891 |
| Pitx1 | Pin1 | 0.891 |
| Egr2 | Gsc | 0.891 |
| Egr2 | Ctnn | 0.891 |
| Mixl1 | Emx2 | 0.891 |
| Pparg | Irak1 | 0.891 |
| Pparg | Ctcf | 0.891 |
| Pparg | Csf1r | 0.891 |
| Ncoa6 | Rxra | 0.891 |
| Ubb | Gria1 | 0.891 |
| Casp8 | Fas | 0.891 |
| Fasn | Lepr | 0.891 |
| Rara | Ep300 | 0.89 |
| Bach1 | Kat2b | 0.89 |
| Mef2a | Col3a1 | 0.89 |
| Gtf2a1l | Eya3 | 0.89 |
| Hdac4 | Ifrd1 | 0.89 |
| Id1 | Phb2 | 0.89 |
| Rev1 | Polh | 0.89 |
| Rps6kb1 | Mtor | 0.89 |
| Hist2h4 | Hist3h2a | 0.89 |
| Hist2h4 | Pdlim4 | 0.89 |
| Pura | Eef1a2 | 0.89 |
| Tle1 | Msx2 | 0.89 |
| Pias3 | Taf5 | 0.89 |
| Prlr | Agap2 | 0.89 |
| Gnao1 | Ldha | 0.89 |
| Birc2 | Malt1 | 0.89 |
| Birc2 | Chuk | 0.89 |
| Mixl1 | Pou6f1 | 0.89 |
| Aldoa | Ipo9 | 0.89 |
| Aldoa | Acta1 | 0.89 |
| Med1 | Med16 | 0.89 |
| Pparg | Usp8 | 0.89 |
| Pparg | Srebf1 | 0.89 |
| Pparg | Flt1 | 0.89 |

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|---------|---------|-------|
| Fancd2 | Ngfr | 0.89 |
| Fancd2 | Cdh1 | 0.89 |
| Dynll1 | Hspa9 | 0.89 |
| Syn2 | Usp8 | 0.89 |
| Rapgef4 | Rims2 | 0.89 |
| Rela | Jun | 0.89 |
| Ubqln2 | Eif2a | 0.89 |
| Ptma | Cul7 | 0.89 |
| Tmem115 | Tab1 | 0.89 |
| Lef1 | Hoxa13 | 0.89 |
| Fasn | H2afx | 0.89 |
| Foxh1 | Hoxa10 | 0.89 |
| Syvn1 | Stx6 | 0.889 |
| Mef2a | Mef2c | 0.889 |
| Gtf2a1l | Stat5b | 0.889 |
| Pasma4 | Atp2a2 | 0.889 |
| Shc1 | Stat3 | 0.889 |
| Gpbp1 | Hnf1b | 0.889 |
| Rnh1 | Sfn | 0.889 |
| Id3 | Kdm4b | 0.889 |
| Id3 | Krt42 | 0.889 |
| Id1 | Tcf12 | 0.889 |
| Lmo2 | Lmo3 | 0.889 |
| Traf6 | Rela | 0.889 |
| Rab7 | Hsp90b1 | 0.889 |
| Rps6kb1 | Rptor | 0.889 |
| Hist2h4 | Tsc22d3 | 0.889 |
| Egr2 | Stat5a | 0.889 |
| Egr2 | Nfkbia | 0.889 |
| Egr2 | Pparg | 0.889 |
| Tle4 | Lef1 | 0.889 |
| Eya3 | Neurog1 | 0.889 |
| Mph1 | Cbx7 | 0.889 |
| Med1 | Smad4 | 0.889 |
| Pparg | Casp3 | 0.889 |
| Capn2 | Metap2 | 0.889 |
| Ifrd1 | Mef2c | 0.889 |
| Ppp1cc | Trp53 | 0.889 |
| Mecp2 | Barx2 | 0.888 |
| Mecp2 | Sfpi1 | 0.888 |
| Carm1 | Mef2c | 0.888 |
| Als2 | Atp1a1 | 0.888 |
| Als2 | Gria1 | 0.888 |
| Rnh1 | Ldha | 0.888 |
| Pcmt1 | Ppara | 0.888 |
| Id3 | Zfp277 | 0.888 |

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|---------|-----------|-------|
| Id1 | Med31 | 0.888 |
| Id1 | Tbx21 | 0.888 |
| Cd2ap | Map2k7 | 0.888 |
| Rac1 | Lrp1 | 0.888 |
| Sod1 | Psmc3 | 0.888 |
| Lmo2 | Lmo4 | 0.888 |
| Cdk5 | Ccnh | 0.888 |
| Egr2 | Pten | 0.888 |
| Mixl1 | Olig1 | 0.888 |
| Nbr1 | Ubb | 0.888 |
| Nefl | Myo5a | 0.888 |
| Notch2 | Sri | 0.888 |
| Pparg | Hist2h2bb | 0.888 |
| Pparg | Junb | 0.888 |
| Pparg | Flt3 | 0.888 |
| Ubb | Calm2 | 0.888 |
| Kif5a | Kcnc1 | 0.888 |
| Dynll1 | Actn4 | 0.888 |
| Eef1a1 | Krt42 | 0.888 |
| Casp8 | Msx2 | 0.888 |
| Fas | Irf1 | 0.888 |
| Mef2a | Rfxank | 0.887 |
| Als2 | Kcnd2 | 0.887 |
| Epc1 | Mllt1 | 0.887 |
| Ncstn | Rer1 | 0.887 |
| Rnh1 | Hist1h3f | 0.887 |
| Id3 | Ywhaq | 0.887 |
| Id3 | Rps27a | 0.887 |
| Irf8 | Rer1 | 0.887 |
| Hnf1b | Hnf1a | 0.887 |
| Nkx2-5 | Hand1 | 0.887 |
| Traip | Optn | 0.887 |
| Hist2h4 | Foxp1 | 0.887 |
| Hist2h4 | Hdac5 | 0.887 |
| Atf4 | Fos | 0.887 |
| Mtf2 | Mms19 | 0.887 |
| Zfp236 | Cebpd | 0.887 |
| Birc2 | Tirap | 0.887 |
| Rb1 | Cebpa | 0.887 |
| Hbb-b1 | Cfl1 | 0.887 |
| Eef1a1 | Acta1 | 0.887 |
| Zfp277 | Lhx2 | 0.887 |
| Hoxb13 | Dlx1 | 0.887 |
| Ltbr | Ticam1 | 0.887 |
| Bad | Wasf1 | 0.886 |
| Mef2a | Zeb2 | 0.886 |

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|---------|---------|-------|
| Usf1 | Clock | 0.886 |
| Rnh1 | S100a4 | 0.886 |
| Atf7ip | Ccnh | 0.886 |
| Id3 | Polr1a | 0.886 |
| Cdk5 | Nefl | 0.886 |
| Slc2a4 | Daxx | 0.886 |
| Lbxcor1 | Tle1 | 0.886 |
| Hist2h4 | Ube2i | 0.886 |
| Egr2 | Fancd2 | 0.886 |
| Eya3 | Rbl1 | 0.886 |
| Nbr1 | Ctnn | 0.886 |
| Aldoa | Arrb1 | 0.886 |
| Pparg | Itpr1 | 0.886 |
| Ubb | Krt76 | 0.886 |
| Fancd2 | Reg1 | 0.886 |
| Klrb1c | Nr5a2 | 0.886 |
| Hspa1b | Ppp1cc | 0.886 |
| Zfp277 | Zfp592 | 0.886 |
| Hoxa6 | Pknox2 | 0.886 |
| Tceb1 | Wsb1 | 0.886 |
| Tbrg1 | Huwe1 | 0.886 |
| Mef2a | Pknox1 | 0.885 |
| Mecp2 | Rbl2 | 0.885 |
| Mecp2 | Srebf1 | 0.885 |
| Psm4 | Tfrc | 0.885 |
| Gabra1 | Gabrg2 | 0.885 |
| Gbbp1 | Sh3gl1 | 0.885 |
| Rnh1 | Ptpn13 | 0.885 |
| Rnh1 | Myo5a | 0.885 |
| Rnh1 | Spata24 | 0.885 |
| Id3 | Dot1l | 0.885 |
| Psm1 | Hnrnpf | 0.885 |
| Lmo2 | Zfp446 | 0.885 |
| Six6 | Vax2 | 0.885 |
| Trps1 | Zfp236 | 0.885 |
| Wdr1 | Wdr61 | 0.885 |
| Tcf12 | Pdcd6 | 0.885 |
| Skp1a | Cul7 | 0.885 |
| Mtf2 | Rbl2 | 0.885 |
| Egr2 | Hoxc4 | 0.885 |
| Mixl1 | Trp73 | 0.885 |
| Ncor2 | Ncor1 | 0.885 |
| Nbr1 | Ulk1 | 0.885 |
| Aldoa | Naca | 0.885 |
| Tirap | Ticam1 | 0.885 |
| Sf3b2 | Cblb | 0.885 |

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|---------|------------|-------|
| Ubb | Tubb5 | 0.885 |
| Suz12 | E130012A19 | 0.885 |
| Casp8 | Ngfr | 0.885 |
| Mef2a | Creb1 | 0.884 |
| Map2k4 | Skil | 0.884 |
| Lifr | Cntf | 0.884 |
| Zfp513 | Zfp473 | 0.884 |
| Id3 | Cops4 | 0.884 |
| Tcerg1 | Sox15 | 0.884 |
| Gtf2h1 | Eya3 | 0.884 |
| Sfrs3 | Eef1a2 | 0.884 |
| Rab3d | Gnb2l1 | 0.884 |
| Hist2h4 | Olig2 | 0.884 |
| Pura | Cdk2 | 0.884 |
| Ahi1 | Krt73 | 0.884 |
| Tle1 | Phf12 | 0.884 |
| Zfp354a | Ankrd32 | 0.884 |
| Slc11a1 | Keap1 | 0.884 |
| Egr2 | Stat1 | 0.884 |
| Egr2 | Atxn3 | 0.884 |
| Bcl10 | Peli2 | 0.884 |
| Ezh1 | Suz12 | 0.884 |
| Aldoa | Plec | 0.884 |
| Aldoa | Psmc3 | 0.884 |
| Atg16l1 | Rab33b | 0.884 |
| Zfp473 | Hoxd3 | 0.884 |
| Pparg | Git1 | 0.884 |
| Phc3 | Ppp2ca | 0.884 |
| Ubb | Med14 | 0.884 |
| H1f0 | Psme3 | 0.884 |
| Cdk1 | Ccna2 | 0.884 |
| Arhgap1 | Pafah1b1 | 0.884 |
| Ifrd1 | E2f1 | 0.884 |
| Daxx | Sumo1 | 0.884 |
| Itpr3 | Cav1 | 0.884 |
| Nrip1 | Sap18 | 0.884 |
| VeZF1 | Phf12 | 0.884 |
| Bach1 | Prdm16 | 0.883 |
| Mecp2 | Ncor1 | 0.883 |
| PsmA4 | Flnc | 0.883 |
| Sorbs1 | Itn1 | 0.883 |
| Usf1 | Hnf1b | 0.883 |
| Id1 | Map2k1 | 0.883 |
| Id1 | Nkx2-2 | 0.883 |
| Usp2 | Igf1r | 0.883 |
| Hist2h4 | Hist2h2be | 0.883 |

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|---------|-----------|-------|
| Tle1 | Rbl2 | 0.883 |
| Tle1 | Hdac3 | 0.883 |
| Nr1i2 | Nrip1 | 0.883 |
| Egr2 | Fyn | 0.883 |
| Egr2 | Itpr1 | 0.883 |
| Egr2 | Runx2 | 0.883 |
| Eya3 | Polr2i | 0.883 |
| Rbck1 | Eya1 | 0.883 |
| Aldoa | Irf5 | 0.883 |
| Aldoa | Actn1 | 0.883 |
| Pparg | Uimc1 | 0.883 |
| Il17ra | Traf3ip2 | 0.883 |
| Capn2 | Fert2 | 0.883 |
| Capn2 | Blk | 0.883 |
| Syn2 | Hnrnpab | 0.883 |
| Bag1 | Ppp2ca | 0.882 |
| Bag1 | Atxn3 | 0.882 |
| Mapkbp1 | Spag9 | 0.882 |
| Rnh1 | Cct6a | 0.882 |
| Usp2 | Irf5 | 0.882 |
| Usp2 | Zfp110 | 0.882 |
| Lmnb1 | Rab5a | 0.882 |
| Pura | Nrip2 | 0.882 |
| Hnf1a | Irf7 | 0.882 |
| Slc11a1 | Gria3 | 0.882 |
| Pias3 | Srebf1 | 0.882 |
| Mtf1 | Hoxd3 | 0.882 |
| Gnao1 | Gng2 | 0.882 |
| Egr2 | Usp8 | 0.882 |
| Egr2 | Sh3gl2 | 0.882 |
| Ncam1 | Apbb1 | 0.882 |
| Ncam1 | Clu | 0.882 |
| Stam2 | Usp8 | 0.882 |
| Aldoa | Syn1 | 0.882 |
| Nfkbia | Ikbkg | 0.882 |
| Atg16l1 | Gria3 | 0.882 |
| Pparg | Dnmt1 | 0.882 |
| Pparg | Eif2c2 | 0.882 |
| Pparg | Gli3 | 0.882 |
| Pparg | Cebpa | 0.882 |
| Pparg | Mdm4 | 0.882 |
| Mafk | Mll2 | 0.882 |
| Fancd2 | Was | 0.882 |
| Fancd2 | Prkcsh | 0.882 |
| Rela | Ctnnb1 | 0.882 |
| Srf | Hist2h2be | 0.882 |

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|---------|----------|-------|
| Rabl4 | Hspb11 | 0.882 |
| Csnk1e | Arntl | 0.881 |
| Bag1 | Ldha | 0.881 |
| Gtf2a1l | Irf7 | 0.881 |
| Shc1 | Ntrk2 | 0.881 |
| Sorbs1 | Arhgap33 | 0.881 |
| Epc1 | Scmh1 | 0.881 |
| Psmb1 | Nap1l4 | 0.881 |
| Usp2 | Mc4r | 0.881 |
| Usp2 | Sykb | 0.881 |
| Usp2 | Sh3gl2 | 0.881 |
| Lmnb1 | Sf3b1 | 0.881 |
| Gtf2h1 | Hoxb4 | 0.881 |
| Gtf2h1 | Rnf14 | 0.881 |
| Rai14 | Polr1a | 0.881 |
| Hnf1a | Nr2f6 | 0.881 |
| Hnf1a | Neurog2 | 0.881 |
| Nr1i2 | AW146020 | 0.881 |
| Pias3 | Spata24 | 0.881 |
| Wdr61 | Ctr9 | 0.881 |
| Sp7 | Dlx1 | 0.881 |
| Mtf1 | Mafk | 0.881 |
| Mtf1 | Sertad1 | 0.881 |
| Egr2 | Irf5 | 0.881 |
| Egr2 | Tax1bp1 | 0.881 |
| Egr2 | Cebpb | 0.881 |
| Cyld | Irf5 | 0.881 |
| Aldoa | Irf7 | 0.881 |
| Kdm4c | Nr1h4 | 0.881 |
| Ubb | Acta2 | 0.881 |
| Fancd2 | Msx2 | 0.881 |
| Fancd2 | Flt1 | 0.881 |
| Capn2 | Elk1 | 0.881 |
| Capn2 | Pea15a | 0.881 |
| Syn2 | Atp5a1 | 0.881 |
| Syn2 | Ppfia2 | 0.881 |
| Nfe2l2 | Fos | 0.881 |
| Ifrd1 | Gli2 | 0.881 |
| Casp8 | Gli3 | 0.881 |
| Bag1 | Atf3 | 0.88 |
| Bach1 | Ddx5 | 0.88 |
| Bach1 | Runx2 | 0.88 |
| Rnh1 | Ipo9 | 0.88 |
| Atf7ip | Cdk7 | 0.88 |
| Id3 | Krt2 | 0.88 |
| Bbs4 | Fez1 | 0.88 |

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|---------|-----------|-------|
| Hist2h4 | Tle6 | 0.88 |
| Barx2 | Creb1 | 0.88 |
| Rai14 | Ivns1abp | 0.88 |
| Gabrb2 | Usp14 | 0.88 |
| Zfp236 | Tox3 | 0.88 |
| Egr2 | Dlx5 | 0.88 |
| Eya3 | Tbx21 | 0.88 |
| Sf3b2 | Klf10 | 0.88 |
| Med1 | Tbp | 0.88 |
| Pparg | Was | 0.88 |
| Pparg | Aes | 0.88 |
| Pparg | Mycn | 0.88 |
| Ubb | Med16 | 0.88 |
| Ubb | Gsn | 0.88 |
| Tek | Irs2 | 0.88 |
| Fancd2 | Mc4r | 0.88 |
| Fancd2 | Psmc3 | 0.88 |
| Syn2 | Git1 | 0.88 |
| Pcna | Cdk2 | 0.88 |
| Ptma | Jund | 0.88 |
| Tbrg1 | Epas1 | 0.88 |
| Fasn | Sap18 | 0.88 |
| Fasn | Vav1 | 0.88 |
| Nkd2 | Zscan2 | 0.88 |
| Zfp263 | Sp7 | 0.879 |
| Mef2a | Hoxa13 | 0.879 |
| Gtf2a1l | Sp7 | 0.879 |
| Sorbs3 | Kndc1 | 0.879 |
| Clip1 | Pafah1b1 | 0.879 |
| Als2 | Nrcam | 0.879 |
| Rnh1 | Hist1h2ai | 0.879 |
| Id1 | Kat2b | 0.879 |
| Cd2ap | Dnajb6 | 0.879 |
| Gtf2h1 | Hcls1 | 0.879 |
| Taf3 | Hmga2 | 0.879 |
| Traf6 | Ywhaz | 0.879 |
| Pura | Sorbs2 | 0.879 |
| Zfp354a | Lmo3 | 0.879 |
| Otx2 | Hoxb13 | 0.879 |
| Slc11a1 | Gria2 | 0.879 |
| Slc11a1 | Sf3b1 | 0.879 |
| Mll1 | Hist4h4 | 0.879 |
| Otud7b | Ltbr | 0.879 |
| Tmf1 | Cflar | 0.879 |
| Nbr1 | Sh3gl2 | 0.879 |
| Ube2e3 | Cul7 | 0.879 |

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|----------|----------|-------|
| Notch2 | Aph1a | 0.879 |
| Notch2 | Cdh1 | 0.879 |
| Ubb | Tubb2a | 0.879 |
| Robo1 | Slit3 | 0.879 |
| H1f0 | Nr3c1 | 0.879 |
| H1f0 | Atxn2 | 0.879 |
| Dynll1 | Hsp90aa1 | 0.879 |
| Syn2 | Lrrk2 | 0.879 |
| Grb10 | Irs2 | 0.879 |
| Sun1 | Syne2 | 0.879 |
| Ubqln2 | Telo2 | 0.879 |
| Ubqln2 | Psmc5 | 0.879 |
| Hhex | Sox8 | 0.879 |
| Mapk8ip1 | Tab1 | 0.879 |
| Cebpa | Psmc10 | 0.879 |
| Mecp2 | Polr1a | 0.878 |
| Clip1 | Iqgap1 | 0.878 |
| Lifr | Ctf2 | 0.878 |
| Ubtf | Ctcf | 0.878 |
| Irf8 | Cdh1 | 0.878 |
| Id1 | Trps1 | 0.878 |
| Cd2ap | Atm | 0.878 |
| Psmb1 | Hnrnpm | 0.878 |
| Tcerg1 | Phf17 | 0.878 |
| Atp6v1a | Actn1 | 0.878 |
| Rab7 | Sfn | 0.878 |
| Hist2h4 | Dnmt1 | 0.878 |
| Pura | Tgif1 | 0.878 |
| Pura | Psmc10 | 0.878 |
| Max | Ppp1r9b | 0.878 |
| Mtf2 | Ezh1 | 0.878 |
| Dlg3 | Dlg1 | 0.878 |
| Zfp236 | Hoxa1 | 0.878 |
| Ezh1 | Aebp2 | 0.878 |
| Ppard | Pawr | 0.878 |
| Pparg | Rbl2 | 0.878 |
| Pparg | Wdtdc1 | 0.878 |
| Ubb | Try10 | 0.878 |
| Ubb | Krt78 | 0.878 |
| Blnk | Metap2 | 0.878 |
| Lmb1 | Eef1a2 | 0.878 |
| Dvl1 | Musk | 0.877 |
| Zfp263 | Cdx1 | 0.877 |
| Bag1 | Syvn1 | 0.877 |
| Bag1 | Barx2 | 0.877 |
| Bach1 | Cops5 | 0.877 |

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|----------|----------|-------|
| Mef2a | Myocd | 0.877 |
| Psm4 | Psm4 | 0.877 |
| Sorbs3 | Mdk | 0.877 |
| Sorbs1 | Hck | 0.877 |
| Pik3r2 | Gab2 | 0.877 |
| Hist1h1e | Cbx5 | 0.877 |
| Epc1 | Mapkapk2 | 0.877 |
| Rad51 | Olig1 | 0.877 |
| Cited4 | Hoxd3 | 0.877 |
| Rnh1 | Mms19 | 0.877 |
| Id1 | Dot1l | 0.877 |
| Rev1 | Polk | 0.877 |
| Rev1 | Mad2l2 | 0.877 |
| Usp2 | Cflar | 0.877 |
| Usp2 | Tbk1 | 0.877 |
| Tcf4 | Hand2 | 0.877 |
| Hand1 | Tcf12 | 0.877 |
| Rab7 | Gm5414 | 0.877 |
| Atf4 | Fam175b | 0.877 |
| Slc11a1 | Ntrk1 | 0.877 |
| Efs | Clybl | 0.877 |
| Sox2 | Hoxc4 | 0.877 |
| Egr2 | Irak1 | 0.877 |
| Mixl1 | Eya1 | 0.877 |
| Aldoa | Dynll1 | 0.877 |
| Pparg | Thrb | 0.877 |
| Pparg | Pten | 0.877 |
| Pparg | Rhoa | 0.877 |
| Pparg | Uchl1 | 0.877 |
| Pparg | Rer1 | 0.877 |
| Phc3 | H3f3a | 0.877 |
| Ubb | Trim27 | 0.877 |
| H1f0 | H1 | 0.877 |
| H1f0 | Suz12 | 0.877 |
| Syn2 | Arhgap33 | 0.877 |
| Hist3h2a | Lass2 | 0.877 |
| Casp8 | Tbk1 | 0.877 |
| Bad | Gck | 0.876 |
| Bag1 | Foxp1 | 0.876 |
| Bag1 | Fos | 0.876 |
| Bach1 | Gjb6 | 0.876 |
| Syvn1 | Rer1 | 0.876 |
| Map2k6 | Mib2 | 0.876 |
| Als2 | Grin2a | 0.876 |
| Als2 | Actn2 | 0.876 |
| Gppb1 | Kat2b | 0.876 |

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|---------|-----------|-------|
| Cited4 | Gmeb1 | 0.876 |
| Meis2 | Pbx4 | 0.876 |
| Id1 | Tcf4 | 0.876 |
| Usp2 | Junb | 0.876 |
| Sod1 | Cttn | 0.876 |
| Pura | Ccne1 | 0.876 |
| Ahi1 | Krt76 | 0.876 |
| Egr2 | Lyn | 0.876 |
| Egr2 | Gli3 | 0.876 |
| Anapc7 | Crem | 0.876 |
| Tmf1 | Phf20 | 0.876 |
| Aldoa | Krt16 | 0.876 |
| Aldoa | Trim28 | 0.876 |
| Aldoa | Hspa2 | 0.876 |
| Pparg | Skil | 0.876 |
| Pparg | Hgs | 0.876 |
| Irak1 | Reg1 | 0.876 |
| Fancd2 | Hist2h2bb | 0.876 |
| Fancd2 | Gli3 | 0.876 |
| Fancd2 | Rer1 | 0.876 |
| Cdk1 | Ppp1ca | 0.876 |
| Tceb2 | Nrbp1 | 0.876 |
| Gab1 | Csn2 | 0.876 |
| Ksr1 | Mark3 | 0.875 |
| Bag1 | Usp9x | 0.875 |
| Bag1 | Itpr1 | 0.875 |
| Bag1 | Hhex | 0.875 |
| Mef2a | Pex6 | 0.875 |
| Mef2a | Ifrd1 | 0.875 |
| Mecp2 | Mms19 | 0.875 |
| Gtf2a1l | Vax2 | 0.875 |
| Epc1 | Cbx6 | 0.875 |
| Trim26 | Kdm6b | 0.875 |
| Rarg | Nr1h4 | 0.875 |
| Gpbp1 | Cited2 | 0.875 |
| Gpbp1 | Sertad1 | 0.875 |
| Stk38 | Mtf2 | 0.875 |
| Rnh1 | Actn4 | 0.875 |
| Id1 | Tle6 | 0.875 |
| Rac1 | Akap9 | 0.875 |
| Usp2 | Prkcsh | 0.875 |
| Zfp354a | Lmo1 | 0.875 |
| Hnf1a | Tlx1 | 0.875 |
| Pias3 | Pparg | 0.875 |
| Egr2 | Ppp2cb | 0.875 |
| Egr2 | Dlg4 | 0.875 |

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|---------|-------------|-------|
| Eya3 | Pbx2 | 0.875 |
| Sf3b2 | Smarcd3 | 0.875 |
| Pparg | Nf1 | 0.875 |
| Pparg | Psmc3 | 0.875 |
| Pparg | Vdac1 | 0.875 |
| H1f0 | Uchl1 | 0.875 |
| Fancd2 | Ctnn | 0.875 |
| Cdk1 | Ccnb1 | 0.875 |
| Suz12 | Iqgap1 | 0.875 |
| Numb | Ctnna1 | 0.875 |
| Tceb1 | Nrbp1 | 0.875 |
| Cdk4 | Cebpa | 0.875 |
| Gab1 | Fos | 0.875 |
| Mapk7 | Nod2 | 0.875 |
| Foxh1 | Prdm16 | 0.875 |
| Cit | Rac1 | 0.874 |
| Bag1 | Snap25 | 0.874 |
| Bag1 | Hdac6 | 0.874 |
| Bag1 | Ppp1ca | 0.874 |
| Mecp2 | Tle6 | 0.874 |
| Mecp2 | Pdx1 | 0.874 |
| Gtf2a1l | Tsc22d3 | 0.874 |
| Als2 | Gria3 | 0.874 |
| Usf1 | Pitx2 | 0.874 |
| Gpbp1 | Tceb3 | 0.874 |
| Cited4 | Polr1b | 0.874 |
| Rnh1 | 2210010C04l | 0.874 |
| Rnh1 | Lox | 0.874 |
| Id3 | Rsrc1 | 0.874 |
| Cd2ap | Iqgap1 | 0.874 |
| Sod1 | Hsp90aa1 | 0.874 |
| Lmn1 | Sfn | 0.874 |
| Gtf2h1 | Tle6 | 0.874 |
| Traf6 | Stat3 | 0.874 |
| Rab3d | Slc25a3 | 0.874 |
| App | Dlg1 | 0.874 |
| Hnf1a | Asb15 | 0.874 |
| Slc11a1 | Fau | 0.874 |
| Max | Cdkn2a | 0.874 |
| Mtf2 | Srebf1 | 0.874 |
| Egr2 | Reg1 | 0.874 |
| Cenpv | Ldhd | 0.874 |
| Aldoa | Irak1 | 0.874 |
| Smurf1 | Map3k2 | 0.874 |
| Med1 | Runx1t1 | 0.874 |
| Ppard | Nr1i3 | 0.874 |

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| Kdm4c | E2f1 | 0.874 |
| Phc3 | E2f6 | 0.874 |
| Tek | Csf1r | 0.874 |
| Syn2 | Gab2 | 0.874 |
| Foxh1 | Olig1 | 0.874 |
| Fau | Gria3 | 0.874 |
| Ksr1 | Brap | 0.873 |
| Bag1 | Ywhag | 0.873 |
| Mef2a | Sf3b2 | 0.873 |
| Mef2a | Rnf111 | 0.873 |
| Map2k6 | Malt1 | 0.873 |
| Mecp2 | Xpo1 | 0.873 |
| Psm4 | Nap1l4 | 0.873 |
| Epha2 | 2210010C04l | 0.873 |
| Epc1 | Sertad1 | 0.873 |
| Usf1 | Tcf12 | 0.873 |
| Gpbp1 | Gmn | 0.873 |
| Rad51 | Fancd2 | 0.873 |
| Rad51 | Atxn2 | 0.873 |
| Rnh1 | Atp2a2 | 0.873 |
| Id2 | Trim27 | 0.873 |
| Id3 | Tcf4 | 0.873 |
| Irf8 | Flt3 | 0.873 |
| Psmb1 | Lox | 0.873 |
| Psmb1 | Tfrc | 0.873 |
| Usp2 | Stam2 | 0.873 |
| Gtf2h1 | Med21 | 0.873 |
| Gtf2h1 | Pbx4 | 0.873 |
| Gtf2h1 | AW146020 | 0.873 |
| Tcf12 | Cops6 | 0.873 |
| Tcf12 | Hist3h2a | 0.873 |
| Pias3 | Gtf2b | 0.873 |
| Inadl | Grin2c | 0.873 |
| Mapt | Egr2 | 0.873 |
| Mtf1 | Hoxa2 | 0.873 |
| Mtf2 | Bclaf1 | 0.873 |
| Egr2 | Rhoa | 0.873 |
| Egr2 | Mycn | 0.873 |
| Tmf1 | Myog | 0.873 |
| Eya3 | Cnot8 | 0.873 |
| Nbr1 | Flt3 | 0.873 |
| Cyld | Casp8 | 0.873 |
| Aldoa | Hgs | 0.873 |
| Aldoa | Hspa9 | 0.873 |
| Tirap | Ptk2b | 0.873 |
| Ncoa6 | Hist3h2a | 0.873 |

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| Ncoa6 | Sf3b1 | 0.873 |
| Mapk1 | Ctnn | 0.873 |
| Sf3b4 | 2500003M1C | 0.873 |
| Srf | Tbl1x | 0.873 |
| Ptrf | Eif3e | 0.873 |
| Il6st | Cntf | 0.873 |
| Fasn | Gab2 | 0.873 |
| Bag1 | Eif2c2 | 0.872 |
| Syvn1 | Aph1b | 0.872 |
| Mef2a | Bahd1 | 0.872 |
| Map2k6 | Tmem115 | 0.872 |
| Mecp2 | Kat5 | 0.872 |
| Sorbs3 | Rabgef1 | 0.872 |
| Usf1 | Notch1 | 0.872 |
| Rnh1 | Pkd1 | 0.872 |
| Rnh1 | Nphp3 | 0.872 |
| Rnh1 | Ankhd1 | 0.872 |
| Id3 | Tcf12 | 0.872 |
| Sod1 | Keap1 | 0.872 |
| Gtf2h1 | Hif1an | 0.872 |
| Gtf2h1 | Foxn2 | 0.872 |
| Gtf2h1 | Mms19 | 0.872 |
| Gtf2h1 | Supt4h1 | 0.872 |
| Gtf2h1 | Zfp277 | 0.872 |
| Gtf2h1 | Asb1 | 0.872 |
| Cdk5 | Cdk2 | 0.872 |
| Wbp11 | Eif2a | 0.872 |
| Hist2h4 | Hdac3 | 0.872 |
| Pura | Grip1 | 0.872 |
| Zfp354a | Srf | 0.872 |
| Pias3 | Ube2i | 0.872 |
| Pias3 | Hdac6 | 0.872 |
| Mapt | Myh3 | 0.872 |
| Mapt | Rnf19a | 0.872 |
| Egr2 | Birc3 | 0.872 |
| Egr2 | Nfkb1 | 0.872 |
| Egr2 | Rer1 | 0.872 |
| Egr2 | Hras1 | 0.872 |
| Tmf1 | Tnk2 | 0.872 |
| Nbr1 | Cdh1 | 0.872 |
| Pparg | Cdk7 | 0.872 |
| Ncoa6 | Phc2 | 0.872 |
| Fancd2 | Ulk1 | 0.872 |
| Ptpn6 | Tcrb | 0.872 |
| Hist3h2a | Hdac10 | 0.872 |
| Casp8 | Junb | 0.872 |

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|----------|----------|-------|
| Fbxw8 | Rbx1 | 0.871 |
| Bad | Prkaca | 0.871 |
| Bag1 | Park2 | 0.871 |
| Map2k4 | Map2k1 | 0.871 |
| Psm4 | Hnrnp1 | 0.871 |
| Sorbs3 | Brp | 0.871 |
| Sorbs1 | Grb10 | 0.871 |
| Usf1 | Ubtf | 0.871 |
| Cited4 | Cebp | 0.871 |
| Vps16 | Vps45 | 0.871 |
| Irf8 | Ctn | 0.871 |
| Ss18 | Atf2 | 0.871 |
| Psm7 | Zfand2a | 0.871 |
| Lmnb1 | Serbp1 | 0.871 |
| Itgb1bp2 | Chordc1 | 0.871 |
| Mtf2 | Eil | 0.871 |
| Egr2 | Stat3 | 0.871 |
| Egr2 | Cacna1c | 0.871 |
| Egr2 | Myd88 | 0.871 |
| Pcgf1 | Hist3h2a | 0.871 |
| Eya3 | Med31 | 0.871 |
| Nbr1 | Ntrk1 | 0.871 |
| Aldoa | Eif2c2 | 0.871 |
| Tcp1 | Calm1 | 0.871 |
| Pparg | Satb2 | 0.871 |
| Ubb | Fbxo2 | 0.871 |
| Kif5a | Kif5b | 0.871 |
| Fancd2 | Eif2c2 | 0.871 |
| Foxp1 | Phf2 | 0.871 |
| Suz12 | Ldha | 0.871 |
| Ifrd1 | Cebpb | 0.871 |
| Ifrd1 | Runx2 | 0.871 |
| Zfp277 | Rnf14 | 0.871 |
| Mapk7 | Pgr | 0.871 |
| Tbp | Taf1b | 0.871 |
| VeZF1 | Hist3 | 0.871 |
| Csnk1e | Per1 | 0.87 |
| Bag1 | Stub1 | 0.87 |
| Bag1 | Ppp3ca | 0.87 |
| Bach1 | Pex6 | 0.87 |
| Syvn1 | Ppp1ca | 0.87 |
| Mef2a | Lef1 | 0.87 |
| Psm4 | Krt78 | 0.87 |
| Shc1 | Flt1 | 0.87 |
| Epc1 | Phc3 | 0.87 |
| Gppb1 | Pias1 | 0.87 |

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|----------|----------|-------|
| Rad51 | Map2k7 | 0.87 |
| Cited4 | Rbl2 | 0.87 |
| Cited4 | Ell | 0.87 |
| Arhgef2 | Ppp1r9b | 0.87 |
| Per1 | Clock | 0.87 |
| Cd2ap | Psme3 | 0.87 |
| Psmb1 | Glud1 | 0.87 |
| Sod1 | Ntrk2 | 0.87 |
| Lmo2 | Lmo1 | 0.87 |
| Gtf2h1 | Ciita | 0.87 |
| Gtf2h1 | Atf7 | 0.87 |
| Tcfap2a | Cited2 | 0.87 |
| Zfp354a | Lhx2 | 0.87 |
| Bcl6 | Rxra | 0.87 |
| Esr1 | Rela | 0.87 |
| Dlg3 | Ppp1cc | 0.87 |
| Egr2 | Hgs | 0.87 |
| Egr2 | Tardbp | 0.87 |
| Egr2 | Dlg1 | 0.87 |
| Egr2 | Fos | 0.87 |
| Tmf1 | Zfp110 | 0.87 |
| Eya3 | Nr3c1 | 0.87 |
| Nbr1 | Irf5 | 0.87 |
| Nbr1 | Fam175b | 0.87 |
| Prkca | Ubqln2 | 0.87 |
| Siah2 | Thrb | 0.87 |
| Siah2 | Spry2 | 0.87 |
| Hsf1 | Irf3 | 0.87 |
| Aldoa | Usp8 | 0.87 |
| Leo1 | Ctr9 | 0.87 |
| Atg16l1 | Fau | 0.87 |
| Sf3b2 | Runx2 | 0.87 |
| Notch2 | Dll1 | 0.87 |
| Pparg | Hsp90aa1 | 0.87 |
| Pparg | Arid1b | 0.87 |
| Ubb | Pi4ka | 0.87 |
| Ubb | Myo5a | 0.87 |
| Polr1e | Ctcf | 0.87 |
| Fancd2 | Ctcf | 0.87 |
| Syn2 | Tubb2a | 0.87 |
| Gtf3c1 | Foxh1 | 0.87 |
| Suz12 | Psmc2 | 0.87 |
| Hist3h2a | Myb | 0.87 |
| Ubqln2 | Ldha | 0.87 |
| Casp8 | Rer1 | 0.87 |
| Bag1 | Rad9 | 0.869 |

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|---------|----------|-------|
| Map2k6 | Spag9 | 0.869 |
| Map2k6 | Tab1 | 0.869 |
| Mecp2 | Pparg | 0.869 |
| Sorbs1 | Snx9 | 0.869 |
| Als2 | Lrp1 | 0.869 |
| Epha2 | Krt79 | 0.869 |
| Rad51 | Sap18 | 0.869 |
| Cited4 | Hoxa1 | 0.869 |
| Cited4 | Zfp592 | 0.869 |
| Ncstn | Aph1a | 0.869 |
| Dcx | Usp9x | 0.869 |
| Rnh1 | Tubb2a | 0.869 |
| Per2 | Mll1 | 0.869 |
| Id3 | Trim27 | 0.869 |
| Ssbp2 | Lmo3 | 0.869 |
| Gtf2h1 | Rbl1 | 0.869 |
| Sfrs3 | Lmb1 | 0.869 |
| Apba1 | Ppfia2 | 0.869 |
| Gata4 | Gata6 | 0.869 |
| Traf6 | Trp53 | 0.869 |
| Rps6kb1 | Mlst8 | 0.869 |
| Pura | Thoc4 | 0.869 |
| Pura | Nrip1 | 0.869 |
| Pura | Cdk7 | 0.869 |
| Wdr61 | Leo1 | 0.869 |
| Psen2 | Notch3 | 0.869 |
| Krt8 | Hsp90aa1 | 0.869 |
| Zfp236 | Sertad1 | 0.869 |
| Wasf1 | Gck | 0.869 |
| Egr2 | Dnmt1 | 0.869 |
| Eya3 | Stat5b | 0.869 |
| Aldoa | Snap25 | 0.869 |
| Aldoa | Krt78 | 0.869 |
| Notch2 | Grin2a | 0.869 |
| Pparg | Jak2 | 0.869 |
| Pparg | Cdh1 | 0.869 |
| Ncoa6 | Scmh1 | 0.869 |
| Ubb | Taf15 | 0.869 |
| Kif5b | Kcnc1 | 0.869 |
| H1f0 | Ppp1cc | 0.869 |
| Dynll1 | Actn1 | 0.869 |
| Syn2 | Rims2 | 0.869 |
| Ube2d1 | Dll1 | 0.869 |
| Casp8 | Prkcsh | 0.869 |
| Nrip1 | Sirt2 | 0.869 |
| Bag1 | Sfpi1 | 0.868 |

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| Map2k6 | Mapk8ip1 | 0.868 |
| Mecp2 | Atrx | 0.868 |
| Gtf2a1l | Tlx1 | 0.868 |
| Sorbs1 | Nck1 | 0.868 |
| Als2 | Kat2b | 0.868 |
| Rarg | Atf2 | 0.868 |
| Usf1 | Atf2 | 0.868 |
| Gpbp1 | Clock | 0.868 |
| Rnh1 | Cryab | 0.868 |
| Id2 | Atm | 0.868 |
| Id1 | Foxn2 | 0.868 |
| Pygo1 | Lhx9 | 0.868 |
| Usp2 | Ndfip1 | 0.868 |
| Lmnb1 | Dnmt1 | 0.868 |
| Lmnb1 | Ttn | 0.868 |
| Crkl | Inpp5d | 0.868 |
| Rab3d | Dnajb1 | 0.868 |
| Pura | Gab2 | 0.868 |
| Rai14 | Lhx9 | 0.868 |
| Hnf1a | Spdef | 0.868 |
| Nr1i2 | Ptpn6 | 0.868 |
| Slc11a1 | Ubb | 0.868 |
| Ar | Kdm4c | 0.868 |
| Dnajb6 | Bahd1 | 0.868 |
| Egr2 | Flt3 | 0.868 |
| Tirap | Csf1r | 0.868 |
| Pparg | Itga5 | 0.868 |
| Pparg | Dlg4 | 0.868 |
| Kdm4c | Tbx21 | 0.868 |
| Il1r1 | Il1rap | 0.868 |
| Irak1 | Myd88 | 0.868 |
| Fancd2 | Pten | 0.868 |
| Fancd2 | Casp8 | 0.868 |
| Fancd2 | Notch1 | 0.868 |
| Hist3h2a | Sh3gl1 | 0.868 |
| Tbrg1 | Sobp | 0.868 |
| Bag1 | Mllt3 | 0.867 |
| Bach1 | Ercc3 | 0.867 |
| Syvn1 | Psen2 | 0.867 |
| Syvn1 | Aph1a | 0.867 |
| Gpbp1 | Zbtb17 | 0.867 |
| Gpbp1 | Myb | 0.867 |
| Cited4 | Pcmt1 | 0.867 |
| Rnh1 | Rsrc1 | 0.867 |
| Id3 | Shank3 | 0.867 |
| Irf8 | Mdm4 | 0.867 |

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| Cd2ap | Msl1 | 0.867 |
| Map2k1 | Brap | 0.867 |
| Gtf2h1 | Pdim4 | 0.867 |
| Traf3 | Otud7b | 0.867 |
| Rab6 | Rab5a | 0.867 |
| Hist2h4 | Polr1a | 0.867 |
| Tle1 | Pdx1 | 0.867 |
| Nrg1 | Brm1 | 0.867 |
| Zfp354a | Hif1an | 0.867 |
| Nr1i2 | Foxh1 | 0.867 |
| Keap1 | Zbtb16 | 0.867 |
| Esr1 | Stat3 | 0.867 |
| Max | Ccnb1 | 0.867 |
| Zfp236 | Ncor2 | 0.867 |
| Egr1 | Pin1 | 0.867 |
| Egr2 | Uchl1 | 0.867 |
| Ube2l3 | Rnf31 | 0.867 |
| Hbb-b1 | Csf2rb | 0.867 |
| Aldoa | Lox | 0.867 |
| Sf3b2 | Bmpr2 | 0.867 |
| Srf | Tfdp1 | 0.867 |
| Ifrd1 | Phf12 | 0.867 |
| Ubqln2 | Eif3e | 0.867 |
| Ube2d1 | Ube2g2 | 0.867 |
| Mecp2 | Hist3h2a | 0.866 |
| Mecp2 | Ctcf | 0.866 |
| Shc1 | Gab2 | 0.866 |
| Epc1 | Pcgf2 | 0.866 |
| Gpbp1 | Hoxa9 | 0.866 |
| Rnh1 | Acta2 | 0.866 |
| Id2 | Hmga1 | 0.866 |
| Id3 | Irf7 | 0.866 |
| Ankrd1 | Capn3 | 0.866 |
| Sod1 | Pkm2 | 0.866 |
| Gtf2h1 | Otx2 | 0.866 |
| Gtf2h1 | Mafk | 0.866 |
| Tcf4 | Ascl3 | 0.866 |
| Lbxcor1 | Zbtb16 | 0.866 |
| Rab7 | Ube2i | 0.866 |
| Zfp369 | Ngfr | 0.866 |
| Pura | Ccnb1 | 0.866 |
| Rai14 | Rfx4 | 0.866 |
| Max | Hes6 | 0.866 |
| Egr2 | Snap25 | 0.866 |
| Mixl1 | Hoxd3 | 0.866 |
| Nbr1 | Dlg1 | 0.866 |

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| Trib2 | Rbl1 | 0.866 |
| Akr1b3 | S100a4 | 0.866 |
| Tirap | Vav1 | 0.866 |
| Pparg | Myd88 | 0.866 |
| Pparg | Tax1bp1 | 0.866 |
| Pparg | Hras1 | 0.866 |
| Pparg | Lass2 | 0.866 |
| Kdm4c | Lhx2 | 0.866 |
| Fancd2 | Hdac6 | 0.866 |
| Fancd2 | Mycn | 0.866 |
| Dynll1 | Plec | 0.866 |
| Cdx4 | Dlx1 | 0.866 |
| Inpp1 | Ppp2r3a | 0.866 |
| Suz12 | Eif2c2 | 0.866 |
| Suz12 | Ell | 0.866 |
| Cask | Dlg1 | 0.866 |
| Mef2a | Prdm16 | 0.865 |
| Mecp2 | Myod1 | 0.865 |
| Tnf | Tnfrsf1a | 0.865 |
| Tnfaip3 | Ube2n | 0.865 |
| Gtf2a1l | Hnf4g | 0.865 |
| Shc1 | Vav1 | 0.865 |
| Sorbs1 | Sla | 0.865 |
| Sorbs1 | Ticam1 | 0.865 |
| Rarg | Kat2a | 0.865 |
| Usf1 | Kat2b | 0.865 |
| Cited4 | Maml1 | 0.865 |
| Rnh1 | Krt14 | 0.865 |
| Sgca | Cryab | 0.865 |
| Actbl2 | Prss1 | 0.865 |
| Per1 | Arntl | 0.865 |
| Id3 | Tlx1 | 0.865 |
| Irf8 | Mdm2 | 0.865 |
| Id1 | Sirt2 | 0.865 |
| Cd2ap | Gtf2b | 0.865 |
| Rac1 | Eif2c2 | 0.865 |
| Usp2 | Smn1 | 0.865 |
| Sod1 | Sykb | 0.865 |
| Sod1 | Tbk1 | 0.865 |
| Lmnbl | Zbtb16 | 0.865 |
| Lmnbl | Sun1 | 0.865 |
| Sirt1 | Jun | 0.865 |
| Hist2h4 | Taf15 | 0.865 |
| Hist2h4 | Brca1 | 0.865 |
| Atf4 | Jun | 0.865 |
| Slc11a1 | Gria1 | 0.865 |

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|----------|----------|-------|
| Slc11a1 | Casp8 | 0.865 |
| Grip1 | Nrip1 | 0.865 |
| Bcl6 | Zfp111 | 0.865 |
| Sox2 | Jun | 0.865 |
| Mapt | Hdac6 | 0.865 |
| Egr1 | Sox9 | 0.865 |
| Mixl1 | Gtf3c1 | 0.865 |
| Mixl1 | Runx1t1 | 0.865 |
| Tmf1 | Ntrk1 | 0.865 |
| Nbr1 | Ngfr | 0.865 |
| Tbpl1 | Spata24 | 0.865 |
| Cenpv | Mllt1 | 0.865 |
| Tlx1 | Meis1 | 0.865 |
| Hbb-b1 | Dnajb1 | 0.865 |
| Cyld | Ikbkg | 0.865 |
| Aldoa | Cycs | 0.865 |
| Pparg | Mdm2 | 0.865 |
| Phc3 | Zbtb33 | 0.865 |
| Ubb | Ccar1 | 0.865 |
| Ubb | Hsp90aa1 | 0.865 |
| Fancd2 | Mdm4 | 0.865 |
| Syn2 | Actr1a | 0.865 |
| Syn2 | Pfn1 | 0.865 |
| Gtf3c1 | Dlx2 | 0.865 |
| Hist3h2a | Gtf2b | 0.865 |
| Hist3h2a | Sertad1 | 0.865 |
| Hist3h2a | Sfn | 0.865 |
| Ifrd1 | Hdac5 | 0.865 |
| Ubqln2 | Psmc3 | 0.865 |
| Fas | Uimc1 | 0.865 |
| Fas | Ube3a | 0.865 |
| Bach1 | Gata4 | 0.864 |
| Map2k6 | Map2k4 | 0.864 |
| Gtf2a1l | Dlx1 | 0.864 |
| Psm4 | Naglu | 0.864 |
| Psm4 | Krt77 | 0.864 |
| Shc1 | Dok3 | 0.864 |
| Gabra1 | Gabrb2 | 0.864 |
| Uhrf1 | Eme1 | 0.864 |
| Epc1 | Cbx7 | 0.864 |
| Cited4 | Zbtb9 | 0.864 |
| Rnh1 | Cand2 | 0.864 |
| Rnh1 | Trim28 | 0.864 |
| Rnh1 | Eef1a1 | 0.864 |
| Id3 | Krt73 | 0.864 |
| Irf8 | Gli2 | 0.864 |

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| Psm4 | Mitf | 0.864 |
| Mafk | Taf5 | 0.864 |
| Sod1 | Sh3gl2 | 0.864 |
| Irf1 | 1500035H01 | 0.864 |
| Sirt1 | Rela | 0.864 |
| Rab3d | Ldha | 0.864 |
| Hist2h4 | Prpf31 | 0.864 |
| Pura | Fbxo4 | 0.864 |
| Skp1a | Skp2 | 0.864 |
| Slc11a1 | Cbx7 | 0.864 |
| Ccnd3 | Cdk4 | 0.864 |
| Adcy3 | Flot1 | 0.864 |
| Mapt | Smn1 | 0.864 |
| Egr2 | Cdkn1a | 0.864 |
| Egr2 | Ulk1 | 0.864 |
| Mixl1 | Foxh1 | 0.864 |
| Tmf1 | Fam175b | 0.864 |
| Nbr1 | Runx2 | 0.864 |
| Nbr1 | Ddx41 | 0.864 |
| Prkca | Prkcc | 0.864 |
| Aldoa | Krt42 | 0.864 |
| Neurog2 | Olig2 | 0.864 |
| Ppard | Ppara | 0.864 |
| Pparg | Ccar1 | 0.864 |
| Pparg | Rela | 0.864 |
| Pparg | Dlg1 | 0.864 |
| Kdm4c | Pdlim4 | 0.864 |
| Syn2 | Capza1 | 0.864 |
| Nr1i3 | Ppp2ca | 0.864 |
| Ppp1cc | Cdkn2a | 0.864 |
| Ubqln2 | Hspa9 | 0.864 |
| Csnk1e | Apc | 0.863 |
| Mapkbp1 | Dusp2 | 0.863 |
| Mecp2 | Trps1 | 0.863 |
| Mecp2 | Kat2b | 0.863 |
| Gtf2a1l | Nr3c1 | 0.863 |
| Shc1 | Cebpb | 0.863 |
| Sorbs1 | Gata4 | 0.863 |
| Col5a1 | Smad2 | 0.863 |
| Cited4 | Hnf1b | 0.863 |
| Rnh1 | Kpnb1 | 0.863 |
| Id3 | Cops8 | 0.863 |
| Id1 | Cops4 | 0.863 |
| Id1 | Jun | 0.863 |
| Gtf2h1 | Nkx2-2 | 0.863 |
| Gtf2h1 | Sirt2 | 0.863 |

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| Fadd | Ripk1 | 0.863 |
| Traf2 | Ube2n | 0.863 |
| Pura | Fzr1 | 0.863 |
| Nr1i2 | Ppard | 0.863 |
| Nr1i2 | Mef2c | 0.863 |
| Slc11a1 | Ulk1 | 0.863 |
| Pias3 | Fem1a | 0.863 |
| Pias3 | Naca | 0.863 |
| Esr1 | Arid1b | 0.863 |
| Tlr4 | Irak1 | 0.863 |
| Efr3b | Pi4ka | 0.863 |
| Mtf1 | Zfp236 | 0.863 |
| Egr2 | Vim | 0.863 |
| Mixl1 | Dlx1 | 0.863 |
| Tmf1 | Reg1 | 0.863 |
| Cyld | Junb | 0.863 |
| Aldoa | Hnrnp2 | 0.863 |
| Pparg | Map3k2 | 0.863 |
| Ncoa6 | Tfdp1 | 0.863 |
| H1f0 | Gtf3c1 | 0.863 |
| Chordc1 | Hsp90aa1 | 0.863 |
| H1 | Ccna1 | 0.863 |
| Hba-a1 | Atp5d | 0.863 |
| Srf | Fos | 0.863 |
| Suz12 | Dnajb1 | 0.863 |
| Hist3h2a | Zfp592 | 0.863 |
| Zfp277 | Zscan2 | 0.863 |
| Tbrg1 | Uqcrc1 | 0.863 |
| Map2k6 | Birc2 | 0.862 |
| Mecp2 | Smarca1 | 0.862 |
| Mecp2 | Hist4h4 | 0.862 |
| Als2 | Gria2 | 0.862 |
| Krt10 | 2210010C04 | 0.862 |
| Cited4 | Stk38 | 0.862 |
| Cited4 | Nr1h4 | 0.862 |
| Rnh1 | Dynll1 | 0.862 |
| Cd2ap | Flt1 | 0.862 |
| Rac1 | Ppp5c | 0.862 |
| Phb2 | Sfrs3 | 0.862 |
| Eif3b | Cfl1 | 0.862 |
| Sod1 | Polk | 0.862 |
| Sod1 | Atp5a1 | 0.862 |
| Gtf2h1 | Cnot8 | 0.862 |
| Gtf2h1 | H3f3a | 0.862 |
| Gata4 | Smad2 | 0.862 |
| Pura | Git1 | 0.862 |

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| Ring1 | Phc2 | 0.862 |
| Tle1 | Setx | 0.862 |
| Tcf12 | Trim27 | 0.862 |
| Pias3 | Pax6 | 0.862 |
| Ccnd1 | Fbxo4 | 0.862 |
| Ctnnd1 | Cdh1 | 0.862 |
| Rnf19a | Pias1 | 0.862 |
| Egr2 | Tmf1 | 0.862 |
| Egr2 | Nbr1 | 0.862 |
| Egr2 | Cblb | 0.862 |
| Egr2 | Jun | 0.862 |
| Cenpv | Dnajb1 | 0.862 |
| Aldoa | Eef1a1 | 0.862 |
| Aldoa | Tubb5 | 0.862 |
| Tirap | Tceb1 | 0.862 |
| Pparg | Itpr3 | 0.862 |
| Pparg | Casp8 | 0.862 |
| Pparg | Sox8 | 0.862 |
| Pparg | Nos2 | 0.862 |
| Pparg | Gli2 | 0.862 |
| Fancd2 | Bcr | 0.862 |
| Dynll1 | Eef1a1 | 0.862 |
| Cops6 | Cops4 | 0.862 |
| Hba-a1 | Hspa9 | 0.862 |
| Casp8 | Sh3gl2 | 0.862 |
| Nrip1 | Vdr | 0.862 |
| Notch1 | Smarcd3 | 0.862 |
| Bag1 | Mafb | 0.861 |
| Mef2a | Gata4 | 0.861 |
| Tnf | Ripk1 | 0.861 |
| Gtf2a1l | Kdm4b | 0.861 |
| Sorbs1 | Sh3kbp1 | 0.861 |
| Sorbs1 | Zap70 | 0.861 |
| Sorbs1 | Inpp1 | 0.861 |
| Gabra1 | Ppp3ca | 0.861 |
| Epc1 | Ncoa1 | 0.861 |
| Epc1 | Kat2a | 0.861 |
| Epc1 | Myod1 | 0.861 |
| Bcl11b | Suz12 | 0.861 |
| Irf8 | Tax1bp1 | 0.861 |
| Usp2 | Ntrk2 | 0.861 |
| Six3 | Eya1 | 0.861 |
| Nkx2-5 | Hand2 | 0.861 |
| Nod1 | Chordc1 | 0.861 |
| Traf6 | Myd88 | 0.861 |
| Rab5b | Dvl3 | 0.861 |

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| Pura | Cdk4 | 0.861 |
| Pura | Cebpa | 0.861 |
| Ascl1 | Tcf12 | 0.861 |
| Pias3 | Nfkbia | 0.861 |
| Egr1 | Bahd1 | 0.861 |
| Egr2 | Smad2 | 0.861 |
| Egr2 | Mdm4 | 0.861 |
| Atg5 | Rab33b | 0.861 |
| Nbr1 | Ntrk2 | 0.861 |
| Nbr1 | Reg1 | 0.861 |
| Prkca | Mcl1 | 0.861 |
| Akr1b3 | Eprs | 0.861 |
| Med1 | Smarcd3 | 0.861 |
| Pparg | Ctnn | 0.861 |
| Ubb | Hnrnpf | 0.861 |
| Ubb | Sfn | 0.861 |
| Ubb | Plec | 0.861 |
| H1f0 | Pcna | 0.861 |
| H1f0 | Vav1 | 0.861 |
| Fancd2 | Uimc1 | 0.861 |
| Dynll1 | Krt76 | 0.861 |
| H1 | Cdk1 | 0.861 |
| Map3k5 | Rassf1 | 0.861 |
| Itpr1 | Ufd1l | 0.861 |
| Gtf3c1 | Atxn2 | 0.861 |
| Suz12 | Atxn2 | 0.861 |
| Hist3h2a | Psme3 | 0.861 |
| Hdac3 | Ncor1 | 0.861 |
| Casp3 | Slc1a2 | 0.861 |
| Fbxw8 | Cul7 | 0.86 |
| Ksr1 | Map2k1 | 0.86 |
| Bag1 | Kcnb1 | 0.86 |
| Bach1 | Klf10 | 0.86 |
| Map2k4 | Sash1 | 0.86 |
| Map2k4 | Traf3ip2 | 0.86 |
| Mecp2 | Nkd2 | 0.86 |
| Gtf2a1l | Vdr | 0.86 |
| Psma4 | Actn4 | 0.86 |
| Shc1 | Itch | 0.86 |
| Shc1 | Csf1r | 0.86 |
| Usf1 | Myod1 | 0.86 |
| Rad51 | H2afx | 0.86 |
| Irf9 | Pou2f1 | 0.86 |
| Id3 | Dsg1a | 0.86 |
| Id1 | Hif1a | 0.86 |
| Cd2ap | Erbp2 | 0.86 |

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| Cd2ap | Inpp5d | 0.86 |
| Raf1 | Akap9 | 0.86 |
| Rac1 | Actn2 | 0.86 |
| Sod1 | Hspa5 | 0.86 |
| Traf6 | Irf5 | 0.86 |
| Pura | Ccnd2 | 0.86 |
| Pura | Fus | 0.86 |
| Nr1i2 | Polr3f | 0.86 |
| Ywhag | Lrrk2 | 0.86 |
| Egfr | Ptpn11 | 0.86 |
| Esr1 | Pax3 | 0.86 |
| Mtf2 | Rpl28 | 0.86 |
| Ncoa2 | Mef2c | 0.86 |
| Egr2 | Ntrk2 | 0.86 |
| Egr2 | Hdac5 | 0.86 |
| Tmf1 | Fancd2 | 0.86 |
| Magi2 | Pex6 | 0.86 |
| Nbr1 | Sykb | 0.86 |
| Ncam1 | Dnm1 | 0.86 |
| Stam2 | Hgs | 0.86 |
| Pparg | Spry2 | 0.86 |
| Pparg | Ppp2cb | 0.86 |
| Pparg | Notch1 | 0.86 |
| Ppargc1a | Ncor1 | 0.86 |
| Ubb | Hspa2 | 0.86 |
| Fancd2 | Atxn3 | 0.86 |
| Eef1a1 | Hsp90aa1 | 0.86 |
| Blnk | Vrk3 | 0.86 |
| Brca1 | Nbn | 0.86 |
| Cask | Sh3gl2 | 0.86 |
| Fas | Mdm2 | 0.86 |
| Foxh1 | Vdr | 0.86 |
| Sf1 | Pitx1 | 0.859 |
| Bad | Sox9 | 0.859 |
| Bach1 | Smad5 | 0.859 |
| Mef2a | Itch | 0.859 |
| Mef2a | Ddx5 | 0.859 |
| Map2k6 | Stk39 | 0.859 |
| Map2k6 | Tnip3 | 0.859 |
| Map2k6 | Traf3ip2 | 0.859 |
| Spna2 | Ywhab | 0.859 |
| Gtf2a1l | Pknox2 | 0.859 |
| Psm4 | Actn1 | 0.859 |
| Sorbs3 | Rfxank | 0.859 |
| Epc1 | Tcf12 | 0.859 |
| Rad51 | Psme3 | 0.859 |

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| Actbl2 | Hnrnpa2b1 | 0.859 |
| Cry1 | Arntl | 0.859 |
| Id2 | Hmga2 | 0.859 |
| Id2 | Myod1 | 0.859 |
| Id2 | Rnf14 | 0.859 |
| Id3 | Actc1 | 0.859 |
| Id1 | Gps1 | 0.859 |
| Col3a1 | Smad4 | 0.859 |
| Psmb5 | Ngfr | 0.859 |
| Psmb1 | Atp2a2 | 0.859 |
| Usp2 | Was | 0.859 |
| Usp2 | Pten | 0.859 |
| Usp2 | Eif2c2 | 0.859 |
| Sod1 | Eif2a | 0.859 |
| Lmo2 | Lhx5 | 0.859 |
| Lmo2 | Lhx4 | 0.859 |
| Gtf2h1 | Kat2b | 0.859 |
| Gtf2h1 | Hif1a | 0.859 |
| Atp6v1a | Actn4 | 0.859 |
| Gata4 | Smarcd3 | 0.859 |
| Ssbp3 | Med16 | 0.859 |
| Rab3d | Tollip | 0.859 |
| Pura | Kat2a | 0.859 |
| Hnf1a | Zdhhc13 | 0.859 |
| Pias3 | Hsf1 | 0.859 |
| Mtf2 | Trim35 | 0.859 |
| Ncoa3 | Sap18 | 0.859 |
| Lbr | Hist4h4 | 0.859 |
| Tmf1 | Skil | 0.859 |
| Nbr1 | Ski | 0.859 |
| Hbb-b1 | Fbln2 | 0.859 |
| Ppargc1a | Fos | 0.859 |
| Ncoa6 | E2f6 | 0.859 |
| Ubb | Mysm1 | 0.859 |
| Dynll1 | Gcn1l1 | 0.859 |
| Syn2 | Aph1a | 0.859 |
| Fyn | Csf1r | 0.859 |
| Eef1a1 | Capzb | 0.859 |
| Rbpj | Smarcd3 | 0.859 |
| Gria2 | Gria3 | 0.859 |
| Sumo1 | Mdm2 | 0.859 |
| Bag1 | Dnajb1 | 0.858 |
| Map2k6 | Mapkapk2 | 0.858 |
| Map2k4 | Tnip3 | 0.858 |
| Mecp2 | Msx2 | 0.858 |
| Mecp2 | Cebpa | 0.858 |

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| Bcl2l11 | Bcl2 | 0.858 |
| Psm4 | Eprs | 0.858 |
| Als2 | Accn1 | 0.858 |
| Rarg | Kat2b | 0.858 |
| Cited4 | Tox3 | 0.858 |
| Cited4 | Rfxank | 0.858 |
| Sgca | Ahnak | 0.858 |
| Cry1 | Clock | 0.858 |
| Per2 | Arntl | 0.858 |
| Per2 | Clock | 0.858 |
| Id3 | Krt14 | 0.858 |
| Id1 | Sox8 | 0.858 |
| Cd2ap | Atr | 0.858 |
| Homer2 | Grm5 | 0.858 |
| Psm1 | Dnaja3 | 0.858 |
| Usp2 | Polk | 0.858 |
| Sod1 | Fancd2 | 0.858 |
| Gtf2h1 | E4f1 | 0.858 |
| Rab5b | Srebf2 | 0.858 |
| Zfp369 | Sertad1 | 0.858 |
| Hist2h4 | Stub1 | 0.858 |
| Hist2h4 | Zzz3 | 0.858 |
| Tle1 | Taz | 0.858 |
| Atf4 | Egln3 | 0.858 |
| Nr1i2 | Cebpd | 0.858 |
| Adrbk1 | Gng2 | 0.858 |
| Mapt | Lbr | 0.858 |
| Zfp236 | Hoxa2 | 0.858 |
| Ctf2 | Il6st | 0.858 |
| Mixl1 | Ifnar2 | 0.858 |
| Tmf1 | Pou6f1 | 0.858 |
| Aldoa | Vdac1 | 0.858 |
| Aldoa | Prkcsh | 0.858 |
| Akr1b3 | Prdm16 | 0.858 |
| Tirap | Il1r1 | 0.858 |
| Cbx2 | Phc3 | 0.858 |
| Pparg | Lyn | 0.858 |
| Pparg | Foxo3 | 0.858 |
| Ncoa6 | Bcor | 0.858 |
| Kdm4c | Arid1b | 0.858 |
| Ski | Gli3 | 0.858 |
| Dbnl | Plec | 0.858 |
| Dynll1 | Eef2 | 0.858 |
| Dynll1 | Atp5a1 | 0.858 |
| Gria1 | Lrp1 | 0.858 |
| Suz12 | Jarid2 | 0.858 |

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| Nup62 | Nxf1 | 0.858 |
| Ifrd1 | Ppp2ca | 0.858 |
| Ppp1cc | Cdk4 | 0.858 |
| Ubqln2 | Fbln2 | 0.858 |
| Sf3b1 | Phc2 | 0.858 |
| Map2k4 | Map3k1 | 0.857 |
| Mecp2 | Rela | 0.857 |
| Tnfaip3 | Ikbkg | 0.857 |
| Sorbs1 | Fyn | 0.857 |
| Rin1 | Ywhab | 0.857 |
| Rad51 | Atr | 0.857 |
| Rad51 | Iqgap1 | 0.857 |
| Bcl11b | Gnao1 | 0.857 |
| Bcl11b | Atxn2 | 0.857 |
| Actbl2 | Mapkapk2 | 0.857 |
| Cry2 | Fbxl3 | 0.857 |
| Id2 | Kat2b | 0.857 |
| Cd2ap | Rps6ka3 | 0.857 |
| Usp2 | Tnk2 | 0.857 |
| Sod1 | Ngfr | 0.857 |
| Lmnb1 | Syncrip | 0.857 |
| Fadd | Lrdd | 0.857 |
| Sirt1 | Nr0b2 | 0.857 |
| Pura | Nr1h4 | 0.857 |
| Eif4enif1 | Smad4 | 0.857 |
| Hnf1a | Sp2 | 0.857 |
| Slc11a1 | Bmi1 | 0.857 |
| Ccnd2 | Cdk4 | 0.857 |
| Mtf1 | Rorb | 0.857 |
| Egr2 | Ddx41 | 0.857 |
| Ncam1 | Mbp | 0.857 |
| Siah2 | Spry4 | 0.857 |
| Cenpv | Eno3 | 0.857 |
| Vim | Nphp1 | 0.857 |
| Hbb-b1 | Slc25a3 | 0.857 |
| Aldoa | Foxp1 | 0.857 |
| Aldoa | Psmc5 | 0.857 |
| Akr1b3 | Hnrnpa1 | 0.857 |
| Stat5a | Stat5b | 0.857 |
| Zfp473 | Nkd2 | 0.857 |
| Pparg | Tab3 | 0.857 |
| Pparg | Mpl | 0.857 |
| Ubb | Rps3 | 0.857 |
| Thoc4 | Map2k7 | 0.857 |
| Dynll1 | Ruvbl2 | 0.857 |
| Syn2 | Gsn | 0.857 |

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| Hba-a1 | Fbln2 | 0.857 |
| Adcy8 | Ppp2ca | 0.857 |
| Hist3h2a | Spata24 | 0.857 |
| Casp8 | Vdac1 | 0.857 |
| Nrip1 | Cebpa | 0.857 |
| Nphp1 | Tuba1b | 0.857 |
| Syvn1 | Herpud1 | 0.856 |
| Mef2a | Zfp128 | 0.856 |
| Psma4 | Myo1c | 0.856 |
| Shc1 | Sorbs1 | 0.856 |
| Shc1 | Sh3kbp1 | 0.856 |
| Sorbs1 | Ppp1ca | 0.856 |
| Gabbr1 | Kif1b | 0.856 |
| Epc1 | Cbx2 | 0.856 |
| Usf1 | Hif1a | 0.856 |
| Rnh1 | Krt16 | 0.856 |
| Rnh1 | Try10 | 0.856 |
| Sgca | Pgm5 | 0.856 |
| Actbl2 | Mllt1 | 0.856 |
| Irf8 | Reg1 | 0.856 |
| Psmb1 | Cct6a | 0.856 |
| Psmb1 | Actn4 | 0.856 |
| Irak3 | Casp6 | 0.856 |
| Usp2 | Flt1 | 0.856 |
| Sod1 | Slc11a1 | 0.856 |
| Sod1 | Cflar | 0.856 |
| Lmnb1 | Gm5414 | 0.856 |
| Lmo2 | Lmx1b | 0.856 |
| Lmo2 | Lhx1 | 0.856 |
| Gtf2h1 | Snai1 | 0.856 |
| Cdk5 | Hist1h1a | 0.856 |
| Nkx2-5 | Tbx5 | 0.856 |
| Rab7 | Myh9 | 0.856 |
| Rab3d | Pkm2 | 0.856 |
| Hist2h4 | Pcna | 0.856 |
| Ahi1 | Actb | 0.856 |
| Rai14 | Zfp277 | 0.856 |
| Rai14 | Lhx2 | 0.856 |
| Tcf12 | Tle6 | 0.856 |
| Slc11a1 | Nbr1 | 0.856 |
| Mapt | Camk1 | 0.856 |
| Zfp236 | Mycn | 0.856 |
| Egr1 | Creb1 | 0.856 |
| Egr2 | Hhex | 0.856 |
| Eya3 | Tle6 | 0.856 |
| Cyld | Ntrk2 | 0.856 |

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| Aldoa | Ubqln2 | 0.856 |
| Aldoa | Telo2 | 0.856 |
| Aldoa | Tuba1b | 0.856 |
| Pparg | Prkdc | 0.856 |
| Ubb | Naca | 0.856 |
| Ubb | Mapk3 | 0.856 |
| Dok3 | Inpp5d | 0.856 |
| Isl2 | Lhx4 | 0.856 |
| Fancd2 | Arntl | 0.856 |
| Fancd2 | Rhoa | 0.856 |
| Fancd2 | Gli2 | 0.856 |
| Grin1 | Ctnnb1 | 0.856 |
| Aes | Msx1 | 0.856 |
| Rassf1 | Daxx | 0.856 |
| Blnk | Mdk | 0.856 |
| Rps13 | Cfl1 | 0.856 |
| Lef1 | Pin1 | 0.856 |
| Dlx1 | Dlx2 | 0.856 |
| Jund | Fos | 0.856 |
| Bag1 | Cdk2 | 0.855 |
| Bag1 | Sox8 | 0.855 |
| Mecp2 | Asb6 | 0.855 |
| Tnfaip3 | Med16 | 0.855 |
| Gtf2a1l | Hnf1a | 0.855 |
| Rad51 | Hoxc12 | 0.855 |
| Cited4 | Zfp236 | 0.855 |
| Vps16 | Stx8 | 0.855 |
| Rnh1 | Anapc2 | 0.855 |
| Rnh1 | Vim | 0.855 |
| Irf8 | Ctcf | 0.855 |
| Psmb5 | Ntrk1 | 0.855 |
| Usp2 | Ski | 0.855 |
| Lmnb1 | Baz1b | 0.855 |
| Traf6 | Fbxo32 | 0.855 |
| Nr1i2 | Prdx5 | 0.855 |
| Slc11a1 | Cbx2 | 0.855 |
| Utrn | Snta1 | 0.855 |
| Egr2 | Hsp90aa1 | 0.855 |
| Nbr1 | Sgta | 0.855 |
| Nbr1 | Atg16l1 | 0.855 |
| Prkcd | Atg16l1 | 0.855 |
| Med1 | Smad3 | 0.855 |
| Pparg | Bcr | 0.855 |
| Ncoa6 | Ctbp2 | 0.855 |
| Phc3 | Sf3b1 | 0.855 |
| Ubb | Trim30 | 0.855 |

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| Ubb | Ldhb | 0.855 |
| Taf1a | Taf1b | 0.855 |
| Fancd2 | Casp3 | 0.855 |
| Brca1 | Jun | 0.855 |
| Zfp277 | Taf1b | 0.855 |
| Wwp1 | Ticam1 | 0.855 |
| Ltbr | Casp9 | 0.855 |
| Foxh1 | Tbx5 | 0.855 |
| Jun | Fos | 0.855 |
| Sf1 | Egr1 | 0.854 |
| Mef2a | Mecom | 0.854 |
| Mecp2 | Abtb1 | 0.854 |
| Mecp2 | Zfp236 | 0.854 |
| Mecp2 | Zfp111 | 0.854 |
| Pasma4 | Ndufa4 | 0.854 |
| Pasma4 | Dnaja3 | 0.854 |
| Pasma4 | Cct6a | 0.854 |
| Sorbs1 | Dlg1 | 0.854 |
| Epha2 | Krt6a | 0.854 |
| Rarg | Raf1 | 0.854 |
| Rarg | Sfpi1 | 0.854 |
| Rad51 | Dnajb6 | 0.854 |
| Rnh1 | Myh9 | 0.854 |
| Cry1 | Timeless | 0.854 |
| Id3 | Flnc | 0.854 |
| Id3 | Gps1 | 0.854 |
| Id3 | Sfpi1 | 0.854 |
| Id1 | Ncoa1 | 0.854 |
| Ss18 | Ezh2 | 0.854 |
| Eif3b | Rbm3 | 0.854 |
| Eif3b | Fbln2 | 0.854 |
| Sod1 | Igf1r | 0.854 |
| Sod1 | Irf5 | 0.854 |
| Lmnb1 | Lbxcor1 | 0.854 |
| Lmo2 | Lmx1a | 0.854 |
| Ssbp3 | Lass2 | 0.854 |
| Wbp11 | Gli2 | 0.854 |
| Rab5b | Tubb4 | 0.854 |
| Rab3d | Dlat | 0.854 |
| Rab3d | Uqcrc1 | 0.854 |
| Pura | Nefh | 0.854 |
| Tcf12 | Hoxc4 | 0.854 |
| Ywhah | Lrrk2 | 0.854 |
| Psen2 | Pde10a | 0.854 |
| Mtf1 | Mycn | 0.854 |
| Irak4 | Irak1 | 0.854 |

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| Egr2 | Nfatc1 | 0.854 |
| Nbr1 | Fancd2 | 0.854 |
| Nbr1 | Ctcf | 0.854 |
| Cenpv | Tollip | 0.854 |
| Hbb-b1 | Telo2 | 0.854 |
| Tirap | Prpf31 | 0.854 |
| Ncoa6 | Grin1 | 0.854 |
| Ubb | Tubb6 | 0.854 |
| H1f0 | Bclaf1 | 0.854 |
| Smarce1 | Ppp1cc | 0.854 |
| Map3k5 | Srebf2 | 0.854 |
| Gps1 | Hoxd12 | 0.854 |
| Hist3h2a | Bmi1 | 0.854 |
| Tbx21 | Dlx1 | 0.854 |
| Fas | Sumo1 | 0.854 |
| Cdkn1a | Mdm4 | 0.854 |
| Rara | Ywhaz | 0.853 |
| Syvn1 | Hdac6 | 0.853 |
| Sorbs3 | LOC674895 | 0.853 |
| Cited4 | Hdac10 | 0.853 |
| Axin2 | Gsk3b | 0.853 |
| Id3 | Krt17 | 0.853 |
| Id3 | Ep300 | 0.853 |
| Id3 | Ankhd1 | 0.853 |
| Cd2ap | Suz12 | 0.853 |
| Psmb1 | Cand2 | 0.853 |
| Rac1 | Ppp3ca | 0.853 |
| Rab7 | Cbx5 | 0.853 |
| Pura | Ncl | 0.853 |
| Pura | Calm1 | 0.853 |
| Rai14 | Phf2 | 0.853 |
| Zfp354a | Cbx5 | 0.853 |
| Naglu | Try10 | 0.853 |
| Pias3 | Brpf1 | 0.853 |
| Cdx2 | Dlx5 | 0.853 |
| Efs | Gab1 | 0.853 |
| Sqstm1 | Ulk1 | 0.853 |
| Pitx1 | Egr1 | 0.853 |
| Egr2 | Mdm2 | 0.853 |
| Tle4 | Pax3 | 0.853 |
| Nbr1 | Phf20 | 0.853 |
| Siah2 | Spry1 | 0.853 |
| Bhlhe41 | Rfx4 | 0.853 |
| Pparg | Jun | 0.853 |
| Trip4 | Lass5 | 0.853 |
| Zfp110 | Actn4 | 0.853 |

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| Phc3 | Usp7 | 0.853 |
| Fancd2 | Vdac1 | 0.853 |
| Snapc4 | Zfp111 | 0.853 |
| Trim30 | Gria1 | 0.853 |
| Hba-a1 | Cfl1 | 0.853 |
| Pten | Ndfip1 | 0.853 |
| Ikbkb | Reg1 | 0.853 |
| Srf | H3f3a | 0.853 |
| Blnk | Arid3a | 0.853 |
| Tbrg1 | Rpl28 | 0.853 |
| Casp8 | Tax1bp1 | 0.853 |
| Bat1a | Gli2 | 0.853 |
| Bat1a | Csf1r | 0.853 |
| Bag1 | Brca1 | 0.852 |
| Mef2a | Ankra2 | 0.852 |
| Mecp2 | Hnf1b | 0.852 |
| Mecp2 | Hnf4a | 0.852 |
| Mecp2 | Hdac9 | 0.852 |
| Psma4 | Krt14 | 0.852 |
| Sorbs3 | Cul5 | 0.852 |
| Rarg | Myocd | 0.852 |
| Krt10 | Lox | 0.852 |
| Gpbp1 | Phf17 | 0.852 |
| Itch | Ripk1 | 0.852 |
| Rnh1 | Anxa2 | 0.852 |
| Rnh1 | Krt77 | 0.852 |
| Rnh1 | Hsp90aa1 | 0.852 |
| Id3 | Otx2 | 0.852 |
| Irf8 | Foxo3 | 0.852 |
| Cd2ap | Pxn | 0.852 |
| Zfand2a | Psm14 | 0.852 |
| Usp2 | Gbp2 | 0.852 |
| Usp2 | Poli | 0.852 |
| Usp2 | Flt3 | 0.852 |
| Sod1 | Ripk1 | 0.852 |
| Lmnb1 | Ncl | 0.852 |
| Lmnb1 | Ddx5 | 0.852 |
| Park2 | Sh3gl2 | 0.852 |
| Sirt1 | Hnf4a | 0.852 |
| Sirt1 | Nr1h4 | 0.852 |
| Traf6 | Mdm2 | 0.852 |
| Hist2h4 | Eif4a2 | 0.852 |
| Hist2h4 | Med16 | 0.852 |
| Pura | Mark3 | 0.852 |
| Pura | Ddx5 | 0.852 |
| Senp6 | Sumo3 | 0.852 |

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| Tle1 | Myod1 | 0.852 |
| Hnf1a | Polr1a | 0.852 |
| Naglu | Spata24 | 0.852 |
| Naglu | Eprs | 0.852 |
| Nphp3 | Krt79 | 0.852 |
| Egr1 | Mcl1 | 0.852 |
| Egr2 | Calr | 0.852 |
| Egr2 | Ccar1 | 0.852 |
| Egr2 | lkbkg | 0.852 |
| Pias1 | Setdb1 | 0.852 |
| Gsc | lfrd1 | 0.852 |
| Magi2 | Foxh1 | 0.852 |
| Nbr1 | Nos2 | 0.852 |
| Ncam1 | Syn1 | 0.852 |
| Akr1b3 | Pdia6 | 0.852 |
| Camk2a | Dlg1 | 0.852 |
| Krt73 | Nphp1 | 0.852 |
| Ppard | Pparg | 0.852 |
| Pparg | Trp53 | 0.852 |
| Pparg | Atxn3 | 0.852 |
| Fancd2 | Map3k2 | 0.852 |
| Fancd2 | Flt3 | 0.852 |
| Suz12 | Syn1 | 0.852 |
| Pcna | Cdk4 | 0.852 |
| Arhgef7 | Lrrk2 | 0.852 |
| Ubqln2 | Rpl7 | 0.852 |
| Gab1 | Fasn | 0.852 |
| Bag1 | Cyld | 0.851 |
| Psm4 | Tubb6 | 0.851 |
| Shc1 | ErbB2 | 0.851 |
| Sorbs1 | Cav1 | 0.851 |
| Rsad2 | Irak1 | 0.851 |
| Rad51 | Gtf2b | 0.851 |
| Rad51 | Hoxa2 | 0.851 |
| Rnh1 | Atp5a1 | 0.851 |
| Bcl11b | Dnajb6 | 0.851 |
| Sgca | Ldb3 | 0.851 |
| Cd2ap | Map2k1 | 0.851 |
| Psm4 | Cflar | 0.851 |
| Psm1 | Naglu | 0.851 |
| Psm1 | Eprs | 0.851 |
| Usp2 | Mycn | 0.851 |
| Sod1 | Junb | 0.851 |
| Slc2a4 | Mapk8 | 0.851 |
| Traf6 | Hspa1b | 0.851 |
| Rab7 | Strap | 0.851 |

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| Rab3d | Ckm | 0.851 |
| Naglu | Prdx1 | 0.851 |
| Mtf2 | Trip4 | 0.851 |
| Birc3 | Ticam1 | 0.851 |
| Eya3 | Pknox2 | 0.851 |
| Nbr1 | Zfp110 | 0.851 |
| Nbr1 | Mycn | 0.851 |
| Nbr1 | Gli3 | 0.851 |
| Ncam1 | Arhgef7 | 0.851 |
| Tlx1 | Pbx1 | 0.851 |
| Rb1 | Cdk2 | 0.851 |
| Aldoa | Ldb3 | 0.851 |
| Akr1b3 | Purb | 0.851 |
| Tirap | Jak1 | 0.851 |
| Atg12 | Rab33b | 0.851 |
| Sf3b2 | Smad2 | 0.851 |
| Notch2 | Notch4 | 0.851 |
| Ppard | Thrb | 0.851 |
| Kdm4c | Sirt2 | 0.851 |
| Ubb | Myl12b | 0.851 |
| Ubb | Hsp90b1 | 0.851 |
| Ewsr1 | Nkd2 | 0.851 |
| Scmh1 | Gmn | 0.851 |
| Blk | Pea15a | 0.851 |
| Hist3h2a | Tsc22d3 | 0.851 |
| Ubqln2 | Prdm16 | 0.851 |
| Sf3b1 | Bmi1 | 0.851 |
| Mapkbp1 | Slc2a4 | 0.85 |
| Psm4 | Prkacb | 0.85 |
| Sorbs1 | Dok1 | 0.85 |
| Epc1 | Ascl1 | 0.85 |
| Krt10 | Glud1 | 0.85 |
| Rnh1 | Pcp2 | 0.85 |
| Rnh1 | Actn1 | 0.85 |
| Rnh1 | Hspa2 | 0.85 |
| Irf8 | Cebpb | 0.85 |
| Id1 | Pbx2 | 0.85 |
| Psm4 | Ntrk1 | 0.85 |
| Psm1 | Krt78 | 0.85 |
| Kat5 | Dnmt1 | 0.85 |
| Usp2 | Nr1h3 | 0.85 |
| Usp2 | Egr2 | 0.85 |
| Usp2 | Skil | 0.85 |
| Sod1 | Smn1 | 0.85 |
| Sod1 | Anxa1 | 0.85 |
| Lmn1 | Hnrnpk | 0.85 |

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| Gtf2h1 | Pbx2 | 0.85 |
| Trps1 | Dynll1 | 0.85 |
| Traip | Irf3 | 0.85 |
| Pura | Ccnd1 | 0.85 |
| Pura | Kcnd2 | 0.85 |
| Pura | E2f3 | 0.85 |
| Ring1 | Cbx7 | 0.85 |
| Ascl1 | Trim27 | 0.85 |
| App | Bace1 | 0.85 |
| Pknox1 | Smad2 | 0.85 |
| Naglu | Myl12b | 0.85 |
| Slc11a1 | Ar | 0.85 |
| Ndel1 | Pafah1b1 | 0.85 |
| Nbr1 | Was | 0.85 |
| Ube2l3 | Eya1 | 0.85 |
| Aldoa | Hsp90aa1 | 0.85 |
| Akr1b3 | Gm5414 | 0.85 |
| Akr1b3 | Alb | 0.85 |
| Sf3b2 | Foxp1 | 0.85 |
| H1f0 | Hspa2 | 0.85 |
| Map3k5 | Ltbr | 0.85 |
| Grin1 | Ppp1cc | 0.85 |
| Sufu | Lgals3 | 0.85 |
| Hist3h2a | Cbx7 | 0.85 |
| Hist3h2a | Csk | 0.85 |
| Casp8 | Gria3 | 0.85 |
| Casp8 | Uimc1 | 0.85 |
| Zfp263 | Cxxc1 | 0.849 |
| Bag1 | Nhlrc1 | 0.849 |
| Bag1 | Aldoa | 0.849 |
| Bach1 | Mecom | 0.849 |
| Map2k4 | Tab3 | 0.849 |
| Gtf2a1l | Irf9 | 0.849 |
| Psm4 | Krt17 | 0.849 |
| Shc1 | Egfr | 0.849 |
| Epha2 | Try5 | 0.849 |
| Krt10 | Prss1 | 0.849 |
| Cited4 | Setx | 0.849 |
| Rnh1 | Actc1 | 0.849 |
| Rnh1 | Actb | 0.849 |
| Cryab | Ccnd1 | 0.849 |
| Id3 | Hnf4g | 0.849 |
| Id1 | Trim27 | 0.849 |
| Cd2ap | Kat5 | 0.849 |
| Cd2ap | Gata3 | 0.849 |
| Cdk6 | Rb1 | 0.849 |

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| Psmb4 | Rps27a | 0.849 |
| Rac1 | Ppp2ca | 0.849 |
| Plcb4 | Grm1 | 0.849 |
| Sod1 | Krt14 | 0.849 |
| Sod1 | Tnk2 | 0.849 |
| Sod1 | Fam175b | 0.849 |
| Sod1 | Reg1 | 0.849 |
| Lmnb1 | Rbx1 | 0.849 |
| Gtf2h1 | Trps1 | 0.849 |
| Traf6 | Ncoa3 | 0.849 |
| Traf6 | Smad2 | 0.849 |
| Rab3d | Vdac2 | 0.849 |
| Pura | Trim32 | 0.849 |
| Tle1 | Mycn | 0.849 |
| Psen2 | Notch2 | 0.849 |
| Efs | Ptk2b | 0.849 |
| Egr2 | Pax6 | 0.849 |
| Mixl1 | Spdef | 0.849 |
| Ncor2 | Gli2 | 0.849 |
| Cops8 | Cops5 | 0.849 |
| Nbr1 | Tnk2 | 0.849 |
| Nbr1 | Flt1 | 0.849 |
| Cenpv | Psmc2 | 0.849 |
| Gsk3b | Apc | 0.849 |
| Gsk3b | Ctnnb1 | 0.849 |
| Hbb-b1 | Ldha | 0.849 |
| Cyld | Cflar | 0.849 |
| Akr1b3 | Cfl1 | 0.849 |
| Ncoa6 | Mdc1 | 0.849 |
| Phc3 | Gon4l | 0.849 |
| Ubb | Dlg1 | 0.849 |
| Fancd2 | Cacna1c | 0.849 |
| Fancd2 | Nbn | 0.849 |
| Kat2b | Myod1 | 0.849 |
| Cbl | Inpp5d | 0.849 |
| Smad4 | Pex6 | 0.849 |
| Mapk8 | Trp73 | 0.849 |
| Rps13 | Pdia6 | 0.849 |
| Hist3h2a | Tfdp1 | 0.849 |
| Gtf2b | Gmnn | 0.849 |
| Zfp277 | Lass2 | 0.849 |
| Bag1 | Pkm2 | 0.848 |
| Map2k4 | Itch | 0.848 |
| Map2k4 | Tab1 | 0.848 |
| Shc1 | Dlg1 | 0.848 |
| Sorbs1 | Spna1 | 0.848 |

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| Sorbs1 | Eps8 | 0.848 |
| Sorbs1 | Cblc | 0.848 |
| Epc1 | Gata4 | 0.848 |
| Rad51 | Msl1 | 0.848 |
| Rad51 | Nbn | 0.848 |
| Itch | Traf2 | 0.848 |
| Rnh1 | Id3 | 0.848 |
| Rnh1 | Aldoa | 0.848 |
| Bcl11b | Map2k7 | 0.848 |
| Bcl11b | Ldhb | 0.848 |
| Id2 | Phf17 | 0.848 |
| Id3 | Ubb | 0.848 |
| Id1 | Cdk1 | 0.848 |
| Cd2ap | Ldlr | 0.848 |
| Cd2ap | Nr3c1 | 0.848 |
| Homer2 | Grm1 | 0.848 |
| Psmb5 | Fam175b | 0.848 |
| Smad6 | Smurf1 | 0.848 |
| Phb2 | Lmb1 | 0.848 |
| Usp2 | Reg1 | 0.848 |
| Gtf2h1 | Tbx21 | 0.848 |
| Cdk5 | Cdk4 | 0.848 |
| Wdr1 | Leo1 | 0.848 |
| Ssbp3 | Lhx2 | 0.848 |
| Wwp2 | Gsc | 0.848 |
| Traf6 | Ikkbg | 0.848 |
| Rab3d | Ptges3 | 0.848 |
| Ccdc101 | Mbip | 0.848 |
| Tcf12 | Hhex | 0.848 |
| Nr1i2 | Pias1 | 0.848 |
| Nr1i2 | Pawr | 0.848 |
| Slc11a1 | Mapk3 | 0.848 |
| Psen2 | Atp1a3 | 0.848 |
| Mll1 | Dbp | 0.848 |
| Max | Lbr | 0.848 |
| Zfp236 | Hnf4a | 0.848 |
| Sqstm1 | Cyld | 0.848 |
| Zap70 | Was | 0.848 |
| Egr1 | Pparg | 0.848 |
| Egr2 | Jak2 | 0.848 |
| Eya3 | Rel | 0.848 |
| Prkce | Irf5 | 0.848 |
| Aldoa | Atp5a1 | 0.848 |
| Akr1b3 | Rpl22 | 0.848 |
| Akr1b3 | Rpl7 | 0.848 |
| Hspa5 | Nphp1 | 0.848 |

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| Pparg | Cacna1c | 0.848 |
| Pparg | Rxra | 0.848 |
| Ubb | Smarce1 | 0.848 |
| Fancd2 | Hgs | 0.848 |
| Syn2 | Ppp1r9b | 0.848 |
| Grin2a | Notch3 | 0.848 |
| Ubqln2 | Prkcsh | 0.848 |
| Crocc | Mapk8ip2 | 0.848 |
| Lef1 | Foxh1 | 0.848 |
| Lef1 | Jun | 0.848 |
| Lef1 | Sumo1 | 0.848 |
| Bag1 | Stxbp1 | 0.847 |
| Bag1 | Actr1a | 0.847 |
| Map2k6 | Sash1 | 0.847 |
| Ap1b1 | Hes1 | 0.847 |
| Mecp2 | Usf1 | 0.847 |
| Mecp2 | Neurog2 | 0.847 |
| Mecp2 | Zfp292 | 0.847 |
| Sorbs1 | Sorbs2 | 0.847 |
| Zfp467 | Stat1 | 0.847 |
| Epc1 | Csnk2a2 | 0.847 |
| Gpbp1 | Smyd2 | 0.847 |
| Spna1 | Sorbs2 | 0.847 |
| Dok2 | Bcr | 0.847 |
| Bcl11b | Nr1h4 | 0.847 |
| Sin3b | Lbxcor1 | 0.847 |
| Id2 | Ubb | 0.847 |
| Id2 | Ddx5 | 0.847 |
| Id3 | Map2k1 | 0.847 |
| Id3 | Med14 | 0.847 |
| Irf8 | Notch1 | 0.847 |
| Irf8 | Csf1r | 0.847 |
| Id1 | Gtf2e2 | 0.847 |
| Id1 | Uchl1 | 0.847 |
| Cd2ap | Lyn | 0.847 |
| Psmb4 | Tbk1 | 0.847 |
| Usp2 | Psmc3 | 0.847 |
| Usp2 | Ulk1 | 0.847 |
| Kit | Vav1 | 0.847 |
| Hist2h4 | Pbx4 | 0.847 |
| Hist2h4 | Mysm1 | 0.847 |
| Ahi1 | Krt42 | 0.847 |
| Barx2 | Fos | 0.847 |
| Hnf1a | Pawr | 0.847 |
| Tcf12 | Rfx4 | 0.847 |
| Nr1i2 | Sirt2 | 0.847 |

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| Slc11a1 | Ntrk2 | 0.847 |
| Bcl6 | Tbrg1 | 0.847 |
| Mapt | Tsnax | 0.847 |
| Egr2 | Ep300 | 0.847 |
| Mixl1 | Sox15 | 0.847 |
| Stat3 | Jun | 0.847 |
| Eya3 | Smyd2 | 0.847 |
| Nbr1 | Cacna1c | 0.847 |
| Nbr1 | Atxn3 | 0.847 |
| Siah2 | Thra | 0.847 |
| Cenpv | Cdh13 | 0.847 |
| Ube2i | Serbp1 | 0.847 |
| Aldoa | Traf3ip2 | 0.847 |
| Snap25 | Hgs | 0.847 |
| Sf3b2 | Vdr | 0.847 |
| Notch2 | Notch3 | 0.847 |
| Pparg | Ppargc1a | 0.847 |
| Ubb | Nid2 | 0.847 |
| Ubb | Olig2 | 0.847 |
| Itga5 | Atxn3 | 0.847 |
| Fancd2 | Tax1bp1 | 0.847 |
| Hmga1 | Cebpb | 0.847 |
| Gtf3c1 | Gtf2b | 0.847 |
| Gtf3c1 | Tbx21 | 0.847 |
| Cask | Sh3gl3 | 0.847 |
| Fasn | Phc2 | 0.847 |
| Bach1 | Zfp128 | 0.846 |
| Mapkbp1 | Map2k4 | 0.846 |
| Map2k4 | Irak1 | 0.846 |
| Mecp2 | Trip4 | 0.846 |
| Epha2 | Krt17 | 0.846 |
| Epha2 | Pkd1 | 0.846 |
| Ercc3 | Smad9 | 0.846 |
| Usf1 | Rarb | 0.846 |
| Gpbp1 | Ifnar2 | 0.846 |
| Cited4 | Ss18 | 0.846 |
| Cited4 | Neurog2 | 0.846 |
| Rnh1 | Dnaja3 | 0.846 |
| Rnh1 | Krt73 | 0.846 |
| Rnh1 | Nid2 | 0.846 |
| Rnh1 | Eea1 | 0.846 |
| Id3 | Sfn | 0.846 |
| Irf8 | Hras1 | 0.846 |
| Cd2ap | Nck1 | 0.846 |
| Cd2ap | H1f0 | 0.846 |
| Psmb5 | Zfp110 | 0.846 |

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| Psmb1 | Nucb1 | 0.846 |
| Usp2 | Bcl3 | 0.846 |
| Lmo2 | Lhx2 | 0.846 |
| Lmo2 | Lhx9 | 0.846 |
| Park2 | Bcl2 | 0.846 |
| Rab3d | Mog | 0.846 |
| Rab3d | Rab3b | 0.846 |
| Pura | Hspa2 | 0.846 |
| Hnf1a | Zfp110 | 0.846 |
| Skp1a | Myog | 0.846 |
| Ywhah | Mark3 | 0.846 |
| Ccnd2 | Cdk2 | 0.846 |
| Psen2 | Notch4 | 0.846 |
| Mapt | Herpud1 | 0.846 |
| Nbr1 | Bace1 | 0.846 |
| Nbr1 | Stam2 | 0.846 |
| Nbr1 | Myog | 0.846 |
| Nbr1 | Arntl | 0.846 |
| Nbr1 | Mdm4 | 0.846 |
| Ncam1 | Lrrk2 | 0.846 |
| Hbb-b1 | Atp5d | 0.846 |
| Akr1b3 | Eif4b | 0.846 |
| Sf3b2 | Myod1 | 0.846 |
| Pparg | Trpc4 | 0.846 |
| Ncoa6 | Bmi1 | 0.846 |
| Ubb | Psm11 | 0.846 |
| Ubb | Actn1 | 0.846 |
| Fancd2 | Usp8 | 0.846 |
| Grin2c | Gria1 | 0.846 |
| Eif4e | Eif3e | 0.846 |
| Snpc4 | Med20 | 0.846 |
| Snpc4 | Zfp82 | 0.846 |
| Rps13 | Atp5d | 0.846 |
| Rps13 | Gm5414 | 0.846 |
| Myc | Cdkn2a | 0.846 |
| Hhex | Jun | 0.846 |
| Sgcb | Sgcb | 0.846 |
| Cops3 | Cops6 | 0.845 |
| Bag1 | Rac1 | 0.845 |
| Mecp2 | Rarg | 0.845 |
| Shc3 | Atxn2 | 0.845 |
| Psm4 | Krt10 | 0.845 |
| Shc1 | Fyn | 0.845 |
| Sorbs3 | Rock2 | 0.845 |
| Epha2 | Amfr | 0.845 |
| Rarg | Tcf12 | 0.845 |

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| Rarg | Hist3h2a | 0.845 |
| Ednra | Yes1 | 0.845 |
| Rnh1 | Psmb4 | 0.845 |
| Rnh1 | Fabp1 | 0.845 |
| Bcl11b | Stxbp1 | 0.845 |
| Sgca | Flot1 | 0.845 |
| Actbl2 | Eif3b | 0.845 |
| Actbl2 | Eif4b | 0.845 |
| Per2 | Timeless | 0.845 |
| Id2 | E2f2 | 0.845 |
| Id2 | Cebpd | 0.845 |
| Irf8 | Ddx41 | 0.845 |
| Raf1 | Sh3bp2 | 0.845 |
| Psmb5 | Calr | 0.845 |
| Psmb5 | Gli3 | 0.845 |
| Rac1 | Hspa1b | 0.845 |
| Usp2 | Fancd2 | 0.845 |
| Usp2 | Hgs | 0.845 |
| Sod1 | Rps27a | 0.845 |
| Sod1 | Aldoa | 0.845 |
| Ywhab | Mark3 | 0.845 |
| Pura | Krt76 | 0.845 |
| Pura | Ncor1 | 0.845 |
| Tle1 | Aebp2 | 0.845 |
| Tle1 | Hist4h4 | 0.845 |
| Tcf12 | Phf2 | 0.845 |
| Hist1h1a | Cdk1 | 0.845 |
| Egfr | Jak2 | 0.845 |
| Sox2 | Sumo1 | 0.845 |
| Mtf2 | Lass5 | 0.845 |
| Mtf2 | Polr1a | 0.845 |
| Sqstm1 | Zfp110 | 0.845 |
| Egr1 | E2f1 | 0.845 |
| Hist1h3f | Cdk1 | 0.845 |
| Cenpv | Vdac2 | 0.845 |
| Aldoa | Prdm16 | 0.845 |
| Akr1b3 | Ube2v2 | 0.845 |
| Tirap | Cul5 | 0.845 |
| Ncoa6 | Zbtb33 | 0.845 |
| Ubb | Stub1 | 0.845 |
| Dll4 | Dapk1 | 0.845 |
| Gtf3c1 | Iqgap1 | 0.845 |
| Lcp1 | Atxn2 | 0.845 |
| Ubqln2 | Hnrnpa1 | 0.845 |
| Trp53 | Mdm2 | 0.845 |
| VeZF1 | H2afx | 0.845 |

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| Bag1 | Esr1 | 0.844 |
| Ap1b1 | Pcmt1 | 0.844 |
| Mecp2 | Hes1 | 0.844 |
| Mecp2 | Ercc8 | 0.844 |
| Mecp2 | Ddx20 | 0.844 |
| Shcbp1 | Edc4 | 0.844 |
| Psma4 | Nucb1 | 0.844 |
| Usf1 | Myocd | 0.844 |
| Cited4 | Clock | 0.844 |
| Rnh1 | Sik3 | 0.844 |
| Rnh1 | Krt17 | 0.844 |
| Rnh1 | Naca | 0.844 |
| Id3 | Sfrs2 | 0.844 |
| Id3 | Uchl1 | 0.844 |
| Irf8 | Ube4b | 0.844 |
| Id1 | Nupr1 | 0.844 |
| Raf1 | Kndc1 | 0.844 |
| Psmb5 | Myh9 | 0.844 |
| Psmb1 | Ipo9 | 0.844 |
| Usp2 | Ezh2 | 0.844 |
| Usp2 | Myog | 0.844 |
| Sod1 | Flt1 | 0.844 |
| Lmnb1 | Keap1 | 0.844 |
| Six1 | Eya3 | 0.844 |
| Rab6 | Tfrc | 0.844 |
| Rab3d | Cnp | 0.844 |
| Hist2h4 | Rps3 | 0.844 |
| Pura | Tfdp1 | 0.844 |
| Ahi1 | Tuba1b | 0.844 |
| Naglu | Adam6b | 0.844 |
| Keap1 | Sqstm1 | 0.844 |
| Irs1 | Irs2 | 0.844 |
| Mtf2 | Kdm5d | 0.844 |
| Zfp236 | Arntl | 0.844 |
| Flnc | Nphp1 | 0.844 |
| Eya3 | Nf1 | 0.844 |
| Ezh1 | Jarid2 | 0.844 |
| Cenpv | Ldha | 0.844 |
| Aldoa | Itpr1 | 0.844 |
| Aldoa | Tfrc | 0.844 |
| Ep300 | Trp53 | 0.844 |
| Pparg | Hdac5 | 0.844 |
| Pparg | Flot1 | 0.844 |
| Ncoa6 | Phc3 | 0.844 |
| Ncoa6 | Med14 | 0.844 |
| Robo1 | Ighmbp2 | 0.844 |

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| H1f0 | Inpp5d | 0.844 |
| Dynll1 | Hnrnpm | 0.844 |
| Numb | Cdh1 | 0.844 |
| Mtor | Rptor | 0.844 |
| Casp8 | Slc1a2 | 0.844 |
| Casp8 | Csf1r | 0.844 |
| Nrip1 | Rps5 | 0.844 |
| Bag1 | Epm2a | 0.843 |
| Gtf2a1l | Spata24 | 0.843 |
| Shc1 | Kit | 0.843 |
| Shc1 | Gab1 | 0.843 |
| Shc1 | Diap1 | 0.843 |
| Sorbs1 | Asb6 | 0.843 |
| Rnf41 | Irak1 | 0.843 |
| Epha2 | Sfrs2 | 0.843 |
| Epc1 | Mph1 | 0.843 |
| Cited4 | Sh3gl1 | 0.843 |
| Rnh1 | Flnc | 0.843 |
| Actbl2 | Cand2 | 0.843 |
| Actbl2 | Hba-a1 | 0.843 |
| Id2 | E2f1 | 0.843 |
| Id3 | Krt8 | 0.843 |
| Id3 | Krt76 | 0.843 |
| Psmb5 | Polk | 0.843 |
| Psmb4 | Zfp110 | 0.843 |
| Nedd9 | Myo18a | 0.843 |
| Usp2 | Nr3c2 | 0.843 |
| Eif3b | Rps13 | 0.843 |
| Sod1 | Alb | 0.843 |
| Gtf2h1 | Zfp292 | 0.843 |
| Iqcb1 | Tubb5 | 0.843 |
| Ywhab | Lrrk2 | 0.843 |
| Rab5b | Map3k5 | 0.843 |
| Rab4a | Srebf2 | 0.843 |
| Pura | Syn1 | 0.843 |
| Barx2 | Jun | 0.843 |
| Tcf12 | Hoxd13 | 0.843 |
| Naglu | Tuba1b | 0.843 |
| Slc11a1 | Phc3 | 0.843 |
| Mtf1 | Hoxb1 | 0.843 |
| Ndel1 | Nefh | 0.843 |
| Sqstm1 | Ntrk1 | 0.843 |
| Egr2 | Tcp1 | 0.843 |
| Mixl1 | Med16 | 0.843 |
| Ezh2 | Arntl | 0.843 |
| Prkce | Gab1 | 0.843 |

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| Cyld | Was | 0.843 |
| Cyld | Myd88 | 0.843 |
| Aldoa | Myod1 | 0.843 |
| Aldoa | Tax1bp1 | 0.843 |
| Akr1b3 | Ube2v1 | 0.843 |
| Akr1b3 | Hba-a1 | 0.843 |
| Akr1b3 | Eno3 | 0.843 |
| Tirap | Insr | 0.843 |
| Ep300 | Nr1h4 | 0.843 |
| Lin7c | Cask | 0.843 |
| Sf3b2 | Smad4 | 0.843 |
| Med1 | Med14 | 0.843 |
| Ubb | Nphp1 | 0.843 |
| Fancd2 | Slc1a2 | 0.843 |
| Dbnl | Fus | 0.843 |
| Eef1a1 | Pdia6 | 0.843 |
| Rps13 | Nr1h4 | 0.843 |
| Myod1 | Tsc22d3 | 0.843 |
| Cdk2 | Cdkn1b | 0.843 |
| Cdk2 | Cebpa | 0.843 |
| Vezf1 | Sap18 | 0.843 |
| Mecp2 | Smad4 | 0.842 |
| Mecp2 | Med16 | 0.842 |
| Mecp2 | Fos | 0.842 |
| Shc3 | Diap1 | 0.842 |
| Psm4 | Kpnb1 | 0.842 |
| Shc1 | Frs2 | 0.842 |
| Gabbr1 | Jakmip1 | 0.842 |
| Rarg | Rarb | 0.842 |
| Rad51 | Vav1 | 0.842 |
| Smc1b | Smc3 | 0.842 |
| Phc1 | Scmh1 | 0.842 |
| Smad9 | Klf10 | 0.842 |
| Rnh1 | Phb2 | 0.842 |
| Rnh1 | Polr2b | 0.842 |
| Id3 | Cops7b | 0.842 |
| Cd2ap | Fyn | 0.842 |
| Tcerg1 | Cdk2 | 0.842 |
| Tcerg1 | Ctnna1 | 0.842 |
| Usp2 | Keap1 | 0.842 |
| Usp2 | Krt8 | 0.842 |
| Usp2 | Casp8 | 0.842 |
| Eif3b | Hbb-b1 | 0.842 |
| Sod1 | Phf20 | 0.842 |
| Sod1 | Tubb5 | 0.842 |
| Crkl | Clybl | 0.842 |

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| Pcgf2 | Phc2 | 0.842 |
| Traf3 | Ltbr | 0.842 |
| Rab3d | Rab3c | 0.842 |
| Rab3d | Eno3 | 0.842 |
| Hist2h4 | Tada3 | 0.842 |
| Bub1 | Smc2 | 0.842 |
| Pura | Pcna | 0.842 |
| Zfp354a | Sertad1 | 0.842 |
| Efs | Sh3bp2 | 0.842 |
| Egr1 | Fbxw7 | 0.842 |
| Mixl1 | Hoxc12 | 0.842 |
| Mixl1 | Hoxa10 | 0.842 |
| Tmf1 | Hdac6 | 0.842 |
| Nbr1 | Rhoa | 0.842 |
| Nbr1 | Msx2 | 0.842 |
| Nbr1 | Tbk1 | 0.842 |
| Prkcd | Trim30 | 0.842 |
| Cenpv | Sf3b1 | 0.842 |
| Akr1b3 | Fbln2 | 0.842 |
| Akr1b3 | Asap2 | 0.842 |
| Akr1b3 | Eif3e | 0.842 |
| Tirap | Tubb5 | 0.842 |
| Snap25 | Sgta | 0.842 |
| Ubb | Mapk1 | 0.842 |
| Fancd2 | Runx2 | 0.842 |
| Dynll1 | Aifm1 | 0.842 |
| Eef1a1 | Tubb5 | 0.842 |
| Gtf3c1 | Sap18 | 0.842 |
| Hist3h2a | Hoxa9 | 0.842 |
| Hist3h2a | Taf1b | 0.842 |
| Hist3h2a | Cebpa | 0.842 |
| Ubqln2 | Eno3 | 0.842 |
| Wwp1 | Actn4 | 0.842 |
| Mef2a | Smad4 | 0.841 |
| Ap1b1 | Zbtb17 | 0.841 |
| Mecp2 | Zdhhc6 | 0.841 |
| Mecp2 | Ss18 | 0.841 |
| Gtf2a1l | Spdef | 0.841 |
| Sorbs1 | Flot1 | 0.841 |
| Epha2 | Rsrc1 | 0.841 |
| Epc1 | Kat2b | 0.841 |
| Rarg | Gata4 | 0.841 |
| Usf1 | Tle6 | 0.841 |
| Rnh1 | Psma1 | 0.841 |
| Rnh1 | Actg1 | 0.841 |
| Rnh1 | Efhd2 | 0.841 |

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| Actbl2 | Akr1b3 | 0.841 |
| Id3 | Prss1 | 0.841 |
| Id3 | Mysm1 | 0.841 |
| Cd2ap | Pkd1 | 0.841 |
| Cul3 | Zbtb16 | 0.841 |
| Raf1 | Diap1 | 0.841 |
| Psmb5 | Flnc | 0.841 |
| Usp2 | Pkd2 | 0.841 |
| Usp2 | ErbB2 | 0.841 |
| Usp2 | Phf20 | 0.841 |
| Eif3b | Nrip1 | 0.841 |
| Mzf1 | Zfp768 | 0.841 |
| Abl1 | Rasa1 | 0.841 |
| Tle1 | Satb2 | 0.841 |
| Tle1 | Mapk3 | 0.841 |
| Naglu | Thrap3 | 0.841 |
| Pias3 | Dnmt1 | 0.841 |
| Tipin | Timeless | 0.841 |
| Grip1 | Kat2b | 0.841 |
| Egr2 | Uimc1 | 0.841 |
| Bcl2 | Ppp1cc | 0.841 |
| Gtf2e2 | Gtf2e1 | 0.841 |
| Tmf1 | Gsc | 0.841 |
| Ncor2 | Rfxank | 0.841 |
| Nbr1 | Mc4r | 0.841 |
| Bhlhe41 | Pbx4 | 0.841 |
| Cenpv | Cnp | 0.841 |
| Mapk8ip3 | Mapk8ip2 | 0.841 |
| Akr1b3 | Calm2 | 0.841 |
| Akr1b3 | Ptrf | 0.841 |
| Akr1b3 | Psmc5 | 0.841 |
| Sf3b2 | Kat2b | 0.841 |
| Ubb | Ddx5 | 0.841 |
| Ubb | Ankhd1 | 0.841 |
| H1f0 | Rps6ka3 | 0.841 |
| Fancd2 | Fyn | 0.841 |
| Fancd2 | Ccar1 | 0.841 |
| Fancd2 | Cebpa | 0.841 |
| Dbnl | Atxn2 | 0.841 |
| H1 | Cdk2 | 0.841 |
| Map3k5 | Cdk9 | 0.841 |
| Hba-a1 | Pdia6 | 0.841 |
| Gtf3c1 | H2afx | 0.841 |
| Rps13 | Rpsa | 0.841 |
| Hist3h2a | Clock | 0.841 |
| Ubqln2 | Pcbp1 | 0.841 |

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| Tceb1 | Socs2 | 0.841 |
| Wwp1 | Ngfr | 0.841 |
| Tbp | Dlx2 | 0.841 |
| Tbp | Hoxa10 | 0.841 |
| Casp8 | Gli2 | 0.841 |
| Topbp1 | Lpxn | 0.841 |
| Fau | Bmi1 | 0.841 |
| Hif1a | Egln3 | 0.841 |
| Trp73 | Trp63 | 0.841 |
| Bag1 | Atf4 | 0.84 |
| Bag1 | Dnaja1 | 0.84 |
| Syvn1 | Ncstn | 0.84 |
| Sumo2 | Nfkbia | 0.84 |
| Shc3 | Syngap1 | 0.84 |
| Pasma4 | Jup | 0.84 |
| Sorbs1 | Arhgef7 | 0.84 |
| Als2 | Ntrk2 | 0.84 |
| Rarg | Socs7 | 0.84 |
| Cited4 | Kat2a | 0.84 |
| Cd40 | Traf2 | 0.84 |
| Rnh1 | Plec | 0.84 |
| Rnh1 | Prdx1 | 0.84 |
| Bcl11b | Ldha | 0.84 |
| Id3 | Gfi1 | 0.84 |
| Id3 | Ncoa1 | 0.84 |
| Id3 | Cops6 | 0.84 |
| Id3 | Pi4ka | 0.84 |
| Cd2ap | Park7 | 0.84 |
| Rac1 | Dlg4 | 0.84 |
| Usp2 | Fam175b | 0.84 |
| Usp2 | Hist2h2bb | 0.84 |
| Pcbd1 | Hnf1a | 0.84 |
| Lmnb1 | Rorc | 0.84 |
| Lmo2 | Zfp593 | 0.84 |
| Lmo2 | Csdc2 | 0.84 |
| Gtf2h1 | Mapk8 | 0.84 |
| Pcp2 | Ctnna1 | 0.84 |
| Rab3d | Cenpv | 0.84 |
| Pura | Ccnd3 | 0.84 |
| Tle1 | Tef | 0.84 |
| Tle1 | Mapk9 | 0.84 |
| Zfp354a | Cbx1 | 0.84 |
| Hnf1a | Pax3 | 0.84 |
| Naglu | Serpib7 | 0.84 |
| Nr1i2 | Hnf4g | 0.84 |
| Efs | Map1lc3b | 0.84 |

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| Max | Eif2a | 0.84 |
| Mtf1 | Zfp275 | 0.84 |
| Prkaca | Gck | 0.84 |
| Egr2 | Psm2 | 0.84 |
| Birc2 | Map3k7 | 0.84 |
| Tmf1 | Smn1 | 0.84 |
| Tmf1 | Irf5 | 0.84 |
| Nbr1 | Mcl1 | 0.84 |
| Nbr1 | Cflar | 0.84 |
| Nbr1 | Junb | 0.84 |
| Cenpv | Ptges3 | 0.84 |
| Hbb-b1 | Ptrf | 0.84 |
| Aldoa | Lgals3 | 0.84 |
| Sall4 | Ewsr1 | 0.84 |
| Ppargc1a | Ccnh | 0.84 |
| Ncoa6 | Ppara | 0.84 |
| Itpr1 | Ube4b | 0.84 |
| Trim30 | Map1lc3a | 0.84 |
| Hba-a1 | Vdac2 | 0.84 |
| Gtf3c1 | Psme3 | 0.84 |
| Rps13 | Kcnd2 | 0.84 |
| Zfp277 | Olig2 | 0.84 |
| Foxh1 | Ing1 | 0.84 |
| Bag1 | Bcl11b | 0.839 |
| Bag1 | Psmc2 | 0.839 |
| B2m | Cflar | 0.839 |
| Map2k4 | Ube2n | 0.839 |
| Psm4 | Psmb4 | 0.839 |
| Psm4 | Rps27a | 0.839 |
| Psm4 | Ipo9 | 0.839 |
| Sorbs1 | Pxn | 0.839 |
| Sorbs1 | Bcar1 | 0.839 |
| Sorbs1 | Inpp5d | 0.839 |
| Sorbs1 | Csf1r | 0.839 |
| Rarg | Ncoa1 | 0.839 |
| Cited4 | Ssbp3 | 0.839 |
| Cited4 | Myb | 0.839 |
| Smad9 | Gjb6 | 0.839 |
| Rnh1 | Hnrnp2 | 0.839 |
| Rnh1 | Alb | 0.839 |
| Bcl11b | Eif2c2 | 0.839 |
| Actbl2 | Yaf2 | 0.839 |
| Id1 | Rel | 0.839 |
| Cd2ap | Eps8 | 0.839 |
| Ssbp2 | Lmo1 | 0.839 |
| Raf1 | Dlg2 | 0.839 |

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| Rac1 | Runx2 | 0.839 |
| Rev1 | Pcna | 0.839 |
| Usp2 | Mdm4 | 0.839 |
| Sod1 | Nfkbia | 0.839 |
| Lmnb1 | Strap | 0.839 |
| Cdk5 | Cdk1 | 0.839 |
| Ptk2 | Ppp1ca | 0.839 |
| Traf6 | Sqstm1 | 0.839 |
| Ahi1 | Krt15 | 0.839 |
| Ahi1 | Hspa9 | 0.839 |
| Rai14 | Isl2 | 0.839 |
| Rai14 | Sirt2 | 0.839 |
| Nr1i2 | Nr1i3 | 0.839 |
| Psen2 | Ryr2 | 0.839 |
| Efs | Csn2 | 0.839 |
| Zbtb16 | Dnmt1 | 0.839 |
| Zfp236 | Dynll1 | 0.839 |
| Sla2 | Dok3 | 0.839 |
| Egr2 | Trp53 | 0.839 |
| Klc1 | Mapk8ip2 | 0.839 |
| Birc2 | Ube2n | 0.839 |
| Ube2n | Ikbkg | 0.839 |
| Bace1 | Dlg1 | 0.839 |
| Ube2i | Eif3i | 0.839 |
| Gsk3b | Lrrk2 | 0.839 |
| Aldoa | Cops4 | 0.839 |
| Akr1b3 | Ckm | 0.839 |
| Sf3b2 | Foxh1 | 0.839 |
| Med1 | Cdk1 | 0.839 |
| Pparg | Ube4b | 0.839 |
| Ppargc1a | Kat2b | 0.839 |
| Ppara | Trim24 | 0.839 |
| Ubb | Tubb2c | 0.839 |
| Pxn | Mdk | 0.839 |
| Irak1 | Nr0b2 | 0.839 |
| Grin2a | Dlg2 | 0.839 |
| Rbx1 | Ptma | 0.839 |
| Smad4 | Prdm16 | 0.839 |
| Smad2 | Prdm16 | 0.839 |
| Gtf3c1 | Sox15 | 0.839 |
| Rps13 | Nrip1 | 0.839 |
| Ubqln2 | Cand1 | 0.839 |
| Ubqln2 | Eprs | 0.839 |
| Casp8 | Nos2 | 0.839 |
| Bat1a | Tbk1 | 0.839 |
| Bag1 | Map3k1 | 0.838 |

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|---------|-----------|-------|
| Map2k4 | Tab2 | 0.838 |
| Mecp2 | Kif2a | 0.838 |
| Ptprq | Cdh1 | 0.838 |
| Cyfp2 | Wasf2 | 0.838 |
| Usf1 | Ncoa1 | 0.838 |
| Krt10 | Actn1 | 0.838 |
| Sgca | Ptrf | 0.838 |
| Actbl2 | Ube2v1 | 0.838 |
| Actbl2 | Eif4a1 | 0.838 |
| Per2 | Usp2 | 0.838 |
| Id2 | Taf1b | 0.838 |
| Id3 | Krt79 | 0.838 |
| Id3 | Med16 | 0.838 |
| Psmb4 | Krt2 | 0.838 |
| Eif3b | Atp5d | 0.838 |
| Eif3b | Telo2 | 0.838 |
| Eif3b | Kcnd2 | 0.838 |
| Sod1 | Acta1 | 0.838 |
| Sod1 | Hist2h2bb | 0.838 |
| Sod1 | Rer1 | 0.838 |
| Gtf2h1 | Hnf4g | 0.838 |
| Hand2 | Hoxd13 | 0.838 |
| Hand1 | Fhl2 | 0.838 |
| Psen1 | Notch2 | 0.838 |
| Traf6 | Vcp | 0.838 |
| Rab5b | Rab4a | 0.838 |
| Hist2h4 | Eif4a1 | 0.838 |
| Ccdc101 | Tada3 | 0.838 |
| Hnf1a | Tox3 | 0.838 |
| Nr1i2 | Rnf19a | 0.838 |
| Nr1i2 | Tgif1 | 0.838 |
| Pias3 | Nr0b2 | 0.838 |
| Mtf2 | Smarca1 | 0.838 |
| Zfp236 | Hoxd3 | 0.838 |
| Kat2a | Csrp2bp | 0.838 |
| Egr2 | Olig2 | 0.838 |
| Birc2 | Tmem115 | 0.838 |
| Birc3 | Sh3gl2 | 0.838 |
| Mixl1 | Stat2 | 0.838 |
| Mixl1 | Hoxa2 | 0.838 |
| Tmf1 | Pten | 0.838 |
| Foxn2 | Sirt2 | 0.838 |
| Tbpl1 | Gmnn | 0.838 |
| Ube2e3 | Ptma | 0.838 |
| Akr1b3 | Eif4a1 | 0.838 |
| Tirap | Irak1 | 0.838 |

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| Tirap | Tceb2 | 0.838 |
| Pparg | Spry4 | 0.838 |
| Ppara | Rxra | 0.838 |
| Ubb | Taf1b | 0.838 |
| Fancd2 | Tardbp | 0.838 |
| Fancd2 | Dlg1 | 0.838 |
| Fancd2 | Nos2 | 0.838 |
| Dynll1 | Hnrnpf | 0.838 |
| Grb2 | Csf1r | 0.838 |
| Eef1a1 | Nf1 | 0.838 |
| Chmp5 | Epas1 | 0.838 |
| Ubqln2 | Alb | 0.838 |
| Bag1 | Cul2 | 0.837 |
| Bag1 | Ppp1cc | 0.837 |
| Mecp2 | Gsc | 0.837 |
| Psma4 | Pcmt1 | 0.837 |
| Shc1 | Nedd4 | 0.837 |
| Trim66 | Lbr | 0.837 |
| Rnh1 | Sfrs2 | 0.837 |
| Bcl11b | Hist3h2a | 0.837 |
| Id3 | Sfrs1 | 0.837 |
| Id3 | Glud1 | 0.837 |
| Cul3 | Keap1 | 0.837 |
| Psmb5 | Krt14 | 0.837 |
| Psmb5 | Stam2 | 0.837 |
| Psmb5 | Actn4 | 0.837 |
| Psmb5 | Tbk1 | 0.837 |
| Usp2 | Map3k2 | 0.837 |
| Usp2 | Ngfr | 0.837 |
| Eif3b | Pdia6 | 0.837 |
| Lmnb1 | Ube2i | 0.837 |
| Traip | Irf1 | 0.837 |
| Rab5b | Rab3a | 0.837 |
| Rab3d | Vdac1 | 0.837 |
| Hist2h4 | Ivns1abp | 0.837 |
| Pura | Kat2b | 0.837 |
| Gabrg2 | Ppp3ca | 0.837 |
| Otx2 | Alx4 | 0.837 |
| Nr1i2 | Sap18 | 0.837 |
| Grm1 | Itpr1 | 0.837 |
| Mapt | Tab2 | 0.837 |
| Mtf2 | Rps13 | 0.837 |
| Dnaja3 | Hspa9 | 0.837 |
| Zfp236 | Pax3 | 0.837 |
| Egr2 | Sgta | 0.837 |
| Egr2 | Slc1a2 | 0.837 |

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| Birc2 | Diap1 | 0.837 |
| Mixl1 | Tbx21 | 0.837 |
| Nbr1 | Vim | 0.837 |
| Nbr1 | Nfkbia | 0.837 |
| Nbr1 | Gria1 | 0.837 |
| Prkcd | Gria1 | 0.837 |
| Prkcd | Actn2 | 0.837 |
| Trib2 | Reg1 | 0.837 |
| Atm | Dnmt1 | 0.837 |
| Pparg | Slc1a2 | 0.837 |
| Kdm4c | Zfp592 | 0.837 |
| Ubb | Brca1 | 0.837 |
| Tef | Gtf2h2 | 0.837 |
| Fancd2 | Tab3 | 0.837 |
| Fancd2 | Hras1 | 0.837 |
| Map3k1 | Map2k7 | 0.837 |
| Hba-a1 | Rpl22 | 0.837 |
| Cblb | Ticam1 | 0.837 |
| Gtf3c1 | Vav1 | 0.837 |
| Rps13 | Fus | 0.837 |
| Rabl4 | Ift20 | 0.837 |
| Hist3h2a | Ppp2ca | 0.837 |
| Ifrd1 | Mef2d | 0.837 |
| Ubqln2 | Asap2 | 0.837 |
| Usp7 | Mdm4 | 0.837 |
| Bag1 | Hoxc8 | 0.836 |
| Bag1 | Pfn1 | 0.836 |
| Bag1 | Ptrf | 0.836 |
| Bag1 | Slc25a3 | 0.836 |
| Mef2a | Gli2 | 0.836 |
| Map2k6 | Tab3 | 0.836 |
| Mecp2 | Foxo3 | 0.836 |
| Shc1 | Nck1 | 0.836 |
| Sorbs1 | Tlr4 | 0.836 |
| Sorbs1 | Cblb | 0.836 |
| Epha2 | Sik3 | 0.836 |
| Gpbp1 | Creb1 | 0.836 |
| Cited4 | Ssbp4 | 0.836 |
| Bcl11b | Iqgap1 | 0.836 |
| Tcf3 | Id3 | 0.836 |
| Cry2 | Per2 | 0.836 |
| Id3 | Rpl4 | 0.836 |
| Id3 | Krt77 | 0.836 |
| Id3 | Bhlhe41 | 0.836 |
| Irf8 | Atxn3 | 0.836 |
| Psmb5 | Trim28 | 0.836 |

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| Psmb1 | Ube2a | 0.836 | |
| Usp2 | Smurf1 | 0.836 | |
| Usp2 | Ube4b | 0.836 | |
| Sod1 | Prss1 | 0.836 | |
| Sod1 | Egr2 | 0.836 | |
| Gtf2h1 | Csdc2 | 0.836 | |
| Cdk5 | E2f1 | 0.836 | |
| Six1 | Eya1 | 0.836 | |
| Crkl | Bcar1 | 0.836 | |
| Mzf1 | Zscan2 | 0.836 | |
| Jdp2 | Pbx4 | 0.836 | |
| | 5-Sep | 2-Sep | 0.836 |
| Naglu | Tubb5 | 0.836 | |
| Naglu | Hoxb9 | 0.836 | |
| Btbd10 | Ttc3 | 0.836 | |
| Efs | Atxn2 | 0.836 | |
| Esr1 | Ar | 0.836 | |
| Tlr4 | Cblb | 0.836 | |
| Sox2 | Irf1 | 0.836 | |
| Mapt | Gsc | 0.836 | |
| Mtf2 | Suz12 | 0.836 | |
| Zfp236 | Zfp275 | 0.836 | |
| Mixl1 | Nr4a1 | 0.836 | |
| Nbr1 | Hgs | 0.836 | |
| Hbb-b1 | Irf3 | 0.836 | |
| Hbb-b1 | Ticam1 | 0.836 | |
| Ep300 | Kat2b | 0.836 | |
| Trip4 | Foxp1 | 0.836 | |
| Zfp110 | Sh3gl2 | 0.836 | |
| Zfpm1 | Ifrd1 | 0.836 | |
| Fancd2 | Ppp2cb | 0.836 | |
| Syn2 | Vasp | 0.836 | |
| Git1 | Arhgef6 | 0.836 | |
| Eef1a1 | Tubb6 | 0.836 | |
| Smad2 | Sh3gl2 | 0.836 | |
| Hba-a1 | Psmc5 | 0.836 | |
| Suz12 | Sap18 | 0.836 | |
| Ubqln2 | Rpl22 | 0.836 | |
| Zfp277 | Tsc22d3 | 0.836 | |
| Zfp277 | Csde1 | 0.836 | |
| Mapk7 | Ptges3 | 0.836 | |
| Vps11 | Stx6 | 0.836 | |
| Syvn1 | Efhd2 | 0.835 | |
| Map2k4 | Ecsit | 0.835 | |
| Mecp2 | Etv6 | 0.835 | |
| Sorbs1 | Egfr | 0.835 | |

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| Sorbs1 | Pdlim7 | 0.835 |
| Creb3l4 | Anapc7 | 0.835 |
| Epha2 | Pkp1 | 0.835 |
| Epha2 | Zdhhc13 | 0.835 |
| Rad51 | Rps6ka3 | 0.835 |
| Rnh1 | Tpi1 | 0.835 |
| Rnh1 | Hspa9 | 0.835 |
| Bcl11b | Gtf2b | 0.835 |
| Myl9 | Epas1 | 0.835 |
| Actbl2 | Ckm | 0.835 |
| Id3 | Zdhhc13 | 0.835 |
| Psmb5 | Krt77 | 0.835 |
| Psmb5 | Hsp90b1 | 0.835 |
| Psmb1 | Ndufa4 | 0.835 |
| Usp2 | Rela | 0.835 |
| Sod1 | Mycn | 0.835 |
| Cdk5 | Ccnb1 | 0.835 |
| Park2 | Bax | 0.835 |
| Traf2 | Ube2d3 | 0.835 |
| Rab5b | Ywhaq | 0.835 |
| Hist2h4 | Trip4 | 0.835 |
| Pura | Rps6 | 0.835 |
| Pura | Kif5b | 0.835 |
| Rai14 | Trip4 | 0.835 |
| Ldb2 | Lmo3 | 0.835 |
| Zfp354a | Isl2 | 0.835 |
| Naglu | Krt42 | 0.835 |
| Keap1 | Ptma | 0.835 |
| Efs | Bcar1 | 0.835 |
| Efs | Diap1 | 0.835 |
| Inadl | Grin2a | 0.835 |
| Sox2 | Uimc1 | 0.835 |
| Mtf1 | Arntl | 0.835 |
| Mtf2 | C1qbp | 0.835 |
| Zfp236 | Hoxb1 | 0.835 |
| Cacng2 | Gria2 | 0.835 |
| Tmf1 | Rhoa | 0.835 |
| Nbr1 | Gli2 | 0.835 |
| Aldoa | Slc1a2 | 0.835 |
| Akr1b3 | Ldha | 0.835 |
| Ppard | Trim24 | 0.835 |
| Ubb | Pcna | 0.835 |
| Thoc4 | Vcp | 0.835 |
| Trim30 | Mapk3 | 0.835 |
| Rps13 | Prkcsh | 0.835 |
| Ifrd1 | Tal1 | 0.835 |

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| Ccna1 | Cdk2 | 0.835 |
| Irf3 | Tbk1 | 0.835 |
| Nrip1 | Ap2m1 | 0.835 |
| Nrip1 | Rps3 | 0.835 |
| Syvn1 | Eea1 | 0.834 |
| Map2k6 | Tab2 | 0.834 |
| Psma4 | Aifm1 | 0.834 |
| Shc1 | Grin1 | 0.834 |
| Col5a1 | Smad4 | 0.834 |
| Usf1 | Sfpi1 | 0.834 |
| Gpbp1 | Sertad2 | 0.834 |
| Rad51 | Gata3 | 0.834 |
| Cited4 | Ewsr1 | 0.834 |
| Ncstn | Herpud1 | 0.834 |
| Rnh1 | Psma7 | 0.834 |
| Rnh1 | Atp5d | 0.834 |
| Bcl11b | Atf2 | 0.834 |
| Actbl2 | Pik3ca | 0.834 |
| Id2 | Pcna | 0.834 |
| Id2 | Ccna1 | 0.834 |
| Id3 | Tubb2a | 0.834 |
| Id3 | Hnrnpf | 0.834 |
| Psmb4 | Myog | 0.834 |
| Rnf2 | Runx1 | 0.834 |
| Tcerg1 | Mdm2 | 0.834 |
| LOC677235 | Dclk2 | 0.834 |
| Usp2 | Pklr | 0.834 |
| Eif3b | Anxa1 | 0.834 |
| Eif3b | Eif2a | 0.834 |
| Sod1 | Skil | 0.834 |
| Lmo2 | Pitx2 | 0.834 |
| Crk | Irs1 | 0.834 |
| Lbxcor1 | Hdac1 | 0.834 |
| Traf2 | Map3k1 | 0.834 |
| Ahi1 | Hsp90ab1 | 0.834 |
| Tle1 | Clock | 0.834 |
| Nr1i2 | Rorb | 0.834 |
| Slc11a1 | Mph1 | 0.834 |
| Tlr4 | Bcl10 | 0.834 |
| Tlr4 | Ube2n | 0.834 |
| Max | Ccna1 | 0.834 |
| Max | Trp53 | 0.834 |
| Myh3 | Neur12 | 0.834 |
| Birc2 | Map3k1 | 0.834 |
| Tmf1 | Stam2 | 0.834 |
| Eya3 | Pbx1 | 0.834 |

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| Dab1 | Was | 0.834 |
| Nbr1 | Smurf1 | 0.834 |
| Nbr1 | Psmc3 | 0.834 |
| Nbr1 | Uimc1 | 0.834 |
| Prkcb | Rps6ka3 | 0.834 |
| Prkcd | Ntrk2 | 0.834 |
| Bhlhe41 | Pdcd6 | 0.834 |
| Cenpv | Slc25a3 | 0.834 |
| Cenpv | Uqcrc1 | 0.834 |
| Ppp2r1a | Ppp2ca | 0.834 |
| Cyld | Ntrk1 | 0.834 |
| Akr1b3 | Dsp | 0.834 |
| Akr1b3 | Atp5d | 0.834 |
| Pparg | Cdkn2a | 0.834 |
| Trip4 | Mafk | 0.834 |
| Phc3 | Bmi1 | 0.834 |
| Mafk | Nfe2 | 0.834 |
| Dbnl | Gab2 | 0.834 |
| Dynll1 | Pafah1b1 | 0.834 |
| Hba-a1 | Palm | 0.834 |
| Hba-a1 | Efhd2 | 0.834 |
| Gria1 | Gria2 | 0.834 |
| Mapk8 | Daxx | 0.834 |
| Vezf1 | Atxn2 | 0.834 |
| Socs2 | Lepr | 0.834 |
| Bag1 | Hsp90ab1 | 0.833 |
| Bag1 | Syn1 | 0.833 |
| Map2k6 | Bcl10 | 0.833 |
| Mecp2 | Kat2a | 0.833 |
| Mecp2 | Stag2 | 0.833 |
| Mecp2 | Ncor2 | 0.833 |
| Arhgap32 | Rac1 | 0.833 |
| Psmc4 | Myh9 | 0.833 |
| Shc1 | Dusp2 | 0.833 |
| Shc1 | Ptpn11 | 0.833 |
| Shc1 | Map1lc3b | 0.833 |
| Epha2 | Glud1 | 0.833 |
| Epc1 | Myocd | 0.833 |
| Flna | Rps27a | 0.833 |
| Usf1 | Cebpa | 0.833 |
| Gpbp1 | Rxrg | 0.833 |
| Rph3al | Rims1 | 0.833 |
| Rad51 | Gtf3c1 | 0.833 |
| Cited4 | Mtf1 | 0.833 |
| Cited4 | Hoxa2 | 0.833 |
| Ednra | Arrb1 | 0.833 |

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| Itch | Smad2 | 0.833 |
| Bcl11b | Dnajb1 | 0.833 |
| Myl9 | Tada3 | 0.833 |
| Actbl2 | Cenpv | 0.833 |
| Cry1 | Per3 | 0.833 |
| Id2 | Psme3 | 0.833 |
| Id3 | Trip4 | 0.833 |
| Irf8 | Runx2 | 0.833 |
| Id1 | Bhlhe41 | 0.833 |
| Psmb5 | Reg1 | 0.833 |
| Usp2 | Itga5 | 0.833 |
| Eif3b | Eif3e | 0.833 |
| Sod1 | Nr1h3 | 0.833 |
| Sod1 | Tuba1b | 0.833 |
| Pkd2 | Herpud1 | 0.833 |
| Traf2 | Ikbkg | 0.833 |
| Hist2h4 | Rpl4 | 0.833 |
| Hist2h4 | Lass2 | 0.833 |
| Pura | Ctnnd1 | 0.833 |
| Zfp354a | Foxq1 | 0.833 |
| Tcf12 | Neurog2 | 0.833 |
| Cbx3 | Trim28 | 0.833 |
| Naglu | Hsp90b1 | 0.833 |
| Naglu | Nefm | 0.833 |
| Pdia3 | Slc25a3 | 0.833 |
| Cops2 | Gsk3b | 0.833 |
| Efs | Khdrbs1 | 0.833 |
| Bcl6 | Ppp1r9b | 0.833 |
| Max | Atm | 0.833 |
| Mtf2 | Nkd2 | 0.833 |
| Ncoa3 | Rnf19a | 0.833 |
| Foxn2 | Zfp277 | 0.833 |
| Nbr1 | Vdac1 | 0.833 |
| Ncam1 | Apoe | 0.833 |
| Bhlhe41 | Prpf31 | 0.833 |
| Cenpv | Yaf2 | 0.833 |
| Ube2i | Phf17 | 0.833 |
| Ube2i | Sumo1 | 0.833 |
| Zfp768 | Zfp473 | 0.833 |
| Hbb-b1 | Ubqln2 | 0.833 |
| Aldoa | Tuba4a | 0.833 |
| Ep300 | Cebpa | 0.833 |
| Trip4 | Ubb | 0.833 |
| H1f0 | Sap18 | 0.833 |
| H1f0 | H2afx | 0.833 |
| Dynll1 | Rcn2 | 0.833 |

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| Cops7b | Gps1 | 0.833 |
| Map3k7 | Ikbkg | 0.833 |
| Wnt1 | Fzd8 | 0.833 |
| Hba-a1 | Telo2 | 0.833 |
| Rps13 | Fbln2 | 0.833 |
| Ppp1cc | Cdk2 | 0.833 |
| Zfp277 | Gtf2f1 | 0.833 |
| Ppp2ca | Ppp2r3a | 0.833 |
| Gab1 | Cdh1 | 0.833 |
| Casp8 | Ddx41 | 0.833 |
| Topbp1 | Fbxo28 | 0.833 |
| Bag1 | Stat3 | 0.832 |
| B2m | Tbk1 | 0.832 |
| Bach1 | Zmym2 | 0.832 |
| Mecp2 | Pds5a | 0.832 |
| Psma4 | Mms19 | 0.832 |
| Psma4 | Rcn2 | 0.832 |
| Sorbs1 | Kit | 0.832 |
| Sorbs1 | Efs | 0.832 |
| Sorbs1 | Bcl2 | 0.832 |
| Pik3r1 | Csf1r | 0.832 |
| Krt10 | Mtap2 | 0.832 |
| Rad51 | Atm | 0.832 |
| Rad51 | H1f0 | 0.832 |
| Cited4 | Ep300 | 0.832 |
| Cited4 | Hnf4a | 0.832 |
| Rnh1 | Eprs | 0.832 |
| Bcl11b | Vav1 | 0.832 |
| Per1 | Usp2 | 0.832 |
| Id2 | Neurog2 | 0.832 |
| Id2 | Rfx4 | 0.832 |
| Irf8 | Nos2 | 0.832 |
| Psbm5 | Fancd2 | 0.832 |
| Psbm5 | Mdm4 | 0.832 |
| Psbm4 | Tubb5 | 0.832 |
| Psbm1 | Flnc | 0.832 |
| Psbm1 | Exoc4 | 0.832 |
| Usp2 | Adrbk1 | 0.832 |
| Eif3b | Rps6 | 0.832 |
| Eif3b | Rpl22 | 0.832 |
| Sod1 | Stam2 | 0.832 |
| Sod1 | Psm2 | 0.832 |
| Traf3 | Map3k1 | 0.832 |
| Rab7 | Ywhag | 0.832 |
| Zfp369 | Zfp110 | 0.832 |
| Pura | Ywhah | 0.832 |

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| Tcf12 | Pbx4 | 0.832 |
| Naglu | Calm2 | 0.832 |
| Naglu | Hspa9 | 0.832 |
| Orc2l | Zfp592 | 0.832 |
| Nr1i2 | Lgals3 | 0.832 |
| Slc11a1 | Sqstm1 | 0.832 |
| Pias3 | Gmnn | 0.832 |
| Tlr4 | Birc3 | 0.832 |
| Mapt | Tmf1 | 0.832 |
| Mtf2 | Asb6 | 0.832 |
| Pou2f1 | Tle4 | 0.832 |
| Birc3 | Casp3 | 0.832 |
| Mixl1 | Hoxd13 | 0.832 |
| Mixl1 | Nkd2 | 0.832 |
| Prkcd | Ulk1 | 0.832 |
| Prkce | Kdr | 0.832 |
| Hbb-b1 | Eno3 | 0.832 |
| Cbx5 | Hist4h4 | 0.832 |
| Zfp473 | Zfp275 | 0.832 |
| Pparg | Smad2 | 0.832 |
| Pparg | Spry1 | 0.832 |
| Pparg | Hdac3 | 0.832 |
| Pparg | Ctnnb1 | 0.832 |
| Ubb | Thrap3 | 0.832 |
| Fancd2 | Hdac5 | 0.832 |
| Fancd2 | Foxo3 | 0.832 |
| Fancd2 | Ddx41 | 0.832 |
| Syn2 | Hdac1 | 0.832 |
| Syn2 | Nos1 | 0.832 |
| Grin2a | Dll1 | 0.832 |
| Cebpd | Lass2 | 0.832 |
| Trim30 | Ngfr | 0.832 |
| Cblb | Myd88 | 0.832 |
| Blnk | Elk1 | 0.832 |
| Hist3h2a | E2f6 | 0.832 |
| Gtf2b | Tbp | 0.832 |
| Arrb2 | Usp7 | 0.832 |
| Tceb2 | Wsb1 | 0.832 |
| Hoxa9 | Phf17 | 0.832 |
| Fzr1 | Aurka | 0.832 |
| Wwp1 | Tax1bp1 | 0.832 |
| Casp8 | Fos | 0.832 |
| Nxt1 | Nxf1 | 0.832 |
| Map2k4 | Birc2 | 0.831 |
| Mecp2 | Stat5a | 0.831 |
| Mecp2 | Nfya | 0.831 |

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| Gtf2a1l | Meis2 | 0.831 |
| Shc1 | Pag1 | 0.831 |
| Sorbs1 | ErbB2 | 0.831 |
| Rnf41 | Myd88 | 0.831 |
| Epha2 | Naglu | 0.831 |
| Epha2 | Dsp | 0.831 |
| Epc1 | Sfpi1 | 0.831 |
| Flna | Tuba1b | 0.831 |
| Rad51 | Nde1 | 0.831 |
| Smad9 | Mxi1 | 0.831 |
| Esrrb | Tbp | 0.831 |
| Rnh1 | Dnaja2 | 0.831 |
| Bcl11b | Foxp1 | 0.831 |
| Id2 | Polr1a | 0.831 |
| Id3 | Naglu | 0.831 |
| Id3 | Cdk1 | 0.831 |
| Id1 | Smad2 | 0.831 |
| Psmb4 | Actn4 | 0.831 |
| Phb2 | Myod1 | 0.831 |
| Sod1 | Pkd2 | 0.831 |
| Sod1 | Nbr1 | 0.831 |
| Sod1 | Mc4r | 0.831 |
| Sod1 | Krt42 | 0.831 |
| Lmnb1 | Nup153 | 0.831 |
| Mzf1 | Zfp473 | 0.831 |
| Rab7 | Tnpo1 | 0.831 |
| Hist2h4 | Smarce1 | 0.831 |
| Hist2h4 | Satb1 | 0.831 |
| Rai14 | Rnf14 | 0.831 |
| Nr1i2 | Thrb | 0.831 |
| Ccnd1 | Cdk4 | 0.831 |
| Mapt | Stat1 | 0.831 |
| Egr2 | Map3k2 | 0.831 |
| Egr2 | Vamp2 | 0.831 |
| Per3 | Clock | 0.831 |
| Gsc | Pparg | 0.831 |
| Nbr1 | Foxo3 | 0.831 |
| Nbr1 | Csf1r | 0.831 |
| Prkce | Ppp3ca | 0.831 |
| Cenpv | Ndufa9 | 0.831 |
| Ube2i | Pdlim4 | 0.831 |
| Rb1 | Psmc10 | 0.831 |
| Dnajc1 | Hsp90b1 | 0.831 |
| Aldoa | Map3k1 | 0.831 |
| Aldoa | Nphp1 | 0.831 |
| Aldoa | Alb | 0.831 |

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| Akr1b3 | Cand1 | 0.831 |
| Foxa1 | Dlx1 | 0.831 |
| Notch2 | Sufu | 0.831 |
| Pparg | Vamp2 | 0.831 |
| Rhoq | Cblb | 0.831 |
| Uba52 | Map2k7 | 0.831 |
| Ubb | Map1lc3a | 0.831 |
| Dbnl | Vav1 | 0.831 |
| Dynll1 | Krt78 | 0.831 |
| Dynll1 | Nphp1 | 0.831 |
| Suz12 | Rpl28 | 0.831 |
| Rps13 | Telo2 | 0.831 |
| Pcna | Ppp1cc | 0.831 |
| Rpl7 | Eif3e | 0.831 |
| Casp8 | Fau | 0.831 |
| Bat1a | Ngfr | 0.831 |
| Bag1 | Mapk8 | 0.83 |
| B2m | Zfp110 | 0.83 |
| Mapkbp1 | Atf2 | 0.83 |
| Tnfaip3 | Traf2 | 0.83 |
| Trim26 | Phf20 | 0.83 |
| Axin2 | Apc | 0.83 |
| Rnh1 | Dnaja1 | 0.83 |
| Rnh1 | Naglu | 0.83 |
| Rnh1 | Amfr | 0.83 |
| Rnh1 | Krt76 | 0.83 |
| Bcl11b | Nr3c1 | 0.83 |
| Per1 | Per2 | 0.83 |
| Per1 | Timeless | 0.83 |
| Id3 | Yeats2 | 0.83 |
| Id3 | Prpf31 | 0.83 |
| Cd2ap | Ssbp3 | 0.83 |
| Psmb5 | Actg1 | 0.83 |
| Psmb5 | Phf20 | 0.83 |
| Psmb5 | Was | 0.83 |
| Psmb4 | Pkd2 | 0.83 |
| Psmb1 | Tubb6 | 0.83 |
| Psmb1 | Myo1c | 0.83 |
| Usp2 | Becn1 | 0.83 |
| Eif3b | Rps16 | 0.83 |
| Eif3b | G3bp1 | 0.83 |
| Eif3b | Cand2 | 0.83 |
| Eif3b | Hba-a1 | 0.83 |
| Eif3b | Ube2v2 | 0.83 |
| Sod1 | Erbp2 | 0.83 |
| Sod1 | Msx2 | 0.83 |

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| Lmnb1 | Tnpo1 | 0.83 |
| Lmnb1 | Ddx3y | 0.83 |
| Six1 | Neurod1 | 0.83 |
| Hist2h4 | Myod1 | 0.83 |
| Nr1i2 | Setdb1 | 0.83 |
| Egr2 | Ilk | 0.83 |
| Birc2 | Tnip3 | 0.83 |
| Tmf1 | Fyn | 0.83 |
| Tmf1 | Was | 0.83 |
| Nbr1 | Camk1 | 0.83 |
| Nbr1 | Hist2h2bb | 0.83 |
| Ncam1 | Mog | 0.83 |
| Bhlhe41 | Psme3 | 0.83 |
| Cenpv | Ckm | 0.83 |
| Cenpv | Cbx7 | 0.83 |
| Ppp2r1a | Ppp2r3a | 0.83 |
| Ube2i | Pax6 | 0.83 |
| Cyld | Rela | 0.83 |
| Aldoa | Calm2 | 0.83 |
| Akr1b3 | Tubb5 | 0.83 |
| Akr1b3 | Hnrnpk | 0.83 |
| Tirap | Bclaf1 | 0.83 |
| Ep300 | Foxo3 | 0.83 |
| Atg16l1 | Ulk1 | 0.83 |
| Pparg | Ikbkg | 0.83 |
| Pparg | Tardbp | 0.83 |
| Pparg | Rxrg | 0.83 |
| Kdm4c | Actn2 | 0.83 |
| Ubb | Myo1c | 0.83 |
| Thoc4 | Kat2b | 0.83 |
| Arntl | Clock | 0.83 |
| Polr1b | Zfp592 | 0.83 |
| Sufu | Hist1h2ai | 0.83 |
| Stub1 | Atxn3 | 0.83 |
| Blnk | Ctnn | 0.83 |
| Suz12 | Vdac2 | 0.83 |
| Rps13 | Ubqln2 | 0.83 |
| Hist3h2a | Rpsa | 0.83 |
| Hist3h2a | Sf3b1 | 0.83 |
| Mlst8 | Mtor | 0.83 |
| Ppp5c | Dmrtc2 | 0.83 |
| Gab1 | Cav3 | 0.83 |
| Topbp1 | Elf1 | 0.83 |
| Zfp263 | Mzf1 | 0.829 |
| Spna2 | Ncam1 | 0.829 |
| Gtf2a1l | Id3 | 0.829 |

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| Gtf2a1l | Meis1 | 0.829 |
| Shc1 | Hck | 0.829 |
| Shc1 | Ptk2b | 0.829 |
| Sorbs1 | Abl1 | 0.829 |
| Creb3l4 | Smc2 | 0.829 |
| Epc1 | Pcgf1 | 0.829 |
| Cited4 | Tle1 | 0.829 |
| Cited4 | Csk | 0.829 |
| Bcl11b | Usp9x | 0.829 |
| Bcl11b | Kat2b | 0.829 |
| Id2 | Ccnb1 | 0.829 |
| Id2 | Eif2a | 0.829 |
| Id3 | 2210010C04l | 0.829 |
| Id3 | Ndufa4 | 0.829 |
| Id3 | Ascl1 | 0.829 |
| Cd2ap | Bax | 0.829 |
| Psmb5 | Tsnax | 0.829 |
| Psmb1 | Hsph1 | 0.829 |
| Psmb1 | Aifm1 | 0.829 |
| Tcerg1 | Kcnd2 | 0.829 |
| Usp2 | Sgta | 0.829 |
| Eif3b | Dsp | 0.829 |
| Sod1 | Hspa9 | 0.829 |
| Sod1 | Ldha | 0.829 |
| Lmnb1 | Ywhag | 0.829 |
| Lmnb1 | Hnrnph2 | 0.829 |
| Polk | Mad2l2 | 0.829 |
| Traf2 | Ripk1 | 0.829 |
| Sos1 | Spry4 | 0.829 |
| Hnf1a | Snopc4 | 0.829 |
| Atf3 | Hdac3 | 0.829 |
| Mapt | Dlg3 | 0.829 |
| Egr1 | Bhlhe41 | 0.829 |
| Lbr | Cbx5 | 0.829 |
| Bcl2l1 | Ppp1cc | 0.829 |
| Stat3 | Csf1r | 0.829 |
| Gsc | Gli3 | 0.829 |
| Ezh2 | Setx | 0.829 |
| Nbr1 | Cyld | 0.829 |
| Nbr1 | Skil | 0.829 |
| Nbr1 | Notch1 | 0.829 |
| Bhlhe41 | Trim27 | 0.829 |
| Hbb-b1 | Uqcrc1 | 0.829 |
| Sf3b2 | Hoxa13 | 0.829 |
| Map3k7 | Myd88 | 0.829 |
| Eif4a1 | Cfl1 | 0.829 |

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| Eif4a1 | Fbln2 | 0.829 |
| Eef1a1 | Tuba1a | 0.829 |
| Smad2 | Sykb | 0.829 |
| Smad2 | Ctnnb1 | 0.829 |
| Smad3 | Rela | 0.829 |
| Snopc4 | Polr1a | 0.829 |
| Hba-a1 | Ube2v2 | 0.829 |
| Hba-a1 | Ptrf | 0.829 |
| Hba-a1 | Eea1 | 0.829 |
| Hba-a1 | Eno3 | 0.829 |
| Hba-a1 | Asap2 | 0.829 |
| Rnf170 | Erlin2 | 0.829 |
| Gtf3c1 | Dlx5 | 0.829 |
| Suz12 | Slc25a3 | 0.829 |
| Rps13 | Psmc3 | 0.829 |
| Zfp277 | Pdlim4 | 0.829 |
| Tceb2 | Asb2 | 0.829 |
| Ppp5c | Cttn | 0.829 |
| Fasn | Strap | 0.829 |
| Sox8 | Jun | 0.829 |
| Bach1 | Mxi1 | 0.828 |
| Mecp2 | Rarb | 0.828 |
| Mecp2 | Hdac10 | 0.828 |
| Ttc7b | Pi4ka | 0.828 |
| Gtf2a1l | Wwp1 | 0.828 |
| Shc1 | Sos1 | 0.828 |
| Shc1 | Bcr | 0.828 |
| Sorbs3 | Braf | 0.828 |
| Epc1 | Med14 | 0.828 |
| Usf1 | Gata4 | 0.828 |
| Dok2 | Inpp5d | 0.828 |
| Cul1 | Skp1a | 0.828 |
| Rnh1 | Try5 | 0.828 |
| Rnh1 | Sod1 | 0.828 |
| Rnh1 | Ahi1 | 0.828 |
| Rnh1 | Cct3 | 0.828 |
| Rnh1 | Anxa1 | 0.828 |
| Rnh1 | Hspb1 | 0.828 |
| Bcl11b | Plp1 | 0.828 |
| Actbl2 | Scmh1 | 0.828 |
| Cd2ap | Zap70 | 0.828 |
| Ngly1 | Amfr | 0.828 |
| Psmb5 | Cflar | 0.828 |
| Psmb5 | Sykb | 0.828 |
| Psmb5 | Cdh1 | 0.828 |
| Rac1 | Dlg1 | 0.828 |

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| Ankrd1 | Ttn | 0.828 |
| Tcerg1 | Klf4 | 0.828 |
| Usp2 | Apc | 0.828 |
| Eif3b | Purb | 0.828 |
| Eif3b | Tceb1 | 0.828 |
| Eif3b | Eno3 | 0.828 |
| Sod1 | Atp5b | 0.828 |
| Lmo2 | Isl2 | 0.828 |
| Iqcb1 | Myh9 | 0.828 |
| Krt14 | Ahi1 | 0.828 |
| Rab7 | Ik | 0.828 |
| Rab3d | Suz12 | 0.828 |
| Pura | Arid1b | 0.828 |
| Pura | Rps3 | 0.828 |
| Rai14 | Med16 | 0.828 |
| Polh | Pcna | 0.828 |
| Max | Tuba1a | 0.828 |
| Zfp236 | Pparg | 0.828 |
| Zfp236 | Fos | 0.828 |
| Myh3 | Cryge | 0.828 |
| Egr2 | Dab1 | 0.828 |
| Tle4 | Aes | 0.828 |
| Tmf1 | Jak3 | 0.828 |
| Nbr1 | Bcr | 0.828 |
| Nbr1 | Pdgfrb | 0.828 |
| Prkcd | Gria2 | 0.828 |
| Rb1 | E2f1 | 0.828 |
| Mcl1 | Fbxw7 | 0.828 |
| Hbb-b1 | Ldhb | 0.828 |
| Aldoa | Taf15 | 0.828 |
| Aldoa | Psmc2 | 0.828 |
| Aldoa | Tubb2c | 0.828 |
| Stat5b | Jak2 | 0.828 |
| Sf3b2 | Jun | 0.828 |
| Pparg | Tet2 | 0.828 |
| Zfp110 | Gli3 | 0.828 |
| Ubb | Rpsa | 0.828 |
| Ubb | Prkdc | 0.828 |
| Tek | Cdh1 | 0.828 |
| H1f0 | Cdk5r1 | 0.828 |
| Fancd2 | Lyn | 0.828 |
| Fancd2 | Zfp277 | 0.828 |
| Thoc4 | Rbm3 | 0.828 |
| Dbnl | Ctnn | 0.828 |
| Map3k1 | Jun | 0.828 |
| Cdc37 | Lrrk2 | 0.828 |

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| Snapc4 | Foxh1 | 0.828 |
| Hba-a1 | Rps13 | 0.828 |
| Hba-a1 | Hnrnpm | 0.828 |
| Hsp90ab1 | Nphp1 | 0.828 |
| Suz12 | H2afx | 0.828 |
| Hist3h2a | Usp7 | 0.828 |
| Tbl1x | Nrip1 | 0.828 |
| Tbrg1 | Ngfr | 0.828 |
| Casp8 | Flt3 | 0.828 |
| Rfwd2 | Fasn | 0.827 |
| Mef2a | Ppp2ca | 0.827 |
| Map2k4 | Cd40 | 0.827 |
| Shc1 | Dok2 | 0.827 |
| Epc1 | Atf2 | 0.827 |
| Krt10 | Ahi1 | 0.827 |
| Gbbp1 | Mitf | 0.827 |
| Dok1 | Nck2 | 0.827 |
| Cd40 | Traf3 | 0.827 |
| Dcx | Dclk1 | 0.827 |
| Rnh1 | Hba-a1 | 0.827 |
| Cd2ap | Ccnb1 | 0.827 |
| Zbtb7c | Hdac3 | 0.827 |
| Psmb5 | Myh3 | 0.827 |
| Psmb4 | Stam2 | 0.827 |
| Psmb1 | Calm2 | 0.827 |
| Tcerg1 | Hnrnpab | 0.827 |
| Tcerg1 | 2500003M1C | 0.827 |
| Usp2 | Uimc1 | 0.827 |
| Sod1 | Ar | 0.827 |
| Sod1 | Gria2 | 0.827 |
| Sod1 | Gli3 | 0.827 |
| Ssbp3 | Lhx9 | 0.827 |
| Pura | Actr1a | 0.827 |
| Pura | Ppp2ca | 0.827 |
| Ahi1 | Rps27a | 0.827 |
| Tle1 | Zfp521 | 0.827 |
| Ldb2 | Lmx1a | 0.827 |
| Lmx1b | Zfp446 | 0.827 |
| Hnf1a | Brpf1 | 0.827 |
| Hnf1a | Foxh1 | 0.827 |
| Tcf12 | Cops5 | 0.827 |
| Naglu | Aco1 | 0.827 |
| Naglu | Ccr9 | 0.827 |
| Max | Tpi1 | 0.827 |
| Mapt | Dusp1 | 0.827 |
| Hspa8 | Myd88 | 0.827 |

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| Ncoa1 | Nrip1 | 0.827 |
| Nr6a1 | Dnmt3b | 0.827 |
| Tle4 | Msx1 | 0.827 |
| Mixl1 | Tardbp | 0.827 |
| Stat3 | Tmf1 | 0.827 |
| Magi2 | Vdr | 0.827 |
| Cenpv | Mog | 0.827 |
| Ube2n | Map3k1 | 0.827 |
| Stat5a | Agap2 | 0.827 |
| Eya1 | Neurod1 | 0.827 |
| Pparg | Lhb | 0.827 |
| Ppargc1a | Hoxb1 | 0.827 |
| Trip4 | Med16 | 0.827 |
| Zfp110 | Flt1 | 0.827 |
| Syn2 | Ppp1cc | 0.827 |
| Grin2a | Notch4 | 0.827 |
| Hba-a1 | Eif3e | 0.827 |
| Cc2d2a | Tuba1b | 0.827 |
| Suz12 | Uqcrc1 | 0.827 |
| Rps13 | Cycs | 0.827 |
| VeZF1 | Hoxa2 | 0.827 |
| Bag1 | Tcf4 | 0.826 |
| Bag1 | Hoxa9 | 0.826 |
| B2m | Ntrk1 | 0.826 |
| Mecp2 | Polr3f | 0.826 |
| Mecp2 | Tet2 | 0.826 |
| Psm4 | Calm2 | 0.826 |
| Epha2 | Dsg1a | 0.826 |
| Epha2 | Prss1 | 0.826 |
| Epc1 | Rarb | 0.826 |
| Cd40 | Ikbkg | 0.826 |
| Rnh1 | Calm2 | 0.826 |
| Sin3b | Etv6 | 0.826 |
| Cry1 | Ezh2 | 0.826 |
| Id3 | Anxa2 | 0.826 |
| Psm5 | Actn1 | 0.826 |
| Pdia2 | Hsp90b1 | 0.826 |
| Usp2 | Grb10 | 0.826 |
| Usp2 | Ccar1 | 0.826 |
| Usp2 | Nos2 | 0.826 |
| Usp2 | Foxo3 | 0.826 |
| Sod1 | Krt2 | 0.826 |
| Sod1 | Cops4 | 0.826 |
| Sod1 | Prdm16 | 0.826 |
| Pura | Ppp1cb | 0.826 |
| Rai14 | Srebf1 | 0.826 |

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| Tle1 | Fos | 0.826 |
| Hnf1a | Tle6 | 0.826 |
| Naglu | Glt1d1 | 0.826 |
| Nr1i2 | Tial1 | 0.826 |
| Sox2 | Pdx1 | 0.826 |
| Etv6 | Sfpi1 | 0.826 |
| Egr2 | Tsg101 | 0.826 |
| Prkcd | Ntrk1 | 0.826 |
| Bhlhe41 | Neurog2 | 0.826 |
| Bhlhe41 | Ubb | 0.826 |
| Cenpv | Scmh1 | 0.826 |
| Hbb-b1 | Gnb2l1 | 0.826 |
| Hbb-b1 | Pdia6 | 0.826 |
| Aldoa | Cfl1 | 0.826 |
| Akr1b3 | Fbxo6 | 0.826 |
| Snca | Snap25 | 0.826 |
| Trip4 | Kat2b | 0.826 |
| Zfp110 | Tbk1 | 0.826 |
| Fancd2 | Uchl1 | 0.826 |
| Pbx2 | Meis1 | 0.826 |
| Smad2 | Myod1 | 0.826 |
| Hba-a1 | Eprs | 0.826 |
| Setx | Jarid2 | 0.826 |
| Med16 | Nkd2 | 0.826 |
| Gtf3c1 | Phf2 | 0.826 |
| Nup62 | Nxt1 | 0.826 |
| Gmnn | Spata24 | 0.826 |
| Casp8 | Mdm4 | 0.826 |
| Vezf1 | Strap | 0.826 |
| Topbp1 | Ints3 | 0.826 |
| Zfp263 | Zfp473 | 0.825 |
| Bag1 | Bag4 | 0.825 |
| Mapkbp1 | Mapk8ip3 | 0.825 |
| Mecp2 | Cebpb | 0.825 |
| Ttc7b | Efr3b | 0.825 |
| Psm4 | Krt2 | 0.825 |
| Sorbs1 | Map1lc3b | 0.825 |
| Sorbs1 | Insr | 0.825 |
| Pik3r1 | Irs2 | 0.825 |
| Cyfip2 | Abl2 | 0.825 |
| Epha2 | Yeats2 | 0.825 |
| Gpbp1 | Nfya | 0.825 |
| Cited4 | Pcbd1 | 0.825 |
| Cited4 | Trim35 | 0.825 |
| Meis3 | Jdp2 | 0.825 |
| Rnh1 | Shank3 | 0.825 |

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| Rnh1 | Ndufa4 | 0.825 |
| Rnh1 | Hist1h4a | 0.825 |
| Rnh1 | Mtap1a | 0.825 |
| Rnh1 | Nphp1 | 0.825 |
| Bcl11b | Atr | 0.825 |
| Actbl2 | Dsp | 0.825 |
| Id2 | Cdk1 | 0.825 |
| Id2 | Med16 | 0.825 |
| Homer1 | Grid2 | 0.825 |
| Psmb5 | Notch1 | 0.825 |
| Psmb5 | Atxn3 | 0.825 |
| Psmb4 | Phf20 | 0.825 |
| Psmb4 | Tnk2 | 0.825 |
| Psmb4 | Skil | 0.825 |
| Rac1 | Nf1 | 0.825 |
| Rac1 | Ctnnb1 | 0.825 |
| Usp2 | Mapt | 0.825 |
| Usp2 | Camk1 | 0.825 |
| Usp2 | Mcl1 | 0.825 |
| Eif3b | Ldb3 | 0.825 |
| Eif3b | Gm5414 | 0.825 |
| Eif3b | Hnrnpa1 | 0.825 |
| Sod1 | Nr3c2 | 0.825 |
| Sod1 | Pklr | 0.825 |
| Sod1 | Was | 0.825 |
| Crk | Ywhah | 0.825 |
| Apba1 | Lin7c | 0.825 |
| Pcgf2 | Cbx7 | 0.825 |
| Traf6 | Ntrk1 | 0.825 |
| Traf6 | Stub1 | 0.825 |
| Hist2h4 | Ascl1 | 0.825 |
| Ldb2 | Tal2 | 0.825 |
| Naglu | Actn1 | 0.825 |
| Dusp1 | Ppp2cb | 0.825 |
| Birc3 | Flt3 | 0.825 |
| Prkce | Rps6ka3 | 0.825 |
| Bhlhe41 | Hist3h2a | 0.825 |
| Hbb-b1 | Rps13 | 0.825 |
| Cyld | Dlg1 | 0.825 |
| Akr1b3 | Krt73 | 0.825 |
| Sf3b2 | Zmym2 | 0.825 |
| Pparg | Pdgfrb | 0.825 |
| Ncoa6 | Mll2 | 0.825 |
| Trip4 | Zfp764 | 0.825 |
| Ubb | Nefm | 0.825 |
| H1f0 | Ccna1 | 0.825 |

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| Fancd2 | Gtf2f1 | 0.825 |
| Fancd2 | Csf1r | 0.825 |
| Dynll1 | Tuba1a | 0.825 |
| Map3k5 | Tax1bp1 | 0.825 |
| Cdk1 | Ccna1 | 0.825 |
| Rps13 | Psmc5 | 0.825 |
| Hist3h2a | Olig2 | 0.825 |
| Ubqln2 | Eef2 | 0.825 |
| Ptma | Ube2g2 | 0.825 |
| Gab1 | Tuba4a | 0.825 |
| Topbp1 | Nol12 | 0.825 |
| Topbp1 | Cytsb | 0.825 |
| Bag1 | Hadha | 0.824 |
| Bag1 | Grin1 | 0.824 |
| Map2k3 | Map2k6 | 0.824 |
| Mecp2 | Ubtf | 0.824 |
| Shc1 | Sla | 0.824 |
| Sorbs1 | Lyn | 0.824 |
| Sorbs1 | Flt1 | 0.824 |
| Als2 | Sqstm1 | 0.824 |
| Krt10 | Anxa1 | 0.824 |
| Gpbp1 | Taf6 | 0.824 |
| Smad9 | Psmc3 | 0.824 |
| Dok1 | Nck1 | 0.824 |
| Cul1 | Myog | 0.824 |
| Rnh1 | Eif4a2 | 0.824 |
| Rnh1 | Nap1l4 | 0.824 |
| Rnh1 | Ccar1 | 0.824 |
| Rnh1 | Aifm1 | 0.824 |
| Rnh1 | Myl12b | 0.824 |
| Rnh1 | Vdac2 | 0.824 |
| Bcl11b | Cd2ap | 0.824 |
| Bcl11b | Tcf12 | 0.824 |
| Bcl11b | Rps6ka3 | 0.824 |
| Bcl11b | Psmc2 | 0.824 |
| Myl9 | Pex19 | 0.824 |
| Actbl2 | Mph1 | 0.824 |
| Id3 | Hnf1a | 0.824 |
| Cd2ap | Hck | 0.824 |
| Psb5 | Traf3 | 0.824 |
| Psb5 | Ntrk2 | 0.824 |
| Psb5 | Mycn | 0.824 |
| Psb5 | Sh3gl2 | 0.824 |
| Psb4 | Ripk1 | 0.824 |
| Psb1 | Mms19 | 0.824 |
| LOC677235 | Ybx1 | 0.824 |

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| Usp2 | Psma7 | 0.824 |
| Usp2 | Tab3 | 0.824 |
| Eif3b | Eprs | 0.824 |
| Eif3b | Asap2 | 0.824 |
| Sfrs2 | Fus | 0.824 |
| Crkl | Cblb | 0.824 |
| Rab3d | Usp9x | 0.824 |
| Pura | Psma1 | 0.824 |
| Pura | Cdk1 | 0.824 |
| Rai14 | Pdcd6 | 0.824 |
| Rai14 | Neurog2 | 0.824 |
| Pbx3 | Hoxa6 | 0.824 |
| Efs | Cav3 | 0.824 |
| Egr1 | Irak1 | 0.824 |
| Mixl1 | Hoxd12 | 0.824 |
| Prkce | Mcl1 | 0.824 |
| Bhlhe41 | Ddx5 | 0.824 |
| Cenpv | Csnk2b | 0.824 |
| Ube2i | Sfn | 0.824 |
| Ube2i | Daxx | 0.824 |
| Ube2e3 | Ube2g2 | 0.824 |
| Cyld | Nfkbia | 0.824 |
| Cyld | Ulk1 | 0.824 |
| Akr1b3 | Anxa1 | 0.824 |
| Akr1b3 | Ubqln2 | 0.824 |
| Pparg | Bat1a | 0.824 |
| Ppargc1a | Jun | 0.824 |
| Trip4 | Ddx5 | 0.824 |
| Kdm4c | Lass2 | 0.824 |
| Ubb | Prdx1 | 0.824 |
| Ubb | Tsc22d3 | 0.824 |
| Klf10 | Smad5 | 0.824 |
| Ddx5 | Smad2 | 0.824 |
| Dynll1 | Pcbp1 | 0.824 |
| Map3k5 | Rnf11 | 0.824 |
| Eif4a1 | Atp5d | 0.824 |
| Hba-a1 | Cycs | 0.824 |
| Hba-a1 | Hnrnpa1 | 0.824 |
| Lrp1 | Dlg4 | 0.824 |
| Suz12 | Pcna | 0.824 |
| Suz12 | Psme3 | 0.824 |
| Suz12 | Vav1 | 0.824 |
| Rps13 | Tceb2 | 0.824 |
| Rpl7 | Rps3 | 0.824 |
| Topbp1 | Tuba1c | 0.824 |
| Bat1a | Prkcsh | 0.824 |

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| Msx2 | Runx2 | 0.824 |
| Socs3 | Tceb1 | 0.823 |
| Dvl2 | Pklr | 0.823 |
| Bag1 | Smad3 | 0.823 |
| Mecp2 | Rb1 | 0.823 |
| Psma4 | Hsph1 | 0.823 |
| Psma4 | Krt73 | 0.823 |
| Psma4 | Pcbp1 | 0.823 |
| Krt10 | Flnc | 0.823 |
| Krt10 | Atp5a1 | 0.823 |
| Cd40 | Ube2n | 0.823 |
| Bcl11b | Pkm2 | 0.823 |
| Id2 | Pdlim4 | 0.823 |
| Id3 | Try10 | 0.823 |
| Id3 | Ccar1 | 0.823 |
| Irf8 | Fos | 0.823 |
| Id1 | Smad4 | 0.823 |
| Cd2ap | Nde1 | 0.823 |
| Psbm5 | Krt76 | 0.823 |
| Psbm5 | Ppp2cb | 0.823 |
| Psbm5 | Sfn | 0.823 |
| Psbm4 | Actn1 | 0.823 |
| Psm7 | Psm14 | 0.823 |
| Invs | Myh9 | 0.823 |
| Usp2 | Mll1 | 0.823 |
| Usp2 | Ctnnb1 | 0.823 |
| Usp2 | Atxn3 | 0.823 |
| Eif3b | Syncrin | 0.823 |
| Eif3b | Ube2v1 | 0.823 |
| Eif3b | Ubqln2 | 0.823 |
| Sod1 | Krt15 | 0.823 |
| Lmn1 | Ik | 0.823 |
| Iqcb1 | Rps27a | 0.823 |
| Crkl | Rapgef1 | 0.823 |
| Traf6 | Htt | 0.823 |
| Traf6 | Jun | 0.823 |
| Rab7 | Bat1a | 0.823 |
| Rab3d | Aldoa | 0.823 |
| Pura | Ywhag | 0.823 |
| Tle1 | E2f1 | 0.823 |
| Ldb2 | Lhx2 | 0.823 |
| Naglu | Abca8a | 0.823 |
| Pdia3 | Tubb4 | 0.823 |
| Sox2 | Msx2 | 0.823 |
| Mapt | Vcp | 0.823 |
| Egr2 | Sncg | 0.823 |

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| Bcl10 | Irak1 | 0.823 |
| Tmf1 | Stat5a | 0.823 |
| Tmf1 | Ski | 0.823 |
| Eya3 | Smad4 | 0.823 |
| Neurl2 | Cryge | 0.823 |
| Nbr1 | Itga5 | 0.823 |
| Ncam1 | E130012A19 | 0.823 |
| Prkca | Lepr | 0.823 |
| Cenpv | Ptrf | 0.823 |
| Ube2n | Tax1bp1 | 0.823 |
| Hbb-b1 | Psmc2 | 0.823 |
| Kdm4c | Hes6 | 0.823 |
| Zfp110 | Junb | 0.823 |
| Phc3 | Hist3h2a | 0.823 |
| Irak1 | Peli2 | 0.823 |
| Smarcae1 | Brca1 | 0.823 |
| Syn2 | Hsp90ab1 | 0.823 |
| Smad2 | Mdm4 | 0.823 |
| Dll4 | Dll1 | 0.823 |
| Rps13 | Ube2v2 | 0.823 |
| Hoxd10 | Olig1 | 0.823 |
| Ccna2 | Cdkn1b | 0.823 |
| Zfp277 | Phf17 | 0.823 |
| Itpr3 | Flot1 | 0.823 |
| Mef2c | Gli2 | 0.823 |
| Casp8 | Cttn | 0.823 |
| Topbp1 | Ap3s1 | 0.823 |
| Map2k4 | Mapk8 | 0.822 |
| Mecp2 | Per1 | 0.822 |
| Npm1 | Trp53 | 0.822 |
| Epha2 | Anxa1 | 0.822 |
| Epc1 | Bcl11b | 0.822 |
| Gpbp1 | Lyn | 0.822 |
| Cited4 | Sfpi1 | 0.822 |
| Rnh1 | Thrap3 | 0.822 |
| Bcl11b | Kat2a | 0.822 |
| Bcl11b | Tle6 | 0.822 |
| Bcl11b | Hif1a | 0.822 |
| Myl9 | Itgb5 | 0.822 |
| Cry2 | Arntl | 0.822 |
| Id3 | Naca | 0.822 |
| Id1 | Ar | 0.822 |
| Cd2ap | Vcp | 0.822 |
| Psmb5 | Arntl | 0.822 |
| Psmb4 | Tuba1b | 0.822 |
| Fbxl2 | Tcp1 | 0.822 |

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| Usp2 | Arntl | 0.822 |
| Usp2 | Vdac1 | 0.822 |
| Usp2 | Rnf14 | 0.822 |
| Pcbd1 | Hnf1b | 0.822 |
| Eif3b | Pkp1 | 0.822 |
| Sod1 | Pik3ca | 0.822 |
| Sod1 | Anxa2 | 0.822 |
| Lmnb1 | Rbm10 | 0.822 |
| Taf3 | Hmga1 | 0.822 |
| Gata3 | Ppara | 0.822 |
| Mxi1 | Smad5 | 0.822 |
| Abl1 | Dok3 | 0.822 |
| Rab5b | Cdc37 | 0.822 |
| Rab6 | Rab27a | 0.822 |
| Rab3d | Cdh13 | 0.822 |
| Pura | G3bp1 | 0.822 |
| Pura | Rbm3 | 0.822 |
| Ldb1 | Ciita | 0.822 |
| Skp1a | Fbxw7 | 0.822 |
| Pias3 | Sp3 | 0.822 |
| ErbB2 | Egfr | 0.822 |
| Ccne1 | H1 | 0.822 |
| Sox2 | Ifrd1 | 0.822 |
| Sox2 | Cdh1 | 0.822 |
| Zfp236 | Nr0b2 | 0.822 |
| Dnajb6 | Map2k7 | 0.822 |
| Egr2 | Cyld | 0.822 |
| Mixl1 | Hoxa9 | 0.822 |
| Nfkbiz | Nfkb1 | 0.822 |
| Magi2 | Snai1 | 0.822 |
| Nbr1 | Cebpa | 0.822 |
| Aph1b | Mbp | 0.822 |
| Cyld | Zfp110 | 0.822 |
| Aldoa | Hspb1 | 0.822 |
| Aldoa | Dnajb1 | 0.822 |
| Aldoa | Hnrnpm | 0.822 |
| Stat5a | Jak2 | 0.822 |
| Efna1 | Sbds | 0.822 |
| Zfp473 | Foxp1 | 0.822 |
| Pparg | Cblb | 0.822 |
| Ppargc1a | Hdac3 | 0.822 |
| Kdm4c | Jun | 0.822 |
| Ubb | Hspa9 | 0.822 |
| Ubb | Tuba4a | 0.822 |
| Fancd2 | Nfatc1 | 0.822 |
| Syn2 | Cbl | 0.822 |

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| Syn2 | Hspa1b | 0.822 |
| Was | Dlg1 | 0.822 |
| Map3k5 | Mapk8ip2 | 0.822 |
| Med16 | Trp73 | 0.822 |
| Rps13 | Eno3 | 0.822 |
| Rps13 | Myl12b | 0.822 |
| Zfp277 | Hoxb4 | 0.822 |
| Ltbr | Tax1bp1 | 0.822 |
| Topbp1 | Utp15 | 0.822 |
| Fasn | Elf1 | 0.822 |
| Map2k4 | Tlr4 | 0.821 |
| Gtf2a1l | Sox8 | 0.821 |
| Shc3 | Dlg2 | 0.821 |
| Psm4 | Tuba1b | 0.821 |
| Sorbs1 | Irs1 | 0.821 |
| Sorbs1 | Cav3 | 0.821 |
| Gppp1 | Sfpi1 | 0.821 |
| Gppp1 | Msx1 | 0.821 |
| Cited4 | Aebp2 | 0.821 |
| Cul1 | Fbxl20 | 0.821 |
| Myl9 | Ttc4 | 0.821 |
| Gtf2a1 | Hnf1a | 0.821 |
| Irf8 | Cebpa | 0.821 |
| Id1 | Ascl3 | 0.821 |
| Cd2ap | Sla | 0.821 |
| Ssbp2 | Lmx1a | 0.821 |
| Psmb5 | Krt73 | 0.821 |
| Psmb4 | ErbB2 | 0.821 |
| Psmb1 | Rcn2 | 0.821 |
| Psmb1 | Pcbp1 | 0.821 |
| Invs | Tubb5 | 0.821 |
| Usp2 | NlrX1 | 0.821 |
| Usp2 | Csnk1d | 0.821 |
| Usp2 | Usp8 | 0.821 |
| Usp2 | Casp3 | 0.821 |
| Usp2 | Cebpa | 0.821 |
| Eif3b | Rps4x | 0.821 |
| Eif3b | Cycs | 0.821 |
| Sod1 | Pten | 0.821 |
| Sod1 | Mdm4 | 0.821 |
| Lmnb1 | Mtap | 0.821 |
| Lmnb1 | Larp4b | 0.821 |
| Cdk5 | Ccne1 | 0.821 |
| Traf6 | Lrrk2 | 0.821 |
| Zfp369 | Ntrk1 | 0.821 |
| Hist2h4 | Rpsa | 0.821 |

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| Rai14 | Zfp592 | 0.821 |
| Tle1 | Eed | 0.821 |
| Ldb2 | Lmo1 | 0.821 |
| Pias3 | Msx1 | 0.821 |
| Sox2 | Pax3 | 0.821 |
| Sox2 | Hist4h4 | 0.821 |
| Birc2 | Map2k7 | 0.821 |
| Tmf1 | Nbr1 | 0.821 |
| Eya3 | Leo1 | 0.821 |
| Prkce | Clybl | 0.821 |
| Ptpnc | Cdh17 | 0.821 |
| Rb1 | Ppp1cc | 0.821 |
| Cyld | Smad2 | 0.821 |
| Ankrd17 | Tfrc | 0.821 |
| Aldoa | Gnb2l1 | 0.821 |
| Tirap | Cblb | 0.821 |
| Snap25 | Vamp2 | 0.821 |
| Trip4 | Trim27 | 0.821 |
| Trip4 | Med20 | 0.821 |
| Phc3 | Sp3 | 0.821 |
| Dynll1 | Trim2 | 0.821 |
| Syn2 | Mark4 | 0.821 |
| Eif4a1 | Telo2 | 0.821 |
| Trim30 | Ulk1 | 0.821 |
| Hba-a1 | Gm5414 | 0.821 |
| Sufu | Sap18 | 0.821 |
| Ifrd1 | Sp1 | 0.821 |
| Mapk7 | Slc34a1 | 0.821 |
| Mapk7 | Ryk | 0.821 |
| Lef1 | Smarcd3 | 0.821 |
| Topbp1 | Rbm5 | 0.821 |
| Foxh1 | Dlx5 | 0.821 |
| Socs3 | Tceb2 | 0.82 |
| Bag1 | Atp6v0d2 | 0.82 |
| Bag1 | Cops5 | 0.82 |
| Mapkbp1 | Cd40 | 0.82 |
| Map2k4 | Myd88 | 0.82 |
| Mecp2 | Sin3b | 0.82 |
| Mecp2 | Gata4 | 0.82 |
| Tnfaip3 | Ube2d3 | 0.82 |
| Pma4 | Dynll1 | 0.82 |
| Shc1 | Dab1 | 0.82 |
| Als2 | Klhl17 | 0.82 |
| Mark2 | Ywhah | 0.82 |
| Gpbp1 | Gtf2a1 | 0.82 |
| Rad51 | Bclaf1 | 0.82 |

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| Cited4 | Mtf2 | 0.82 |
| Meis3 | Pbx4 | 0.82 |
| Rnh1 | Atp5b | 0.82 |
| Rnh1 | Pkm2 | 0.82 |
| Bcl11b | Kat5 | 0.82 |
| Bcl11b | Gata4 | 0.82 |
| Myl9 | Tbrg1 | 0.82 |
| Id2 | Foxp1 | 0.82 |
| Id2 | Zfp292 | 0.82 |
| Id2 | Cebpa | 0.82 |
| Id2 | Runx2 | 0.82 |
| Id3 | Krt16 | 0.82 |
| Id3 | Tubb6 | 0.82 |
| Id1 | Ep300 | 0.82 |
| Psmb4 | Nr1h3 | 0.82 |
| Tcerg1 | Gli2 | 0.82 |
| LOC677235 | Exoc4 | 0.82 |
| Usp2 | Msx2 | 0.82 |
| Usp2 | Rer1 | 0.82 |
| Eif3b | Nrip2 | 0.82 |
| Eif3b | Rpsa | 0.82 |
| Lmnb1 | Nup88 | 0.82 |
| Lmnb1 | Cbx5 | 0.82 |
| Lmnb1 | Trim28 | 0.82 |
| Hand1 | Sox15 | 0.82 |
| Traf2 | Map3k5 | 0.82 |
| Traf6 | Igf1r | 0.82 |
| Traf6 | Ski | 0.82 |
| Rab5b | Mbp | 0.82 |
| Pura | Usp8 | 0.82 |
| Pura | Casp3 | 0.82 |
| Pclo | Rims2 | 0.82 |
| Sos1 | Spry1 | 0.82 |
| Zfp354a | Myb | 0.82 |
| Pias3 | Polr2a | 0.82 |
| Sox2 | Smarca4 | 0.82 |
| Ndel1 | Myo5a | 0.82 |
| Egr2 | Ube4b | 0.82 |
| Xiap | Map3k2 | 0.82 |
| Stat3 | Irak1 | 0.82 |
| Tmf1 | Mc4r | 0.82 |
| Nbr1 | Eif2c2 | 0.82 |
| Nbr1 | Prkcsh | 0.82 |
| Hbb-b1 | Cycs | 0.82 |
| Aldoa | Hnrnpf | 0.82 |
| Aldoa | Ptrf | 0.82 |

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| Aldoa | Fbln2 | 0.82 |
| Aldoa | Hnrnpk | 0.82 |
| Sf3b2 | Zfp128 | 0.82 |
| Pparg | Nr5a1 | 0.82 |
| Pparg | Insr | 0.82 |
| Ppargc1a | Tgfb1i1 | 0.82 |
| Kdm4c | Lhx9 | 0.82 |
| Zfp110 | Msx2 | 0.82 |
| Zfp110 | Uimc1 | 0.82 |
| H1f0 | Foxp1 | 0.82 |
| Fancd2 | Ube4b | 0.82 |
| Thoc4 | Ccnb1 | 0.82 |
| Itpr1 | Grid2 | 0.82 |
| Smad2 | Ndfip1 | 0.82 |
| Smad2 | Hoxa10 | 0.82 |
| Fkbp14 | Rpsa | 0.82 |
| Hba-a1 | Rpl7 | 0.82 |
| Suz12 | Gtf2b | 0.82 |
| Suz12 | Ldhd | 0.82 |
| Rps13 | Pcbp1 | 0.82 |
| Rps13 | Ap2m1 | 0.82 |
| Ubqln2 | Hnrnpk | 0.82 |
| Lrrk2 | Ctnnb1 | 0.82 |
| Gmnn | Taf1c | 0.82 |
| Fbxw7 | Pin1 | 0.82 |
| Bag1 | Sirt1 | 0.819 |
| B2m | Stam2 | 0.819 |
| Map2k6 | Vav1 | 0.819 |
| Mecp2 | Sirt1 | 0.819 |
| Mecp2 | Gfi1b | 0.819 |
| Mecp2 | Jun | 0.819 |
| Btrc | Reg1 | 0.819 |
| Psm4 | Ubxn2b | 0.819 |
| Shc1 | Shank3 | 0.819 |
| Shc1 | Jak2 | 0.819 |
| Als2 | Arc | 0.819 |
| Rarg | Cebpa | 0.819 |
| Gpbp1 | Sp3 | 0.819 |
| Irf9 | Hoxb8 | 0.819 |
| Stk38 | Ezh1 | 0.819 |
| Synj1 | Park2 | 0.819 |
| Lancl2 | Slc25a5 | 0.819 |
| Rnh1 | Pkp1 | 0.819 |
| Bcl11b | Cdk6 | 0.819 |
| Bcl11b | Gata3 | 0.819 |
| Bcl11b | Ssbp3 | 0.819 |

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| Bcl11b | Cebpa | 0.819 |
| Sgk1 | Scn8a | 0.819 |
| Sgk1 | Scnn1a | 0.819 |
| Sin3a | Phf12 | 0.819 |
| Id2 | Phf2 | 0.819 |
| Id3 | Brca1 | 0.819 |
| Cd2ap | Herpud1 | 0.819 |
| Cd2ap | Gtf3c1 | 0.819 |
| Homer1 | Grm5 | 0.819 |
| Psmb5 | Mcl1 | 0.819 |
| LOC677235 | Inpp5e | 0.819 |
| Eif3b | Akr1b3 | 0.819 |
| Eif3b | Ckm | 0.819 |
| Eif3b | Eif4b | 0.819 |
| Psen1 | Notch3 | 0.819 |
| Kit | Jak2 | 0.819 |
| Traf3 | Tlr4 | 0.819 |
| Rab5b | Arhgef7 | 0.819 |
| Pura | Skp2 | 0.819 |
| Ripk1 | Tax1bp1 | 0.819 |
| Nkx3-2 | Ikbkb | 0.819 |
| Hnf1a | Ncor2 | 0.819 |
| Hist1h1a | Ccne1 | 0.819 |
| Utrn | Sgcd | 0.819 |
| Esr1 | Map1lc3b | 0.819 |
| Mtf2 | Med16 | 0.819 |
| Xiap | Pten | 0.819 |
| Nbr1 | Ccar1 | 0.819 |
| Tab2 | Tmem115 | 0.819 |
| Ube2i | Zfp277 | 0.819 |
| Pax3 | Lef1 | 0.819 |
| Sf3b2 | Mecom | 0.819 |
| Ubb | Pbx4 | 0.819 |
| Ubb | Prpf31 | 0.819 |
| Tek | Gab2 | 0.819 |
| Fancd2 | Itpr1 | 0.819 |
| Snapc4 | Olig1 | 0.819 |
| Snapc4 | Rorc | 0.819 |
| Gtf3c1 | Suz12 | 0.819 |
| Angptl2 | Fez1 | 0.819 |
| Slc25a4 | Pdia6 | 0.819 |
| Rps13 | Rpl7 | 0.819 |
| Ubqln2 | Myh1 | 0.819 |
| Lmo3 | Tal1 | 0.819 |
| Cdk2 | Cdkn1a | 0.819 |
| Nrip1 | Lass2 | 0.819 |

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| Topbp1 | Cdc5l | 0.819 |
| Topbp1 | Fam98a | 0.819 |
| Fbxw8 | Cul1 | 0.818 |
| Dvl2 | Smurf1 | 0.818 |
| Bag1 | Pxn | 0.818 |
| Bag1 | Tollip | 0.818 |
| Mef2a | Pbx1 | 0.818 |
| Mef2a | Runx2 | 0.818 |
| Map2k4 | Map2k7 | 0.818 |
| Mecp2 | Tcf21 | 0.818 |
| Mecp2 | Pax3 | 0.818 |
| Gtf2a1l | Zfp292 | 0.818 |
| Shcbp1 | Mov10 | 0.818 |
| Shc1 | Crkl | 0.818 |
| Shc1 | Sh3bp2 | 0.818 |
| Als2 | Dlg4 | 0.818 |
| Flna | Myh9 | 0.818 |
| Flna | Krt2 | 0.818 |
| Cited4 | Ets2 | 0.818 |
| Phc1 | Mapkapk2 | 0.818 |
| Rnh1 | Eif4b | 0.818 |
| Bcl11b | H1f0 | 0.818 |
| Sgk1 | Scn10a | 0.818 |
| Sgca | Nos1 | 0.818 |
| Actbl2 | Myh3 | 0.818 |
| Id2 | Tsc22d3 | 0.818 |
| Id3 | Ncl | 0.818 |
| Id1 | Cdkn1b | 0.818 |
| Cd2ap | Psmc7 | 0.818 |
| Raf1 | Gab1 | 0.818 |
| Psmc5 | Ptk2 | 0.818 |
| Psmc5 | Smurf1 | 0.818 |
| Psmc5 | Hspb1 | 0.818 |
| Psmc4 | Casp8 | 0.818 |
| Psmc1 | Actn1 | 0.818 |
| Rac1 | Camk2b | 0.818 |
| Usp2 | Stat3 | 0.818 |
| Usp2 | Bcr | 0.818 |
| Usp2 | Cttn | 0.818 |
| Hnrnpa2b1 | Cct2 | 0.818 |
| Eif3b | Ptrf | 0.818 |
| Eif3b | Nr1h4 | 0.818 |
| Sod1 | Krt79 | 0.818 |
| Rab3d | Ptrf | 0.818 |
| Pura | Rps16 | 0.818 |
| Pura | Ewsr1 | 0.818 |

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| Ldb1 | Med16 | 0.818 |
| Hnf1a | Kat2b | 0.818 |
| Naglu | Actn4 | 0.818 |
| Naglu | Cdc7 | 0.818 |
| Psen2 | Sri | 0.818 |
| Usp9x | Gnao1 | 0.818 |
| Bcl6 | Rxrg | 0.818 |
| Max | Zfp111 | 0.818 |
| Sox2 | Reg1 | 0.818 |
| Sox2 | Phf12 | 0.818 |
| Mapt | Erg | 0.818 |
| Mtf2 | Rps27a | 0.818 |
| Etv6 | Rrm1 | 0.818 |
| Zfp236 | Ssbp4 | 0.818 |
| Egr2 | Nfe2l2 | 0.818 |
| Mixl1 | Gtf2e2 | 0.818 |
| Nbr1 | Casp3 | 0.818 |
| Nbr1 | Tardbp | 0.818 |
| Ncam1 | Hspa5 | 0.818 |
| Hbb-b1 | Rpl22 | 0.818 |
| Aldoa | Nr0b2 | 0.818 |
| Pax5 | Myb | 0.818 |
| Ncoa6 | Morf4l1 | 0.818 |
| Zfp110 | Rer1 | 0.818 |
| Zfpm1 | Rbl2 | 0.818 |
| Irak1 | Il1rap | 0.818 |
| Grin2a | Kcnd2 | 0.818 |
| Smad2 | Flt3 | 0.818 |
| Suz12 | Vdac1 | 0.818 |
| Rps13 | Asap2 | 0.818 |
| Rps13 | Hnrnpa1 | 0.818 |
| Rpl7 | Pdlim7 | 0.818 |
| Tbrg1 | Rpl9 | 0.818 |
| Tbp | Taf1c | 0.818 |
| Casp8 | Hras1 | 0.818 |
| Casp8 | Cebpb | 0.818 |
| Topbp1 | Aplf | 0.818 |
| Topbp1 | Zfml | 0.818 |
| Bag1 | Cenpv | 0.817 |
| Bag1 | Uqcrc1 | 0.817 |
| Mecp2 | Bsx | 0.817 |
| Mecp2 | Dzip3 | 0.817 |
| Mecp2 | Ankra2 | 0.817 |
| Gtf2a1l | Phf17 | 0.817 |
| Psm4 | Rnh1 | 0.817 |
| Shc1 | Spag9 | 0.817 |

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| Shc1 | Cd300a | 0.817 |
| Shc1 | Skp2 | 0.817 |
| Epha2 | Flnc | 0.817 |
| Rarg | Tle6 | 0.817 |
| Rad51 | Fasn | 0.817 |
| Cited4 | Hoxb1 | 0.817 |
| Cd40 | Mapk8 | 0.817 |
| Rnh1 | Psmb1 | 0.817 |
| Rnh1 | Fbxo6 | 0.817 |
| Rnh1 | Clta | 0.817 |
| Actbl2 | Rplp0 | 0.817 |
| Id2 | Zfp277 | 0.817 |
| Irf8 | Fas | 0.817 |
| Cd2ap | Map1lc3b | 0.817 |
| Psmb5 | Ctcf | 0.817 |
| Psmb4 | Keap1 | 0.817 |
| Psmb4 | Sykb | 0.817 |
| Tcerg1 | Nid2 | 0.817 |
| Tcerg1 | Ctnnb1 | 0.817 |
| Usp2 | Hdac6 | 0.817 |
| Usp2 | Gli3 | 0.817 |
| Usp2 | Epas1 | 0.817 |
| Eif3b | Mdh2 | 0.817 |
| Sod1 | Ptk2 | 0.817 |
| Sod1 | Hspa8 | 0.817 |
| Ahi1 | Krt2 | 0.817 |
| Ripk1 | Cyld | 0.817 |
| Rai14 | Phf17 | 0.817 |
| Sox2 | Slc1a2 | 0.817 |
| Sox2 | Ulk1 | 0.817 |
| Mapt | Ilk | 0.817 |
| Mapt | Stat3 | 0.817 |
| Dnajb6 | Rps6ka3 | 0.817 |
| Rnf19a | Sufu | 0.817 |
| Egr2 | Xiap | 0.817 |
| Mixl1 | Dlx5 | 0.817 |
| Mixl1 | Dmrtc2 | 0.817 |
| Cops8 | Gsk3b | 0.817 |
| Nbr1 | Map3k2 | 0.817 |
| Nbr1 | Rer1 | 0.817 |
| Prkcb | Neurod1 | 0.817 |
| Prkce | Diap1 | 0.817 |
| Cenpv | Suz12 | 0.817 |
| Ube2i | Phf2 | 0.817 |
| Hbb-b1 | Anxa1 | 0.817 |
| Hbb-b1 | Cops4 | 0.817 |

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| Cyld | Ndfip1 | 0.817 |
| Aldoa | Tuba1a | 0.817 |
| Akr1b3 | Tubb6 | 0.817 |
| Cbx1 | Trim28 | 0.817 |
| Sf3b2 | Hif1a | 0.817 |
| Pparg | Ripk2 | 0.817 |
| Rhoq | Pxn | 0.817 |
| Zfp110 | Slc1a2 | 0.817 |
| Capn2 | Dusp3 | 0.817 |
| Eif4a1 | Pdia6 | 0.817 |
| Eif4a1 | Eif3e | 0.817 |
| Rbx1 | Sf3b1 | 0.817 |
| Itpr1 | Nploc4 | 0.817 |
| Gps1 | Uchl1 | 0.817 |
| Suz12 | Morc3 | 0.817 |
| Suz12 | Aebp2 | 0.817 |
| Hdac3 | Jun | 0.817 |
| Sertad1 | Lass2 | 0.817 |
| Zfp277 | Gtf2h2 | 0.817 |
| Zfp277 | Dlx5 | 0.817 |
| Cul5 | Socs2 | 0.817 |
| Lef1 | Cdh1 | 0.817 |
| Map2k3 | Dusp2 | 0.816 |
| Tnfaip3 | Ripk1 | 0.816 |
| Psm4 | Krt15 | 0.816 |
| Shc1 | Tyk2 | 0.816 |
| Sorbs1 | Sla2 | 0.816 |
| Pik3r1 | Grb10 | 0.816 |
| Hist1h1e | Cbx3 | 0.816 |
| Epha2 | Lin54 | 0.816 |
| Usf1 | Etv4 | 0.816 |
| Bcl11b | Snap25 | 0.816 |
| Bcl11b | Itpr1 | 0.816 |
| Bcl11b | Cebpb | 0.816 |
| MyI9 | Nucb1 | 0.816 |
| MyI9 | Hap1 | 0.816 |
| Tcf3 | Smarca4 | 0.816 |
| Per2 | Per3 | 0.816 |
| Id2 | Olig2 | 0.816 |
| Id3 | Actb | 0.816 |
| Cd2ap | Ptpn11 | 0.816 |
| Psm5 | Nr1h3 | 0.816 |
| Rac1 | Ctnn | 0.816 |
| Smad6 | Runx2 | 0.816 |
| LOC677235 | Wdr37 | 0.816 |
| Usp2 | Sod1 | 0.816 |

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| Usp2 | Scn8a | 0.816 |
| Usp2 | Scnn1a | 0.816 |
| Usp2 | Sirt1 | 0.816 |
| Usp2 | Gsc | 0.816 |
| Usp2 | Ripk2 | 0.816 |
| Usp2 | Cdh1 | 0.816 |
| Eif3b | Rpl7 | 0.816 |
| Sod1 | Ski | 0.816 |
| Sod1 | Flt3 | 0.816 |
| Lmnb1 | Nup214 | 0.816 |
| Lmnb1 | Tor1aip1 | 0.816 |
| Lmnb1 | Top2a | 0.816 |
| Nkx2-5 | Mef2c | 0.816 |
| Itgb1bp2 | Hsp90aa1 | 0.816 |
| Traf6 | Ndn | 0.816 |
| Traf6 | Grin1 | 0.816 |
| Rab5b | Taok1 | 0.816 |
| Bub1 | Dapk1 | 0.816 |
| Pura | Hist1h1a | 0.816 |
| Pura | Ina | 0.816 |
| Ahi1 | Tubb5 | 0.816 |
| Bax | Ppp1cc | 0.816 |
| Naglu | Hnrnpf | 0.816 |
| Naglu | Nisch | 0.816 |
| Max | Trim32 | 0.816 |
| Mapt | Calr | 0.816 |
| Mtf1 | Ssbp4 | 0.816 |
| Mtf2 | Aebp2 | 0.816 |
| Mtf2 | Hdac10 | 0.816 |
| Dnajb6 | Myocd | 0.816 |
| Pou2f1 | Aes | 0.816 |
| Flnc | Hist1h2ai | 0.816 |
| Birc3 | Mapk8ip1 | 0.816 |
| Actb | Nphp1 | 0.816 |
| Tmf1 | Map3k2 | 0.816 |
| Nbr1 | Cebpb | 0.816 |
| Prkce | Fus | 0.816 |
| Ube2l3 | Chuk | 0.816 |
| Aldoa | Myo1c | 0.816 |
| Akr1b3 | Myog | 0.816 |
| Akr1b3 | Rps13 | 0.816 |
| Trip4 | Snopc4 | 0.816 |
| Ubb | Cdh2 | 0.816 |
| Pxn | Arhgef7 | 0.816 |
| H1f0 | Plec | 0.816 |
| Fancd2 | Dnmt1 | 0.816 |

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| Thoc4 | Nr3c1 | 0.816 |
| Dbnl | Casp3 | 0.816 |
| Dynll1 | Calm2 | 0.816 |
| Dynll1 | Hspa4 | 0.816 |
| Dynll1 | Eprs | 0.816 |
| Map3k5 | Mapk14 | 0.816 |
| Smad4 | Lef1 | 0.816 |
| Hba-a1 | Mdh2 | 0.816 |
| Cblb | Nfatc1 | 0.816 |
| Suz12 | Atp5d | 0.816 |
| Pcna | Cdkn1a | 0.816 |
| Mcm6 | Lhx2 | 0.816 |
| Pdlim5 | Enah | 0.816 |
| Lef1 | Ctnna1 | 0.816 |
| Topbp1 | Ncapg2 | 0.816 |
| Topbp1 | Mphosph10 | 0.816 |
| Bat1a | Hras1 | 0.816 |
| Foxh1 | Dlx1 | 0.816 |
| Irf1 | Sumo1 | 0.816 |
| Bag1 | Hdac3 | 0.815 |
| Mecp2 | Rorc | 0.815 |
| Gtf2a1l | Nfkbia | 0.815 |
| Psma4 | Exoc4 | 0.815 |
| Shc1 | Inpp5d | 0.815 |
| Cited4 | Mixl1 | 0.815 |
| Mtap2 | Grin1 | 0.815 |
| Bcl11b | Atm | 0.815 |
| Sgk1 | Scn3a | 0.815 |
| Id3 | Rai14 | 0.815 |
| Id3 | Krt6a | 0.815 |
| Id3 | Ciita | 0.815 |
| Id3 | Tubb5 | 0.815 |
| Psbm5 | Pkd2 | 0.815 |
| Psbm5 | Myog | 0.815 |
| Psbm4 | Cct6a | 0.815 |
| Psbm4 | Ngfr | 0.815 |
| Psbm1 | Pcmt1 | 0.815 |
| Psbm1 | Rps27a | 0.815 |
| Usp2 | Mpl | 0.815 |
| Sod1 | Krt76 | 0.815 |
| Sod1 | Telo2 | 0.815 |
| Sod1 | Ulk1 | 0.815 |
| Atp6v1a | Traf6 | 0.815 |
| Gata4 | Med1 | 0.815 |
| Tle1 | Arntl | 0.815 |
| Tle1 | Kdm5b | 0.815 |

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| Psen2 | Eea1 | 0.815 |
| Esr1 | Sh3bp2 | 0.815 |
| Sox2 | Pparg | 0.815 |
| Mapt | Ube2n | 0.815 |
| Mtf2 | Thoc4 | 0.815 |
| Egr2 | Prkdc | 0.815 |
| Egr2 | Foxo3 | 0.815 |
| Gtf2e2 | Tardbp | 0.815 |
| Tmf1 | Fert2 | 0.815 |
| Tmf1 | Uchl1 | 0.815 |
| Gsc | Cacna1c | 0.815 |
| Crebbp | Rela | 0.815 |
| Nbr1 | Ube2n | 0.815 |
| Nbr1 | Ppp2cb | 0.815 |
| Nbr1 | Usp8 | 0.815 |
| Prkce | Calm1 | 0.815 |
| Bhlhe41 | Kat2b | 0.815 |
| Pparg | Nfe2l2 | 0.815 |
| Ubb | Myod1 | 0.815 |
| Tle6 | Foxp1 | 0.815 |
| Fancd2 | Prkdc | 0.815 |
| Map3k1 | Mapk8 | 0.815 |
| Eif4a1 | Rps13 | 0.815 |
| Smad2 | Cflar | 0.815 |
| Smad2 | Mycn | 0.815 |
| Hba-a1 | Hnrnpk | 0.815 |
| Cc2d2a | Krt42 | 0.815 |
| Suz12 | Rps13 | 0.815 |
| Rps13 | Ptrf | 0.815 |
| Iqgap1 | Cdc42 | 0.815 |
| Zfp277 | Phf2 | 0.815 |
| Zfp277 | H3f3a | 0.815 |
| Rpl7 | Hspa9 | 0.815 |
| Tbp | Sumo1 | 0.815 |
| Bat1a | Rab5a | 0.815 |
| Bat1a | Flt1 | 0.815 |
| Cd3e | Vav1 | 0.815 |
| Dll1 | Notch1 | 0.815 |
| Bag1 | Ldhb | 0.814 |
| Map2k4 | Chuk | 0.814 |
| Ptprq | Ctnna1 | 0.814 |
| Trim66 | Chaf1a | 0.814 |
| Rcor2 | Lmo3 | 0.814 |
| Ncstn | Hsp90b1 | 0.814 |
| Dok1 | Inpp5d | 0.814 |
| Cd40 | Birc3 | 0.814 |

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| Card11 | Sash1 | 0.814 |
| Rnh1 | Cep290 | 0.814 |
| Rnh1 | Mtap6 | 0.814 |
| Bcl11b | Ccnb1 | 0.814 |
| Actbl2 | Eef1g | 0.814 |
| Id3 | Bag2 | 0.814 |
| Id3 | Amfr | 0.814 |
| Id3 | Zdhhc15 | 0.814 |
| Cd2ap | Sh2b2 | 0.814 |
| Homer2 | Homer1 | 0.814 |
| Psmb5 | Smn1 | 0.814 |
| Psmb5 | Hsp90aa1 | 0.814 |
| Zfand2a | Psm1 | 0.814 |
| Rac1 | Dlg2 | 0.814 |
| Usp2 | Traf3 | 0.814 |
| Usp2 | Ctcf | 0.814 |
| Usp2 | Notch1 | 0.814 |
| Hnrnpa2b1 | Ccnd2 | 0.814 |
| Eif3b | Hnrnpk | 0.814 |
| Eif3b | Rps5 | 0.814 |
| Sod1 | Traf6 | 0.814 |
| Sod1 | Vim | 0.814 |
| Sod1 | Atp5d | 0.814 |
| Sod1 | Foxo3 | 0.814 |
| Sod1 | Hnrnpa1 | 0.814 |
| Gtf2h1 | Ankrd49 | 0.814 |
| Pcgf2 | Mph1 | 0.814 |
| Traf6 | Nphp1 | 0.814 |
| Bub1 | Anapc7 | 0.814 |
| Hcst | Klrk1 | 0.814 |
| Rai14 | Abtb1 | 0.814 |
| Zfp354a | Ubr5 | 0.814 |
| Efs | Kdr | 0.814 |
| Mapt | Sykb | 0.814 |
| Mtf2 | BC018507 | 0.814 |
| Mtf2 | Nap1l4 | 0.814 |
| Tctn1 | Krt2 | 0.814 |
| Tctn1 | Rps27a | 0.814 |
| Egr2 | Plagl2 | 0.814 |
| Birc3 | Ltbr | 0.814 |
| Tmf1 | Csf1r | 0.814 |
| Rbck1 | Rnf31 | 0.814 |
| Bhlhe41 | Bahd1 | 0.814 |
| Akr1b3 | Cyca | 0.814 |
| Akr1b3 | Tuba1b | 0.814 |
| Akr1b3 | Eif2a | 0.814 |

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| Tirap | Trim8 | 0.814 |
| Itgb1 | Cdh17 | 0.814 |
| Trim35 | Jarid2 | 0.814 |
| Kdm4c | Ppp1cc | 0.814 |
| Kdm4c | Lef1 | 0.814 |
| Ubb | Tuba1a | 0.814 |
| Smad2 | Junb | 0.814 |
| Snopc4 | Ing1 | 0.814 |
| Hba-a1 | Purb | 0.814 |
| Hba-a1 | Alb | 0.814 |
| Hsp90aa1 | Nphp1 | 0.814 |
| Gtf3c1 | Hoxd12 | 0.814 |
| Suz12 | Fasn | 0.814 |
| Cask | Mpp5 | 0.814 |
| Top2a | Eif3i | 0.814 |
| Sf3b1 | Dgcr8 | 0.814 |
| Casp8 | Cdh1 | 0.814 |
| Lef1 | Prdm16 | 0.814 |
| Topbp1 | Arfgap2 | 0.814 |
| Bat1a | Hsp90b1 | 0.814 |
| Bat1a | Cebpb | 0.814 |
| Cav1 | Flot1 | 0.814 |
| Bag1 | Dctn1 | 0.813 |
| Bag1 | Ckm | 0.813 |
| Bag1 | Efhd2 | 0.813 |
| B2m | Was | 0.813 |
| Map2k2 | Ptk2b | 0.813 |
| Mecp2 | Per2 | 0.813 |
| Mecp2 | Hnf1a | 0.813 |
| Shc1 | Dok1 | 0.813 |
| Shc1 | Pxn | 0.813 |
| Shc1 | Nfatc1 | 0.813 |
| Pik3r1 | Irs1 | 0.813 |
| Als2 | Actg1 | 0.813 |
| Epha2 | Cryab | 0.813 |
| Epc1 | Tle6 | 0.813 |
| LOC674895 | Map2k1 | 0.813 |
| Flna | Jup | 0.813 |
| Krt10 | Invs | 0.813 |
| Gbbp1 | Nf1 | 0.813 |
| Cited4 | Hnf1a | 0.813 |
| Axin1 | Lrrk2 | 0.813 |
| Rnh1 | Med14 | 0.813 |
| Actbl2 | Krt14 | 0.813 |
| Id2 | Sfn | 0.813 |
| Cd2ap | Cdk6 | 0.813 |

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| Ssbp2 | Lmo4 | 0.813 |
| Psmb5 | Uchl1 | 0.813 |
| Psmb4 | Psmb1 | 0.813 |
| Tcerg1 | Sumo1 | 0.813 |
| Usp2 | Pea15b | 0.813 |
| Usp2 | Tsnax | 0.813 |
| Eif3b | Acta1 | 0.813 |
| Sod1 | Tmf1 | 0.813 |
| Cdk5 | Ccnd1 | 0.813 |
| Tcf4 | Tcf12 | 0.813 |
| Crkl | Zap70 | 0.813 |
| Traf6 | Poli | 0.813 |
| Rab3d | Ndufa9 | 0.813 |
| Rab4a | Map3k5 | 0.813 |
| Naglu | Pcbp1 | 0.813 |
| Esr1 | Pou6f1 | 0.813 |
| Mtf2 | Polr3f | 0.813 |
| Zfp236 | Pax6 | 0.813 |
| Ctnnd1 | Lrp1 | 0.813 |
| Egr2 | Ufd1l | 0.813 |
| Birc2 | Tab2 | 0.813 |
| Birc2 | Mapk8ip1 | 0.813 |
| Nbr1 | Uchl1 | 0.813 |
| Nbr1 | Slc1a2 | 0.813 |
| Prkca | Cul5 | 0.813 |
| Bhlhe41 | Polr1a | 0.813 |
| Aldoa | Rnf11 | 0.813 |
| Sall4 | Hdac1 | 0.813 |
| Sf3b2 | Sumo1 | 0.813 |
| Pparg | Fem1a | 0.813 |
| Kdm4c | Klf4 | 0.813 |
| Kdm4c | Smarcd3 | 0.813 |
| Zfp110 | Psmc3 | 0.813 |
| Ubb | Eif4a1 | 0.813 |
| Ubb | Zfp292 | 0.813 |
| Tek | Fos | 0.813 |
| Fancd2 | Cebpb | 0.813 |
| Dynll1 | Hsp90ab1 | 0.813 |
| Cdk1 | Pcna | 0.813 |
| Mpnd | Fez1 | 0.813 |
| Mdc1 | Nbn | 0.813 |
| Angptl2 | Uqcrc1 | 0.813 |
| Ptma | Rorc | 0.813 |
| Ruvbl2 | Nrbp1 | 0.813 |
| Sf3b1 | Hnrnpk | 0.813 |
| Nrip1 | Ncor1 | 0.813 |

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| Vezf1 | Fasn | 0.813 |
| Map2k4 | Pik3r1 | 0.812 |
| Ap1b1 | Cited2 | 0.812 |
| Mecp2 | Gon4l | 0.812 |
| Mecp2 | Kdm5b | 0.812 |
| Shc3 | Cav3 | 0.812 |
| Psma4 | Myh10 | 0.812 |
| Psma4 | Tubb5 | 0.812 |
| Shc1 | Traf6 | 0.812 |
| Shc1 | Ppp2r3a | 0.812 |
| Sorbs1 | Cd40 | 0.812 |
| Epha2 | Ndufa4 | 0.812 |
| Usf1 | Nupr1 | 0.812 |
| Gpbp1 | E2f1 | 0.812 |
| Axin2 | Ctnnb1 | 0.812 |
| Rnh1 | Prkdc | 0.812 |
| Bcl11b | Pitx2 | 0.812 |
| Per1 | Per3 | 0.812 |
| Id2 | Pbx4 | 0.812 |
| Id2 | Hist3h2a | 0.812 |
| Id2 | Psm10 | 0.812 |
| Id3 | Pkp1 | 0.812 |
| Id3 | Psm11 | 0.812 |
| Irf8 | Irf1 | 0.812 |
| Cd2ap | Nedd4 | 0.812 |
| Cdk6 | Ccnd1 | 0.812 |
| Cdk6 | Cdkn1b | 0.812 |
| Suv420h1 | Rbl1 | 0.812 |
| Psmb5 | Bcr | 0.812 |
| Psmb4 | Krt15 | 0.812 |
| Rnf2 | Hdac2 | 0.812 |
| LOC677235 | Arhgap33 | 0.812 |
| Usp2 | Fbxl3 | 0.812 |
| Eif3b | Pkm2 | 0.812 |
| Eif3b | Aldoa | 0.812 |
| Sod1 | Krt8 | 0.812 |
| Sod1 | Cand2 | 0.812 |
| Sod1 | Mapk3 | 0.812 |
| Sod1 | Hdac6 | 0.812 |
| Sod1 | Rpl7 | 0.812 |
| Slc2a4 | Flot1 | 0.812 |
| Pura | Dbnl | 0.812 |
| Tcf12 | Bhlhe41 | 0.812 |
| Hist1h1a | Cdk2 | 0.812 |
| Esr1 | Hhex | 0.812 |
| Esr1 | Gli1 | 0.812 |

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| Mapt | Nlr1 | 0.812 |
| Egr2 | Tab3 | 0.812 |
| Mix1 | Ewsr1 | 0.812 |
| Tmf1 | Smurf1 | 0.812 |
| Tmf1 | Sh3gl2 | 0.812 |
| Foxn2 | Hoxb4 | 0.812 |
| Dag1 | Cav3 | 0.812 |
| Nbr1 | Prkcd | 0.812 |
| Hsf1 | Hdac6 | 0.812 |
| Hbb-b1 | Mog | 0.812 |
| Aldoa | Tnfrsf13c | 0.812 |
| Aldoa | Ubap2l | 0.812 |
| Akr1b3 | Tubb2b | 0.812 |
| Hnf4a | Ppargc1a | 0.812 |
| Pparg | Cdkn1a | 0.812 |
| Kdm4c | Ctnnb1 | 0.812 |
| Zfp110 | Fancd2 | 0.812 |
| Zfp110 | Reg1 | 0.812 |
| Dnm1 | Tuba1a | 0.812 |
| Dynll1 | Myo1c | 0.812 |
| Syn2 | Tufm | 0.812 |
| Eif4a1 | Eprs | 0.812 |
| Grin2a | Cttn | 0.812 |
| Klrb1c | Nr1i3 | 0.812 |
| Mapk8 | Jun | 0.812 |
| Rps13 | Eif2a | 0.812 |
| Rps13 | Eif3e | 0.812 |
| Hist3h2a | Hif1a | 0.812 |
| Slit3 | Ighmbp2 | 0.812 |
| Vezf1 | Vav1 | 0.812 |
| Topbp1 | Ap2a1 | 0.812 |
| Ap1b1 | Eif4g3 | 0.811 |
| Mecp2 | Ccne1 | 0.811 |
| Mecp2 | Nfkb1 | 0.811 |
| Mecp2 | Jarid2 | 0.811 |
| Shc1 | Phf20 | 0.811 |
| Flna | Krt77 | 0.811 |
| Rarg | Hif1a | 0.811 |
| Jup | Pcp2 | 0.811 |
| Itch | Tax1bp1 | 0.811 |
| Rnh1 | Glud1 | 0.811 |
| Rnh1 | Invs | 0.811 |
| Rnh1 | Hsp90ab1 | 0.811 |
| Bcl11b | Cul2 | 0.811 |
| Bcl11b | Ncoa1 | 0.811 |
| Bcl11b | Atp5d | 0.811 |

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| Id2 | Cdk4 | 0.811 |
| Cd2ap | Nfatc1 | 0.811 |
| Rac1 | Vdac1 | 0.811 |
| Nedd9 | Gnb2l1 | 0.811 |
| Usp2 | Dusp1 | 0.811 |
| Usp2 | Tab2 | 0.811 |
| Usp2 | Dlg1 | 0.811 |
| Eif3b | Tuba3a | 0.811 |
| Sod1 | Poli | 0.811 |
| Lmna | Iqcb1 | 0.811 |
| Iqcb1 | Actb | 0.811 |
| Gfi1 | Pias3 | 0.811 |
| Gata6 | Med1 | 0.811 |
| Epm2a | V1rd20 | 0.811 |
| Traf3 | Birc3 | 0.811 |
| Traf6 | Fos | 0.811 |
| Bub1 | Crem | 0.811 |
| Ccdc101 | Map2k7 | 0.811 |
| Tcf12 | Dot1l | 0.811 |
| Tcf12 | Polr1a | 0.811 |
| Psen2 | Plp1 | 0.811 |
| Max | Tsix | 0.811 |
| Dnajb6 | H1f0 | 0.811 |
| Tmf1 | Bcr | 0.811 |
| Tmf1 | Ppp2cb | 0.811 |
| Foxn2 | Gtf2h2 | 0.811 |
| Nbr1 | Mapk3 | 0.811 |
| Hbb-b1 | Hnrnpa1 | 0.811 |
| Cyld | Hhex | 0.811 |
| Cyld | Fos | 0.811 |
| Aldoa | Rps13 | 0.811 |
| Akr1b3 | Adrm1 | 0.811 |
| Med1 | Bmi1 | 0.811 |
| Ppargc1a | Zfp111 | 0.811 |
| Ncoa6 | Cbfb | 0.811 |
| Trip4 | Dnmt1 | 0.811 |
| Kdm4c | Mef2d | 0.811 |
| Zfp110 | Sykb | 0.811 |
| Uba52 | Atxn2 | 0.811 |
| H1f0 | Cdkn1b | 0.811 |
| Fancd2 | Brca1 | 0.811 |
| Pbx1 | Hoxa6 | 0.811 |
| Eif4a1 | Hba-a1 | 0.811 |
| Smad2 | Pex6 | 0.811 |
| Angptl2 | Sobp | 0.811 |
| Ifrd1 | Gon4l | 0.811 |

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| Topbp1 | Rbm8a | 0.811 |
| Bat1a | Tax1bp1 | 0.811 |
| Trpc4 | Cav1 | 0.811 |
| Jun | Ctnnb1 | 0.811 |
| Bag1 | Ezh2 | 0.81 |
| Bag1 | Rela | 0.81 |
| Mef2a | Ywhab | 0.81 |
| Map2k2 | Ctnn | 0.81 |
| Ap1b1 | Csk | 0.81 |
| Shc1 | Nbr1 | 0.81 |
| Shc1 | Clybl | 0.81 |
| Sorbs1 | Pik3r1 | 0.81 |
| Sorbs1 | Smad7 | 0.81 |
| Col5a1 | Smad3 | 0.81 |
| Dok1 | Rasa1 | 0.81 |
| Cd40 | Birc2 | 0.81 |
| Rnh1 | Hsph1 | 0.81 |
| Rnh1 | Pi4ka | 0.81 |
| Rnh1 | Pcbp1 | 0.81 |
| Bcl11b | Map2k1 | 0.81 |
| Bcl11b | Bax | 0.81 |
| Dync1h1 | Kif5b | 0.81 |
| Id2 | Jarid2 | 0.81 |
| Id3 | Eif4a2 | 0.81 |
| Irf8 | Rhoa | 0.81 |
| Psmb4 | Nap1l4 | 0.81 |
| Psmb1 | Dynll1 | 0.81 |
| Rac1 | Hras1 | 0.81 |
| Aip | Calcoco1 | 0.81 |
| LOC677235 | Frmd4b | 0.81 |
| Usp2 | Foxp1 | 0.81 |
| Usp2 | Runx2 | 0.81 |
| Hnrnpa2b1 | Adcy8 | 0.81 |
| Eif3b | Cops4 | 0.81 |
| Sod1 | Krt6a | 0.81 |
| Iqcb1 | Nphp1 | 0.81 |
| Traf6 | Chordc1 | 0.81 |
| Hist2h4 | Ikbkg | 0.81 |
| Tcf12 | Rarb | 0.81 |
| Mapt | Cflar | 0.81 |
| Nlr1 | Ikbkg | 0.81 |
| Dnajb6 | Ifrd1 | 0.81 |
| Ncoa3 | Lass2 | 0.81 |
| Egr2 | Rela | 0.81 |
| Hbb-b1 | Ldb3 | 0.81 |
| Aldoa | Ube2d3 | 0.81 |

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| Akr1b3 | Cops4 | 0.81 |
| Cbx2 | Bmi1 | 0.81 |
| Gm10358 | Actr1a | 0.81 |
| Sf3b2 | Rnf111 | 0.81 |
| Zfp473 | Ssbp4 | 0.81 |
| Pparg | Ms4a2 | 0.81 |
| Kdm4c | Myod1 | 0.81 |
| Zfp110 | Skil | 0.81 |
| Pxn | Limk1 | 0.81 |
| Dbnl | Aph1a | 0.81 |
| Syn2 | Dclk1 | 0.81 |
| Syn2 | Hdac2 | 0.81 |
| Eif4a1 | Eno3 | 0.81 |
| Cdk1 | Ppp1cc | 0.81 |
| Smad1 | Psmc3 | 0.81 |
| Hba-a1 | Ubqln2 | 0.81 |
| Chmp5 | Tbrg1 | 0.81 |
| Rps13 | Rpl22 | 0.81 |
| Gab1 | Csf1r | 0.81 |
| Tbp | Plagl2 | 0.81 |
| Casp8 | Cdkn1a | 0.81 |
| Casp8 | Foxo3 | 0.81 |
| Dr1 | Zzz3 | 0.81 |
| Bag1 | Vcp | 0.809 |
| Mecp2 | Ncoa1 | 0.809 |
| Mecp2 | Lass5 | 0.809 |
| Tnfaip3 | Tnfrsf1a | 0.809 |
| Gtf2a1l | Gata6 | 0.809 |
| Gtf2a1l | Sfpi1 | 0.809 |
| Psm4 | Atp5a1 | 0.809 |
| Epha2 | Actc1 | 0.809 |
| Rad51 | Etv4 | 0.809 |
| Cited4 | Hist3h2a | 0.809 |
| Rnh1 | Bag2 | 0.809 |
| Bcl11b | Syt1 | 0.809 |
| Sh3kbp1 | Inpp5d | 0.809 |
| Cry1 | Fbxl3 | 0.809 |
| Id2 | Hoxa10 | 0.809 |
| Id3 | Rnf14 | 0.809 |
| Id1 | Myf5 | 0.809 |
| Suv420h1 | Rbl2 | 0.809 |
| Psmb5 | Tardbp | 0.809 |
| Psmb4 | Myh3 | 0.809 |
| Psmb4 | Krt77 | 0.809 |
| Psmb4 | Fyn | 0.809 |
| Psmb4 | Prkcs | 0.809 |

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| Psmb1 | Krt2 | 0.809 |
| Usp2 | Slc1a2 | 0.809 |
| Eif3b | Ap2a1 | 0.809 |
| Cmtm3 | Map4k1 | 0.809 |
| Sod1 | Ywhaz | 0.809 |
| Sod1 | Atg16l1 | 0.809 |
| Lmnb1 | Hnrnpu | 0.809 |
| Lmnb1 | Nfe2l2 | 0.809 |
| Gtf2h1 | Gtf2e1 | 0.809 |
| Sirt1 | Ppargc1a | 0.809 |
| Rab7 | Anxa3 | 0.809 |
| Pura | Atp5b | 0.809 |
| Ldb2 | Lhx4 | 0.809 |
| Ccnd1 | Cdkn1a | 0.809 |
| Psen2 | Cacna1c | 0.809 |
| Efs | Prkce | 0.809 |
| Esr1 | Pxn | 0.809 |
| Tlr4 | Ikbkg | 0.809 |
| Max | Iqgap1 | 0.809 |
| Sox3 | Chek1 | 0.809 |
| Mapt | Nbr1 | 0.809 |
| Mapt | Stub1 | 0.809 |
| Mapt | Fbxo2 | 0.809 |
| Egr2 | Sp1 | 0.809 |
| Sgcz | Sgcb | 0.809 |
| Tmf1 | Cblb | 0.809 |
| Tmf1 | Usp8 | 0.809 |
| Musk | Pak1 | 0.809 |
| Nbr1 | Irak1 | 0.809 |
| Ncam1 | Cntn1 | 0.809 |
| Prkce | Peli2 | 0.809 |
| Cenpv | Gnb2l1 | 0.809 |
| Cenpv | Plp1 | 0.809 |
| Hbb-b1 | Suz12 | 0.809 |
| Ncoa6 | Taf15 | 0.809 |
| Ncoa6 | Runx1 | 0.809 |
| Zfp110 | Pten | 0.809 |
| Phc3 | Cbx4 | 0.809 |
| Ubb | Dsp | 0.809 |
| Ubb | Gria2 | 0.809 |
| Zfpm1 | Pdx1 | 0.809 |
| Il1r1 | Irak1 | 0.809 |
| Dbnl | Sfn | 0.809 |
| Chordc1 | Hsp90ab1 | 0.809 |
| Eef1a1 | Dclk1 | 0.809 |
| Chmp5 | Tada3 | 0.809 |

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| Vcp | Ufd1l | 0.809 |
| Suz12 | Ptrf | 0.809 |
| Rps13 | Hnrnpk | 0.809 |
| Ubqln2 | Kars | 0.809 |
| Rpl7 | Rps5 | 0.809 |
| Casp8 | Jun | 0.809 |
| Topbp1 | Mad2l1 | 0.809 |
| Bat1a | Eif3i | 0.809 |
| Fasn | Nup155 | 0.809 |
| Cops3 | Gps1 | 0.808 |
| Csnk1e | Per2 | 0.808 |
| Ldlrap1 | Topbp1 | 0.808 |
| Map2k3 | Stk39 | 0.808 |
| Map2k4 | Map3k7 | 0.808 |
| Gjb3 | Gmcl1 | 0.808 |
| Psma4 | Gabra1 | 0.808 |
| Epha2 | Rnh1 | 0.808 |
| Flna | Tubb5 | 0.808 |
| Rad51 | Kat5 | 0.808 |
| Zbtb3 | Zbtb39 | 0.808 |
| Bcl11b | Rarb | 0.808 |
| Actbl2 | Pcgf1 | 0.808 |
| Irf8 | Dlg1 | 0.808 |
| Cd2ap | Abl1 | 0.808 |
| Zbtb7c | Ncor1 | 0.808 |
| Cul3 | Ezh2 | 0.808 |
| Psmb5 | Gata6 | 0.808 |
| Tcerg1 | Rfx2 | 0.808 |
| Tcerg1 | Ap2m1 | 0.808 |
| LOC677235 | Dock7 | 0.808 |
| Usp2 | Ube2n | 0.808 |
| Sod1 | Lasp1 | 0.808 |
| Sod1 | Eif2c2 | 0.808 |
| Ywhab | Arhgef7 | 0.808 |
| Fadd | Cflar | 0.808 |
| Fadd | Casp8 | 0.808 |
| Psen1 | Aph1b | 0.808 |
| Rab3d | Stxbp1 | 0.808 |
| Rab3d | Ldha | 0.808 |
| Pura | Ywhaz | 0.808 |
| Pura | Ccna1 | 0.808 |
| Stoml3 | Adcy3 | 0.808 |
| Esr1 | Rhoq | 0.808 |
| Esr1 | Gsk3a | 0.808 |
| Sox2 | Mdm2 | 0.808 |
| Etv6 | Tet2 | 0.808 |

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| Etv6 | Clock | 0.808 |
| Sla2 | Was | 0.808 |
| Egr2 | Plk1 | 0.808 |
| Birc2 | Mib2 | 0.808 |
| Tmf1 | Camk1 | 0.808 |
| Magi2 | Chuk | 0.808 |
| Nbr1 | Pparg | 0.808 |
| Nbr1 | Ripk2 | 0.808 |
| Prkcd | Ubb | 0.808 |
| Prkce | Sh3bp2 | 0.808 |
| Hbb-b1 | Acta1 | 0.808 |
| Cyld | Sykb | 0.808 |
| Akr1b3 | Hist1h2ai | 0.808 |
| Tirap | Jak2 | 0.808 |
| Smadcb1 | Fos | 0.808 |
| Zfp446 | Isl2 | 0.808 |
| Zfp473 | Zscan2 | 0.808 |
| Ppargc1a | Nr1h4 | 0.808 |
| Phc3 | Tfdp1 | 0.808 |
| Ubb | Hspb1 | 0.808 |
| Dok3 | Cbl | 0.808 |
| H1f0 | Ltb | 0.808 |
| Capn2 | Pcyt1a | 0.808 |
| Eef1a1 | Actn1 | 0.808 |
| Hba-a1 | Pcbp1 | 0.808 |
| Chmp5 | Ttc4 | 0.808 |
| Polr1b | Taf1b | 0.808 |
| Suz12 | Strap | 0.808 |
| Hist3h2a | Rxrg | 0.808 |
| Hist3h2a | Foxo3 | 0.808 |
| Hoxd10 | Hoxa11 | 0.808 |
| Rpl7 | Fbln2 | 0.808 |
| Sf3b1 | Usp7 | 0.808 |
| Tbp | Nrip1 | 0.808 |
| Bag1 | Bax | 0.807 |
| Bag1 | Gnb2l1 | 0.807 |
| Bag1 | Vdac2 | 0.807 |
| Acaa2 | Actn4 | 0.807 |
| Ap1b1 | Rnps1 | 0.807 |
| Mecp2 | Bcl11b | 0.807 |
| Gtf2a1l | Gmnn | 0.807 |
| Flna | Hsp90aa1 | 0.807 |
| Gpbp1 | Cnot3 | 0.807 |
| Cited4 | Khdrbs1 | 0.807 |
| Cited4 | E2f1 | 0.807 |
| Spna1 | Grin1 | 0.807 |

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| Rnh1 | Eef2 | 0.807 |
| Id3 | Ercc8 | 0.807 |
| Id3 | Taf15 | 0.807 |
| Id3 | Spdef | 0.807 |
| Raf1 | Hras1 | 0.807 |
| Raf1 | Tubg1 | 0.807 |
| Psmb5 | Tnk2 | 0.807 |
| Psmb4 | Reg1 | 0.807 |
| Invs | Hspa8 | 0.807 |
| Tcerg1 | Lims1 | 0.807 |
| Usp2 | Ptk2 | 0.807 |
| Usp2 | App | 0.807 |
| Usp2 | Ccne1 | 0.807 |
| Usp2 | Per3 | 0.807 |
| Usp2 | Pdgfrb | 0.807 |
| Sod1 | Gsc | 0.807 |
| Gtf2i | Egr2 | 0.807 |
| Ptk2 | Bcl2 | 0.807 |
| Tcf7l1 | Esr1 | 0.807 |
| Traf2 | Birc3 | 0.807 |
| Traf6 | Irf3 | 0.807 |
| Rab3d | Slc1a2 | 0.807 |
| Ccdc101 | Nup88 | 0.807 |
| Barx2 | Srf | 0.807 |
| Efs | Csf1r | 0.807 |
| Esr1 | Diap1 | 0.807 |
| Dnajb6 | Atm | 0.807 |
| Egr2 | Bcl2 | 0.807 |
| Egr2 | Cd79a | 0.807 |
| Egr2 | Vdac1 | 0.807 |
| Stat3 | Stat1 | 0.807 |
| Ncor2 | Nr1h4 | 0.807 |
| Krt77 | Nphp1 | 0.807 |
| Nbr1 | Pten | 0.807 |
| Prkcd | Zfp110 | 0.807 |
| Prkce | Dnm1 | 0.807 |
| Bhlhe41 | Pcna | 0.807 |
| Cenpv | Usp7 | 0.807 |
| Cyld | Hsp90aa1 | 0.807 |
| Aldoa | Vcp | 0.807 |
| Smurf1 | Pard6a | 0.807 |
| Pik3c2b | Arhgap31 | 0.807 |
| Pparg | Thra | 0.807 |
| Ncoa6 | Usp7 | 0.807 |
| H1f0 | Cdkn1a | 0.807 |
| Gm7611 | Dclk2 | 0.807 |

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| Nfe2l2 | Ptma | 0.807 |
| Map3k7 | Mib2 | 0.807 |
| Map3k7 | Peli2 | 0.807 |
| Ppia | Hist4h4 | 0.807 |
| Ubqln2 | Mylpf | 0.807 |
| Zfp277 | Rps3 | 0.807 |
| Tceb1 | Asb2 | 0.807 |
| Rpl7 | Fbxw7 | 0.807 |
| Ppp5c | Dlg2 | 0.807 |
| Src | Csf1r | 0.807 |
| Topbp1 | Nup155 | 0.807 |
| Ctnnb1 | Cdh1 | 0.807 |
| Rara | Nrip1 | 0.806 |
| Mef2a | Col1a1 | 0.806 |
| Map2k6 | Atf2 | 0.806 |
| Map2k6 | Peli2 | 0.806 |
| Mecp2 | Smyd1 | 0.806 |
| Mecp2 | Snopc4 | 0.806 |
| Mecp2 | Hoxb1 | 0.806 |
| Psma4 | Krt42 | 0.806 |
| Shc1 | Msx2 | 0.806 |
| Shc1 | Lepr | 0.806 |
| Ptprq | Ctnnd1 | 0.806 |
| Npm1 | Tcf3 | 0.806 |
| Als2 | Ap2b1 | 0.806 |
| Epha2 | Rps27a | 0.806 |
| Epc1 | Actg1 | 0.806 |
| Flna | Psma1 | 0.806 |
| Usf1 | Tal1 | 0.806 |
| Usf1 | Foxo3 | 0.806 |
| Rad51 | Dnm1l | 0.806 |
| Stk38 | Eed | 0.806 |
| Dok1 | Bcr | 0.806 |
| Rnh1 | Dab1 | 0.806 |
| Sgk1 | Scn2a1 | 0.806 |
| Cd2ap | Ap2b1 | 0.806 |
| Cd2ap | Foxp1 | 0.806 |
| Cd2ap | Cblb | 0.806 |
| Homer1 | Itpr1 | 0.806 |
| Psbm4 | Birc3 | 0.806 |
| Psbm1 | Krt77 | 0.806 |
| Usp2 | Scn5a | 0.806 |
| Usp2 | Mitf | 0.806 |
| Eif3b | Grip1 | 0.806 |
| Sod1 | Calr | 0.806 |
| Sod1 | Sfn | 0.806 |

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| Sod1 | Hnrnpm | 0.806 |
| Lmnb2 | Lmnb1 | 0.806 |
| Iqcb1 | Hspa8 | 0.806 |
| Iqcb1 | Tuba1b | 0.806 |
| Tcf7l2 | Hnf4a | 0.806 |
| Pkd2 | Vcp | 0.806 |
| Traf6 | Zfp110 | 0.806 |
| Hist2h4 | Ep300 | 0.806 |
| Pura | Irs1 | 0.806 |
| Pura | Rfpl4 | 0.806 |
| Pura | Rpsa | 0.806 |
| Ahi1 | Mks1 | 0.806 |
| Tle1 | Ezh2 | 0.806 |
| Hnf1a | Emx1 | 0.806 |
| Tcf12 | Zfp277 | 0.806 |
| Cops2 | Setdb1 | 0.806 |
| Ccnd1 | Ppp1cc | 0.806 |
| Usp9x | Neur12 | 0.806 |
| Max | Bcl2 | 0.806 |
| Mapt | Casp9 | 0.806 |
| Pou2f1 | Hoxb8 | 0.806 |
| Egr2 | Myod1 | 0.806 |
| Pias1 | Sufu | 0.806 |
| Birc3 | Mdm4 | 0.806 |
| Ezh2 | Suz12 | 0.806 |
| Prkce | Map1lc3b | 0.806 |
| Ube2i | Olig2 | 0.806 |
| Cyld | Ngfr | 0.806 |
| Aldoa | Hsp90ab1 | 0.806 |
| Aldoa | Eprs | 0.806 |
| Akr1b3 | Pcbp1 | 0.806 |
| Trip4 | Polr1a | 0.806 |
| Zfpm1 | Mef2d | 0.806 |
| Syn2 | Nedd4l | 0.806 |
| Eif4a1 | Prpf31 | 0.806 |
| Eif4a1 | Phf2 | 0.806 |
| Grin1 | Dlg1 | 0.806 |
| Smad4 | Smarcd3 | 0.806 |
| Polr1b | Atrx | 0.806 |
| Arrb2 | Nbn | 0.806 |
| Trim67 | D3Bwg0562e | 0.806 |
| Gmnn | Tbp | 0.806 |
| Src | Ctnnb1 | 0.806 |
| Nrip1 | Ap2a2 | 0.806 |
| Bat1a | Fos | 0.806 |
| Oaz3 | Ociad1 | 0.806 |

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| Socs1 | Jak2 | 0.805 |
| Bag1 | Pfn2 | 0.805 |
| Tet1 | Ifrd1 | 0.805 |
| Map2k4 | Traf3 | 0.805 |
| Mecp2 | Pitx2 | 0.805 |
| Mecp2 | Sox9 | 0.805 |
| Shc1 | Reg1 | 0.805 |
| Rnf41 | Traf6 | 0.805 |
| Krt10 | Jup | 0.805 |
| Krt10 | Tubb6 | 0.805 |
| Rnh1 | Psmb5 | 0.805 |
| Tcf3 | Myod1 | 0.805 |
| Cry1 | Cry2 | 0.805 |
| Id2 | Tle6 | 0.805 |
| Id3 | Try5 | 0.805 |
| Id3 | Myh9 | 0.805 |
| Irf8 | Slc1a2 | 0.805 |
| Golgb1 | Naglu | 0.805 |
| Psmb4 | Krt42 | 0.805 |
| Psmb1 | Bag2 | 0.805 |
| LOC677235 | Kif21b | 0.805 |
| Usp2 | Scn9a | 0.805 |
| Eif3b | Eif4a1 | 0.805 |
| Sod1 | Hgs | 0.805 |
| Gtf2h1 | Trip4 | 0.805 |
| Iqcb1 | Krt2 | 0.805 |
| Traf2 | Ltbr | 0.805 |
| Traf6 | Cflar | 0.805 |
| Ccdc101 | Gspt1 | 0.805 |
| Ccdc101 | Etv3 | 0.805 |
| Ccdc101 | Topbp1 | 0.805 |
| Pklr | Smurf2 | 0.805 |
| Naglu | Esyt1 | 0.805 |
| Mll1 | H3 | 0.805 |
| Esr1 | Jak2 | 0.805 |
| Mtf2 | Zfp82 | 0.805 |
| Nphp3 | Krt2 | 0.805 |
| Nphp3 | Tpi1 | 0.805 |
| Flnc | Krt78 | 0.805 |
| Kat2a | Mbip | 0.805 |
| Birc2 | Ticam1 | 0.805 |
| Mix1 | Dlx2 | 0.805 |
| Tmf1 | Lyn | 0.805 |
| Ube2l3 | Ikbkb | 0.805 |
| Hbb-b1 | Eif2a | 0.805 |
| Hbb-b1 | Hnrnpk | 0.805 |

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| Aldoa | Il17ra | 0.805 |
| Aldoa | Map3k7 | 0.805 |
| Trip4 | Ankrd49 | 0.805 |
| Kdm4c | Atrx | 0.805 |
| Zfp110 | Mc4r | 0.805 |
| Zfpm1 | Hist4h4 | 0.805 |
| D930014E17 | Sh3bp2 | 0.805 |
| Syn2 | Enah | 0.805 |
| Eif4a1 | Tsc22d3 | 0.805 |
| Eif4a1 | Hnrnpa1 | 0.805 |
| Ubqln2 | Mutyh | 0.805 |
| Tbrg1 | Mcm10 | 0.805 |
| Lef1 | Pgr | 0.805 |
| Ell | Jarid2 | 0.805 |
| Bag1 | Smarcb1 | 0.804 |
| Bach1 | Myod1 | 0.804 |
| Ap1b1 | Atad5 | 0.804 |
| Shc1 | Irf5 | 0.804 |
| Epc1 | Taf15 | 0.804 |
| Flna | Krt14 | 0.804 |
| Gpbp1 | Lass2 | 0.804 |
| Rad51 | Map2k1 | 0.804 |
| Rad51 | Brca2 | 0.804 |
| Rad51 | Strap | 0.804 |
| Cited4 | Pygo1 | 0.804 |
| Lancl2 | Dclk2 | 0.804 |
| Card11 | Tmem115 | 0.804 |
| Rnh1 | Akr1b3 | 0.804 |
| Dync1h1 | Nde1 | 0.804 |
| Id3 | Rpsa | 0.804 |
| Psmb5 | Erbp2 | 0.804 |
| Psmb5 | Casp3 | 0.804 |
| Psmb4 | Polk | 0.804 |
| Psmb4 | Myh9 | 0.804 |
| Psmb4 | Aldoa | 0.804 |
| Kdm4b | Arid1b | 0.804 |
| LOC677235 | Cacnb1 | 0.804 |
| Usp2 | Park2 | 0.804 |
| Usp2 | Dlg3 | 0.804 |
| Usp2 | Mdm2 | 0.804 |
| Sod1 | Adrbk1 | 0.804 |
| Sod1 | Myod1 | 0.804 |
| Sod1 | Psmc5 | 0.804 |
| Cdk5 | Suds3 | 0.804 |
| Traf6 | Tirap | 0.804 |
| Rab3d | Gnao1 | 0.804 |

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| Hist2h4 | Psm2 | 0.804 |
| Ccdc101 | Nup214 | 0.804 |
| Ccdc101 | Nckap1 | 0.804 |
| Sh2b2 | Insr | 0.804 |
| Rai14 | Lmx1b | 0.804 |
| App | Stub1 | 0.804 |
| Zfp354a | Veze1 | 0.804 |
| Pias3 | Taf10 | 0.804 |
| Psen2 | Psenen | 0.804 |
| Mtf2 | Clock | 0.804 |
| Nphp3 | Krt73 | 0.804 |
| Etv6 | Atxn1 | 0.804 |
| Dnajb6 | Bclaf1 | 0.804 |
| Ncoa3 | Lgals3 | 0.804 |
| Egr2 | Mc4r | 0.804 |
| Birc3 | Map3k1 | 0.804 |
| Mixl1 | Hoxb13 | 0.804 |
| Nbr1 | Pax6 | 0.804 |
| Nbr1 | Ube4b | 0.804 |
| Cenpv | Hbb-b1 | 0.804 |
| Hbb-b1 | Myog | 0.804 |
| Hbb-b1 | Vdac2 | 0.804 |
| Tirap | Ifngr1 | 0.804 |
| Rhoq | Flot1 | 0.804 |
| Ubb | Tle6 | 0.804 |
| Ubb | Map4k4 | 0.804 |
| Isl2 | Ssbp4 | 0.804 |
| Tek | Ncor1 | 0.804 |
| Fancd2 | Pcyt1a | 0.804 |
| Syn2 | Mtap6 | 0.804 |
| Eif4a1 | Ube2v2 | 0.804 |
| Eif4a1 | Ubqln2 | 0.804 |
| Eif4a1 | Rpl22 | 0.804 |
| Eif4a1 | Asap2 | 0.804 |
| Smad2 | Sox15 | 0.804 |
| Snape4 | Ankra2 | 0.804 |
| Hba-a1 | Eif2a | 0.804 |
| Mapk1 | Mdk | 0.804 |
| Rps13 | Rpl28 | 0.804 |
| Ubqln2 | Psm2 | 0.804 |
| Ubqln2 | 9130011E15I | 0.804 |
| Ppp5c | Hoxb8 | 0.804 |
| Prmt5 | Pabpc1 | 0.803 |
| Bag1 | Vdac1 | 0.803 |
| Map2k6 | Ube2n | 0.803 |
| Mecp2 | Sufu | 0.803 |

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| Mecp2 | E2f1 | 0.803 |
| Psm4 | Cct3 | 0.803 |
| Psm4 | Prim1 | 0.803 |
| Sorbs1 | Dok3 | 0.803 |
| Rnf41 | Tbk1 | 0.803 |
| Hist1h1e | Chaf1a | 0.803 |
| Epc1 | Pitx2 | 0.803 |
| Flna | Krt73 | 0.803 |
| Rarg | Cebpb | 0.803 |
| Krt10 | Krt78 | 0.803 |
| Krt10 | Hnrnpm | 0.803 |
| Cited4 | Rsrc1 | 0.803 |
| Cited4 | Nfe2l2 | 0.803 |
| Dok2 | Dok1 | 0.803 |
| Rnh1 | Cox5a | 0.803 |
| Bcl11b | Hap1 | 0.803 |
| Id3 | Hsp90aa1 | 0.803 |
| Cd2ap | Gtf2e1 | 0.803 |
| Ngly1 | Vcp | 0.803 |
| Psm5 | Krt8 | 0.803 |
| Psm5 | Rhoa | 0.803 |
| Psm4 | Hdac6 | 0.803 |
| Rac1 | Pla2g4a | 0.803 |
| Usp2 | Stat1 | 0.803 |
| Usp2 | Myod1 | 0.803 |
| Lmn2 | Ttn | 0.803 |
| Traip | Traf3ip2 | 0.803 |
| Hist2h4 | Pdcd6 | 0.803 |
| Pura | Tceb2 | 0.803 |
| Ccdc101 | Kat2a | 0.803 |
| Ccdc101 | Fasn | 0.803 |
| Lcp2 | Blk | 0.803 |
| Lmx1b | Ssbp4 | 0.803 |
| Tcf12 | Zdhhc15 | 0.803 |
| Tcf12 | Taf15 | 0.803 |
| Slc11a1 | Cyld | 0.803 |
| Cops2 | Thrb | 0.803 |
| Prlr | Stat5a | 0.803 |
| Efs | Prkaca | 0.803 |
| Esr1 | Clybl | 0.803 |
| Esr1 | Gab1 | 0.803 |
| Mtf2 | Snai3 | 0.803 |
| Zfp236 | Ppargc1a | 0.803 |
| Ndel1 | Ppp1r9b | 0.803 |
| Egr2 | Rnf115 | 0.803 |
| Adam10 | Cask | 0.803 |

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| Foxn2 | Dlx5 | 0.803 |
| Magi2 | Ddx5 | 0.803 |
| Nbr1 | Hdac5 | 0.803 |
| Prkcb | Fus | 0.803 |
| Prkce | Ilf1r1 | 0.803 |
| Prkce | Ppp5c | 0.803 |
| Bhlhe41 | Eif4a2 | 0.803 |
| Ube2i | Sun1 | 0.803 |
| Ube2i | Irf1 | 0.803 |
| Hbb-b1 | Syn1 | 0.803 |
| Hbb-b1 | Dclk2 | 0.803 |
| Cyld | Rnf31 | 0.803 |
| Ankrd17 | Ipo9 | 0.803 |
| Akr1b3 | Mdh2 | 0.803 |
| Ubb | Adam6b | 0.803 |
| Zfpm1 | Sip1 | 0.803 |
| Zfpm1 | Phf12 | 0.803 |
| Fancd2 | Dlg4 | 0.803 |
| Dbnl | Syn1 | 0.803 |
| Dynll1 | Tfrc | 0.803 |
| Eif4a1 | Cyca | 0.803 |
| Eif4a1 | Zfp292 | 0.803 |
| Eif4a1 | Rpsa | 0.803 |
| Eif4ebp1 | Vrk3 | 0.803 |
| Eef1a1 | Rps13 | 0.803 |
| Smad2 | Lef1 | 0.803 |
| Snpc4 | Srebf1 | 0.803 |
| Hba-a1 | Prdm16 | 0.803 |
| Smc1a | Pds5a | 0.803 |
| Rps13 | Cand1 | 0.803 |
| Rps13 | Eprs | 0.803 |
| Ppia | Kdm5b | 0.803 |
| Arrb2 | Hipk1 | 0.803 |
| Zfp277 | Sirt2 | 0.803 |
| Rpl7 | Prkcsh | 0.803 |
| Top2a | Rab5a | 0.803 |
| Casp8 | Mpl | 0.803 |
| Lef1 | Sox8 | 0.803 |
| Nrip1 | Prdx5 | 0.803 |
| Shc1 | Met | 0.802 |
| Sorbs1 | Crk | 0.802 |
| Pik3r1 | Dok1 | 0.802 |
| Epc1 | Ring1 | 0.802 |
| Rarg | Bcl11b | 0.802 |
| Esrrb | Rnf2 | 0.802 |
| Stk38 | Ezh2 | 0.802 |

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| Tnfrsf1a | Ripk1 | 0.802 |
| Cul1 | Skp2 | 0.802 |
| Rnh1 | Nucb1 | 0.802 |
| Rnh1 | Tuba1a | 0.802 |
| Bcl11b | Sap18 | 0.802 |
| Actbl2 | Eno1 | 0.802 |
| Id3 | Id1 | 0.802 |
| Irf8 | Fam175b | 0.802 |
| Pias4 | Srebf1 | 0.802 |
| Raf1 | Dlg4 | 0.802 |
| Psmb5 | Sun2 | 0.802 |
| Psmb5 | Ulk1 | 0.802 |
| Psmb5 | Dlg1 | 0.802 |
| Psmb4 | Adrbk1 | 0.802 |
| Psmb4 | Csf1r | 0.802 |
| Invs | Ahi1 | 0.802 |
| Eif3b | Ap2m1 | 0.802 |
| Sod1 | Uimc1 | 0.802 |
| Pcp2 | Gnao1 | 0.802 |
| Vangl2 | Dvl3 | 0.802 |
| Crk | Arhgap33 | 0.802 |
| Traf6 | Nphp4 | 0.802 |
| Traf6 | Nfkbia | 0.802 |
| Traf6 | Sh3gl2 | 0.802 |
| Rab3d | Nhlrc1 | 0.802 |
| Rai14 | Polr3f | 0.802 |
| Tle1 | Ppia | 0.802 |
| Gjb6 | Smad5 | 0.802 |
| Hnf1a | Ppargc1a | 0.802 |
| Naglu | Tatdn2 | 0.802 |
| Orc2l | Zfp111 | 0.802 |
| Ush1c | Plekha1 | 0.802 |
| Ccnd1 | Rb1 | 0.802 |
| Ptpn11 | Gab1 | 0.802 |
| Nphp3 | Krt15 | 0.802 |
| Tctn1 | Krt15 | 0.802 |
| Tctn1 | Tubb5 | 0.802 |
| Malt1 | Card10 | 0.802 |
| Nbr1 | Vav1 | 0.802 |
| Prkca | Prkce | 0.802 |
| Prkcd | Mapk6 | 0.802 |
| Prkcd | Casp8 | 0.802 |
| Prkce | Reg1 | 0.802 |
| Prkce | Ppp2ca | 0.802 |
| Hsf1 | Srebf1 | 0.802 |
| Aldoa | Eef2 | 0.802 |

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| Nfkb1 | Relb | 0.802 |
| Sf3b2 | Smad3 | 0.802 |
| Pparg | Vcp | 0.802 |
| Zfp110 | Ticam1 | 0.802 |
| Uba52 | Cfl1 | 0.802 |
| Uba52 | Fbln2 | 0.802 |
| Fancd2 | Tsg101 | 0.802 |
| Fancd2 | Mpl | 0.802 |
| Fancd2 | Cdkn1a | 0.802 |
| Fancd2 | Fos | 0.802 |
| Dbnl | Usp8 | 0.802 |
| Eif4a1 | Psmc5 | 0.802 |
| Eef1a1 | Mib2 | 0.802 |
| Rbx1 | Fbxo6 | 0.802 |
| Ssbp4 | Lhx9 | 0.802 |
| Smad5 | Psmc3 | 0.802 |
| Spry3 | Spry1 | 0.802 |
| Angptl2 | Huwe1 | 0.802 |
| Rps13 | Tceb1 | 0.802 |
| Ifrd1 | Sp3 | 0.802 |
| Zfp277 | Asb1 | 0.802 |
| Mef2c | Sap18 | 0.802 |
| Tbl1x | Pin1 | 0.802 |
| Casp8 | Pcyt1a | 0.802 |
| Bat1a | Sh3gl2 | 0.802 |
| Fasn | Ddx41 | 0.802 |
| Bag1 | Ctnnb1 | 0.801 |
| Ldlrap1 | Etv3 | 0.801 |
| Mecp2 | Ep300 | 0.801 |
| Mecp2 | Zfp82 | 0.801 |
| Tnfaip3 | Tax1bp1 | 0.801 |
| Shc3 | Nos1 | 0.801 |
| Psm4 | Psm2 | 0.801 |
| Psm4 | Psm6 | 0.801 |
| L3mbtl2 | Ewsr1 | 0.801 |
| Rad51 | Cd2ap | 0.801 |
| Rad51 | Nr3c1 | 0.801 |
| Cited4 | Myod1 | 0.801 |
| Cited4 | Jarid2 | 0.801 |
| Cul1 | Fbxo2 | 0.801 |
| Bcl11b | Nhlrc1 | 0.801 |
| Sgca | Sgca | 0.801 |
| Sin3b | Ddx20 | 0.801 |
| Ubtf | Rb1 | 0.801 |
| Id3 | Nupr1 | 0.801 |
| Cd2ap | Rnps1 | 0.801 |

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|------------|---------|-------|
| Cd2ap | Egfr | 0.801 |
| Psmb4 | Zfand2a | 0.801 |
| Psmb4 | Hspa8 | 0.801 |
| Psmb4 | Was | 0.801 |
| Psmb4 | Fam175b | 0.801 |
| Psmb1 | Psm7 | 0.801 |
| Psmb1 | Kpnb1 | 0.801 |
| Psmb1 | Myh9 | 0.801 |
| Usp2 | Scnn1b | 0.801 |
| Usp2 | Gata6 | 0.801 |
| Usp2 | Stub1 | 0.801 |
| Usp2 | Uchl1 | 0.801 |
| Hnrnpa2b1 | Anxa1 | 0.801 |
| Eif3b | Pcbp1 | 0.801 |
| Sod1 | Krt73 | 0.801 |
| Sod1 | Tpi1 | 0.801 |
| Sod1 | Vcp | 0.801 |
| Sod1 | Mpl | 0.801 |
| Sod1 | Ube4b | 0.801 |
| Gm5920 | Actr1a | 0.801 |
| 2900073G15 | Grin1 | 0.801 |
| Traf6 | Nlr1 | 0.801 |
| Rab5b | Cdc42 | 0.801 |
| Rab3d | Foxp1 | 0.801 |
| Bub1 | H3f3a | 0.801 |
| Rai14 | Hdac10 | 0.801 |
| Tcf12 | Eif4a1 | 0.801 |
| Hist1h1a | Cdk4 | 0.801 |
| Naglu | Tfrc | 0.801 |
| Ccne1 | Cdk2 | 0.801 |
| Egfr | Src | 0.801 |
| Esr1 | Tle4 | 0.801 |
| Max | Dnajb6 | 0.801 |
| Max | Rps6ka3 | 0.801 |
| Ctnnd1 | Ctnnb1 | 0.801 |
| Ywhaz | Aph1a | 0.801 |
| Magi2 | Sf3b2 | 0.801 |
| Nbr1 | Fyn | 0.801 |
| Ube2n | Map3k7 | 0.801 |
| Ube2l3 | Sufu | 0.801 |
| Hbb-b1 | Eif3e | 0.801 |
| Cyld | Map3k1 | 0.801 |
| Aldoa | lkbkg | 0.801 |
| Aldoa | Wwp1 | 0.801 |
| Akr1b3 | Ldb3 | 0.801 |
| Rrp8 | Topbp1 | 0.801 |

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| Ppargc1a | Nfya | 0.801 |
| Ncoa6 | Cbx4 | 0.801 |
| Ppara | Gfi1b | 0.801 |
| Ubb | Hoxb9 | 0.801 |
| Tek | Grb2 | 0.801 |
| Fancd2 | Hsp90aa1 | 0.801 |
| Fancd2 | Psmc2 | 0.801 |
| Smarce1 | Tbx21 | 0.801 |
| Dbnl | H2afx | 0.801 |
| Dynll1 | Hspb1 | 0.801 |
| Eif4a1 | Zfp277 | 0.801 |
| Eif4a1 | Pdlim4 | 0.801 |
| Eef1a1 | Irf7 | 0.801 |
| Spry3 | Spry4 | 0.801 |
| Rela | Hdac1 | 0.801 |
| Cdk2 | Trp53 | 0.801 |
| Ptma | Fos | 0.801 |
| Sf3b1 | Rorc | 0.801 |
| Sf3b1 | E2f6 | 0.801 |
| Casp8 | Ube4b | 0.801 |
| Casp9 | Myd88 | 0.801 |
| Bat1a | Cdkn1a | 0.801 |
| Fasn | Mad2l1 | 0.801 |
| Gli3 | Hist1h2ai | 0.801 |
| Esrra | Ppargc1a | 0.8 |
| Tmem43 | Ptpn13 | 0.8 |
| Ap1b1 | Rps19bp1 | 0.8 |
| Ap1b1 | Gata3 | 0.8 |
| Mecp2 | Epc1 | 0.8 |
| Shc1 | Igf1r | 0.8 |
| Shc1 | Ulk1 | 0.8 |
| Pik3r1 | Fyn | 0.8 |
| Krt10 | Nphp1 | 0.8 |
| Gbbp1 | Taf1a | 0.8 |
| Cited4 | Fos | 0.8 |
| Esrrb | Smarca4 | 0.8 |
| Lancl2 | Exoc4 | 0.8 |
| Bcl11b | Epm2a | 0.8 |
| Bcl11b | Cox5a | 0.8 |
| Bcl11b | Ep300 | 0.8 |
| Actbl2 | Csnk2a2 | 0.8 |
| Tcf3 | Neurog2 | 0.8 |
| Id2 | Cdk9 | 0.8 |
| Id2 | Cebpb | 0.8 |
| Psmc4 | Ipo9 | 0.8 |
| Psmc4 | Casp3 | 0.8 |

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| Sod1 | Casp3 | 0.8 |
| Sod1 | Hnrnpk | 0.8 |
| Lmnb1 | Cbx3 | 0.8 |
| Lmnb1 | Nphp1 | 0.8 |
| Gm5920 | Frmd4b | 0.8 |
| Ywhab | Crk | 0.8 |
| Pcp2 | Actn1 | 0.8 |
| Polk | Smn1 | 0.8 |
| Traf6 | Dok3 | 0.8 |
| Ccnt1 | Mllt1 | 0.8 |
| Hnf1a | Otx2 | 0.8 |
| Naglu | Pi4ka | 0.8 |
| Slc11a1 | Cbfb | 0.8 |
| Nr2f6 | Gmeb1 | 0.8 |
| Tmsb4x | Ilk | 0.8 |
| Max | Map2k7 | 0.8 |
| Mapt | Pdcd6ip | 0.8 |
| Mapt | Psmc3 | 0.8 |
| Ctnnd1 | Grin1 | 0.8 |
| Ndel1 | Eef1a2 | 0.8 |
| Birc3 | Nos2 | 0.8 |
| Mks1 | Krt78 | 0.8 |
| Prkcb | Ppp3ca | 0.8 |
| Bhlhe41 | Zfp292 | 0.8 |
| Cenpv | Atp5d | 0.8 |
| Ube2i | Rnf14 | 0.8 |
| Cyld | Atg16l1 | 0.8 |
| Akr1b3 | Telo2 | 0.8 |
| Tirap | Tubb2c | 0.8 |
| Ncoa6 | Csnk2b | 0.8 |
| Ncoa6 | Ep400 | 0.8 |
| Zfp110 | Trim24 | 0.8 |
| Smarce1 | Ikbkg | 0.8 |
| Syn2 | Arhgef6 | 0.8 |
| Map3k7 | Rnf31 | 0.8 |
| Eif4a1 | Gm5414 | 0.8 |
| Eef1a1 | Cycs | 0.8 |
| Ctr9 | Ruvbl2 | 0.8 |
| Smad2 | Ctnn | 0.8 |
| Tbrg1 | Iffo2 | 0.8 |
| Tbrg1 | Tyw1 | 0.8 |
| Casp8 | Runx2 | 0.8 |
| Fasn | Lpxn | 0.8 |
| Sp1 | Jun | 0.8 |