|  |  |  |  |
| --- | --- | --- | --- |
| gene | lfc | padj | direction |
| Trf | 2.72 | 5.31E-07 | DISS |
| Hexb | 2.35 | 8.10E-07 | DISS |
| Selplg | 2.97 | 9.22E-07 | DISS |
| C1qb | 2.28 | 7.07E-06 | DISS |
| Csf1r | 2.13 | 9.58E-06 | DISS |
| Ctss | 2.59 | 9.58E-06 | DISS |
| Cnp | 2.45 | 4.48E-05 | DISS |
| Il1a | 3.06 | 4.48E-05 | DISS |
| Mag | 3.31 | 4.48E-05 | DISS |
| Cd14 | 3.38 | 4.88E-05 | DISS |
| Mpeg1 | 2.42 | 6.47E-05 | DISS |
| Tmem88b | 3.14 | 6.78E-05 | DISS |
| Nfkbia | 2.1 | 6.84E-05 | DISS |
| Slc15a3 | 3.45 | 9.32E-05 | DISS |
| Cd83 | 2.58 | 9.99E-05 | DISS |
| Cldn11 | 3.14 | 1.05E-04 | DISS |
| Laptm5 | 2.31 | 2.24E-04 | DISS |
| Plau | 3.9 | 2.24E-04 | DISS |
| Plp1 | 2.71 | 2.24E-04 | DISS |
| Mal | 3.2 | 2.32E-04 | DISS |
| Plek | 2.5 | 2.32E-04 | DISS |
| Jun | 1.6 | 3.20E-04 | DISS |
| Mobp | 2.6 | 4.41E-04 | DISS |
| Pcsk1n | 1.3 | 4.80E-04 | DISS |
| Socs3 | 2.26 | 4.80E-04 | DISS |
| Pllp | 2.76 | 5.46E-04 | DISS |
| Ndrg1 | 2.87 | 5.80E-04 | DISS |
| Phldb1 | 2.27 | 6.85E-04 | DISS |
| Tyrobp | 3.34 | 8.22E-04 | DISS |
| Cx3cr1 | 2.1 | 9.50E-04 | DISS |
| Tmem119 | 2.54 | 9.50E-04 | DISS |
| C1qa | 2.32 | 9.85E-04 | DISS |
| Slc2a5 | 4.08 | 1.23E-03 | DISS |
| Fcrls | 2.67 | 1.40E-03 | DISS |
| Lgmn | 1.84 | 1.57E-03 | DISS |
| Clic4 | 2.01 | 1.81E-03 | DISS |
| Sema5a | 3.25 | 2.98E-03 | DISS |
| C5ar1 | 3.66 | 3.01E-03 | DISS |
| Cmtm5 | 2.66 | 3.01E-03 | DISS |
| Ctcfl | 3.08 | 3.05E-03 | DISS |
| Cryab | 2.81 | 3.07E-03 | DISS |
| Rpl26 | 1.27 | 3.22E-03 | DISS |
| Gab1 | 2.9 | 3.44E-03 | DISS |
| C1qc | 2.6 | 4.40E-03 | DISS |
| Fa2h | 3.3 | 4.61E-03 | DISS |
| Clec2l | 1.94 | 5.01E-03 | DISS |
| Spry2 | 1.79 | 5.08E-03 | DISS |
| Mcam | 2.86 | 5.12E-03 | DISS |
| Olfml3 | 2.09 | 5.18E-03 | DISS |
| Sepp1 | 1.54 | 5.78E-03 | DISS |
| Ptma | 1.19 | 6.21E-03 | DISS |
| Csrnp3 | -1.46 | 6.55E-03 | HOMO |
| Dusp1 | 1.35 | 8.03E-03 | DISS |
| Lag3 | 3.32 | 8.03E-03 | DISS |
| Mbp | 1.95 | 8.03E-03 | DISS |
| Atf3 | 2.17 | 8.09E-03 | DISS |
| C1ql1 | 3.1 | 8.09E-03 | DISS |
| Adgrg1 | 1.86 | 8.62E-03 | DISS |
| Csrp1 | 1.7 | 9.07E-03 | DISS |
| Ltbp3 | 2.29 | 9.07E-03 | DISS |
| Mcl1 | 1.41 | 9.07E-03 | DISS |
| Rpl29 | 1.16 | 9.07E-03 | DISS |
| Rpl36a | 1.57 | 9.07E-03 | DISS |
| Stxbp5l | -1.94 | 9.07E-03 | HOMO |
| Rps27 | 1.29 | 9.59E-03 | DISS |
| Ighv14-2 | 7.81 | 9.60E-03 | DISS |
| Mapk3 | 1.61 | 9.80E-03 | DISS |
| Gabrb1 | -1.07 | 1.03E-02 | HOMO |
| Rgs7bp | -1.36 | 1.14E-02 | HOMO |
| Trem2 | 3.25 | 1.14E-02 | DISS |
| Syngr2 | 3.35 | 1.20E-02 | DISS |
| Irf8 | 2.77 | 1.26E-02 | DISS |
| Jund | 1.06 | 1.26E-02 | DISS |
| Plekhb1 | 1.49 | 1.26E-02 | DISS |
| Grin2b | -1.66 | 1.32E-02 | HOMO |
| Sorl1 | -1.41 | 1.35E-02 | HOMO |
| Cst3 | 1.53 | 1.45E-02 | DISS |
| Rpl28 | 1.17 | 1.55E-02 | DISS |
| Unc93b1 | 2.28 | 1.55E-02 | DISS |
| D6Wsu163e | 2.32 | 1.59E-02 | DISS |
| Sstr1 | 4.26 | 1.59E-02 | DISS |
| Birc6 | -1.32 | 1.60E-02 | HOMO |
| Cdkl5 | -1.67 | 1.60E-02 | HOMO |
| Gm10401 | 7.62 | 1.60E-02 | DISS |
| Itga5 | 3.05 | 1.60E-02 | DISS |
| Ly86 | 2.81 | 1.60E-02 | DISS |
| Olig1 | 1.67 | 1.60E-02 | DISS |
| Zfp36 | 1.79 | 1.60E-02 | DISS |
| Ralgapa1 | -1.19 | 1.63E-02 | HOMO |
| Rps8 | 1.04 | 1.70E-02 | DISS |
| Cd9 | 2.36 | 1.72E-02 | DISS |
| Rph3a | 2.26 | 1.72E-02 | DISS |
| Slc2a1 | 1.7 | 1.77E-02 | DISS |
| Bin2 | 2.49 | 1.83E-02 | DISS |
| Gpr84 | 2.86 | 1.87E-02 | DISS |
| H2-K1 | 2.09 | 1.87E-02 | DISS |
| Rc3h2 | -1.97 | 1.87E-02 | HOMO |
| Slco2b1 | 2.17 | 1.87E-02 | DISS |
| Tgfbr2 | 2.44 | 1.87E-02 | DISS |
| Cdh9 | 3.65 | 1.99E-02 | DISS |
| Ctsd | 1.26 | 1.99E-02 | DISS |
| Ptgds | 2.53 | 1.99E-02 | DISS |
| Epha6 | -1.7 | 2.01E-02 | HOMO |
| Mt1 | 1.42 | 2.01E-02 | DISS |
| Itgb5 | 1.98 | 2.01E-02 | DISS |
| Inpp5d | 2.84 | 2.04E-02 | DISS |
| Icam1 | 2.87 | 2.06E-02 | DISS |
| Kcnma1 | -1.92 | 2.06E-02 | HOMO |
| Myrf | 2.21 | 2.21E-02 | DISS |
| Nos1ap | -1.23 | 2.21E-02 | HOMO |
| Sparc | 1.79 | 2.21E-02 | DISS |
| Tnf | 2.4 | 2.21E-02 | DISS |
| Siglech | 2.11 | 2.21E-02 | DISS |
| Serpinb1a | 4.36 | 2.26E-02 | DISS |
| mt-Co3 | 1.4 | 2.26E-02 | DISS |
| Mog | 2.48 | 2.27E-02 | DISS |
| Stat3 | 1.56 | 2.41E-02 | DISS |
| Tlr7 | 3.89 | 2.42E-02 | DISS |
| Plppr4 | -1.25 | 2.49E-02 | HOMO |
| Celsr2 | -1.13 | 2.54E-02 | HOMO |
| Lgals9 | 2.74 | 2.62E-02 | DISS |
| Tln1 | 1.34 | 2.62E-02 | DISS |
| Cyba | 3.8 | 2.63E-02 | DISS |
| Ermn | 2.53 | 2.69E-02 | DISS |
| Fn1 | 1.77 | 2.69E-02 | DISS |
| Grin2a | -1.66 | 2.69E-02 | HOMO |
| mt-Co1 | 1.24 | 2.69E-02 | DISS |
| Sipa1 | 2.71 | 2.69E-02 | DISS |
| Lrrc7 | -1.78 | 2.73E-02 | HOMO |
| Vasp | 2.31 | 2.73E-02 | DISS |
| Shroom3 | 6.23 | 2.80E-02 | DISS |
| mt-Cytb | 1.27 | 2.86E-02 | DISS |
| Qdpr | 1.55 | 2.86E-02 | DISS |
| Slc12a2 | 2.07 | 2.86E-02 | DISS |
| Tmem170 | 2.53 | 2.93E-02 | DISS |
| Apod | 2.05 | 3.00E-02 | DISS |
| Cadm2 | -1.21 | 3.00E-02 | HOMO |
| Ccl4 | 1.94 | 3.00E-02 | DISS |
| Erdr1 | 1.33 | 3.00E-02 | DISS |
| Il1b | 2.41 | 3.00E-02 | DISS |
| Plekhg3 | 2.65 | 3.00E-02 | DISS |
| Sep4 | 1.84 | 3.00E-02 | DISS |
| Cd82 | 2.18 | 3.20E-02 | DISS |
| Cspg5 | 1.28 | 3.21E-02 | DISS |
| Magi2 | -1.27 | 3.21E-02 | HOMO |
| Ucp2 | 2.49 | 3.21E-02 | DISS |
| Smoc2 | 3.81 | 3.27E-02 | DISS |
| mt-Nd3 | 1.7 | 3.28E-02 | DISS |
| Fosb | 1.59 | 3.32E-02 | DISS |
| Mfng | 4.05 | 3.32E-02 | DISS |
| Pcdhga8 | 1.42 | 3.32E-02 | DISS |
| Emp2 | 2.35 | 3.33E-02 | DISS |
| Cd37 | 4.14 | 3.36E-02 | DISS |
| Scrg1 | 2.63 | 3.36E-02 | DISS |
| Prr18 | 2.29 | 3.57E-02 | DISS |
| mt-Nd1 | 1.21 | 3.60E-02 | DISS |
| Rasgrp1 | -1.08 | 3.78E-02 | HOMO |
| Rock2 | -1.05 | 3.88E-02 | HOMO |
| Asap1 | -1.88 | 4.02E-02 | HOMO |
| Cd274 | 4.24 | 4.12E-02 | DISS |
| Rpl32 | 1.33 | 4.12E-02 | DISS |
| Synpr | 2.31 | 4.12E-02 | DISS |
| Cacna2d1 | -1.22 | 4.17E-02 | HOMO |
| Pold1 | 2.23 | 4.17E-02 | DISS |
| Btg2 | 1.39 | 4.21E-02 | DISS |
| Gm42878 | -3.8 | 4.37E-02 | HOMO |
| Kcnj6 | -2.39 | 4.37E-02 | HOMO |
| Crtc2 | 1.78 | 4.37E-02 | DISS |
| Msn | 1.75 | 4.55E-02 | DISS |
| mt-Nd4 | 1.15 | 4.55E-02 | DISS |
| Rtn2 | 1.47 | 4.55E-02 | DISS |
| Myc | 2.35 | 4.56E-02 | DISS |
| Bcas1 | 1.7 | 4.70E-02 | DISS |
| Adcy9 | -1.42 | 4.74E-02 | HOMO |
| Gatm | 2.12 | 4.74E-02 | DISS |
| Gjb1 | 4.76 | 4.74E-02 | DISS |
| Pros1 | 2.29 | 4.74E-02 | DISS |
| Psat1 | 1.31 | 4.74E-02 | DISS |
| Rab3il1 | 2.76 | 4.78E-02 | DISS |
| Arl4c | 1.79 | 4.89E-02 | DISS |
| Dhrs3 | 2.95 | 4.89E-02 | DISS |
| Enpp2 | 1.77 | 4.89E-02 | DISS |
| Gpr34 | 2.08 | 4.89E-02 | DISS |
| Ntng1 | 3.08 | 4.89E-02 | DISS |
| P2ry12 | 1.74 | 4.89E-02 | DISS |
| Tlr2 | 2.65 | 4.89E-02 | DISS |
| Cyp27a1 | 3.58 | 4.92E-02 | DISS |
| Gna12 | 1.3 | 4.92E-02 | DISS |
| Asap3 | 3.89 | 4.96E-02 | DISS |
| Itgam | 1.75 | 4.96E-02 | DISS |
| Lcp1 | 2.73 | 4.96E-02 | DISS |
| Frmd8 | 2.79 | 5.03E-02 | DISS |
| Ncf1 | 1.8 | 5.07E-02 | DISS |
| Dnajb2 | 1.52 | 5.14E-02 | DISS |
| mt-Atp6 | 1.25 | 5.15E-02 | DISS |
| mt-Co2 | 1.36 | 5.15E-02 | DISS |
| Wasf2 | 1.67 | 5.20E-02 | DISS |
| Ccdc3 | 5.38 | 5.32E-02 | DISS |
| Fat3 | -2.18 | 5.40E-02 | HOMO |
| Smox | 1.58 | 5.40E-02 | DISS |
| Taok1 | -1.31 | 5.40E-02 | HOMO |
| Tmem63a | 2.46 | 5.40E-02 | DISS |
| Vsir | 2.06 | 5.40E-02 | DISS |
| Gpr17 | 2.6 | 5.46E-02 | DISS |
| Adgrl3 | -1.35 | 5.70E-02 | HOMO |
| Cmtm6 | 1.7 | 5.75E-02 | DISS |
| Dock8 | 3.07 | 5.75E-02 | DISS |
| Gp1bb | 3.1 | 5.75E-02 | DISS |
| Ier2 | 1.33 | 5.75E-02 | DISS |
| Il16 | 3.32 | 5.75E-02 | DISS |
| Rftn1 | 3.55 | 5.75E-02 | DISS |
| Sox10 | 2.16 | 5.75E-02 | DISS |
| Junb | 1.03 | 5.81E-02 | DISS |
| D630003M21Rik | 3.12 | 5.89E-02 | DISS |
| Kcnk6 | 2.84 | 6.10E-02 | DISS |
| Slc4a8 | -1.04 | 6.10E-02 | HOMO |
| Rela | 1.52 | 6.18E-02 | DISS |
| mt-Nd4l | 1.06 | 6.21E-02 | DISS |
| Itgb4 | 2.93 | 6.30E-02 | DISS |
| Zfp521 | 2.72 | 6.30E-02 | DISS |
| Ilkap | 1.61 | 6.31E-02 | DISS |
| Nckap1l | 2.11 | 6.31E-02 | DISS |
| Ccrl2 | 3.01 | 6.48E-02 | DISS |
| Gjc3 | 1.85 | 6.48E-02 | DISS |
| Csrnp1 | 1.52 | 6.62E-02 | DISS |
| Klf4 | 1.74 | 6.62E-02 | DISS |
| Tbc1d16 | 1.48 | 6.65E-02 | DISS |
| Wscd1 | 1.5 | 6.69E-02 | DISS |
| Atxn1 | -1.52 | 6.74E-02 | HOMO |
| Arfgef3 | -1.52 | 6.84E-02 | HOMO |
| Arhgap32 | -1.28 | 6.85E-02 | HOMO |
| Atf5 | 1.58 | 6.85E-02 | DISS |
| Dusp10 | 2.49 | 6.85E-02 | DISS |
| Prdm5 | 3.59 | 6.85E-02 | DISS |
| Arpc1b | 2.05 | 6.89E-02 | DISS |
| mt-Nd2 | 1.19 | 6.95E-02 | DISS |
| Pde4d | -1.75 | 6.95E-02 | HOMO |
| Grap | 2.96 | 7.08E-02 | DISS |
| Rpl18 | 1.04 | 7.08E-02 | DISS |
| Suv420h2 | 2.25 | 7.08E-02 | DISS |
| Taf1 | -1.21 | 7.15E-02 | HOMO |
| Il6ra | 2.21 | 7.21E-02 | DISS |
| Npr1 | 3.34 | 7.24E-02 | DISS |
| Clock | -1.24 | 7.25E-02 | HOMO |
| Smtnl2 | 5.83 | 7.25E-02 | DISS |
| mt-Atp8 | 1.11 | 7.37E-02 | DISS |
| Piezo1 | 3.06 | 7.37E-02 | DISS |
| Rpl23a | 1 | 7.37E-02 | DISS |
| Rpl31 | 1.09 | 7.37E-02 | DISS |
| Pim1 | 2.41 | 7.37E-02 | DISS |
| Atp2b1 | -1.21 | 7.40E-02 | HOMO |
| Cd63 | 1.58 | 7.40E-02 | DISS |
| Csf1 | 1.88 | 7.40E-02 | DISS |
| Prr36 | -1.76 | 7.40E-02 | HOMO |
| Rplp1 | 1.13 | 7.40E-02 | DISS |
| Myo1f | 4.78 | 7.47E-02 | DISS |
| Insig1 | 1.61 | 7.50E-02 | DISS |
| Itpk1 | 1.53 | 7.58E-02 | DISS |
| Lhfpl2 | 2.15 | 7.69E-02 | DISS |
| Chadl | 1.82 | 7.69E-02 | DISS |
| Nlrp3 | 2.2 | 7.69E-02 | DISS |
| Sh3gl1 | 1.56 | 7.69E-02 | DISS |
| Cidea | 5.46 | 7.85E-02 | DISS |
| Rack1 | 1.03 | 7.85E-02 | DISS |
| Sema4g | 2.3 | 7.95E-02 | DISS |
| Rpl23 | 1.23 | 8.02E-02 | DISS |
| Adam17 | 2.27 | 8.05E-02 | DISS |
| Cacna1e | -1.28 | 8.05E-02 | HOMO |
| Cpm | 2.85 | 8.15E-02 | DISS |
| Cox4i1 | 1.04 | 8.27E-02 | DISS |
| Nectin1 | 1.84 | 8.27E-02 | DISS |
| Ostf1 | 2.36 | 8.27E-02 | DISS |
| Gnaq | -1.18 | 8.28E-02 | HOMO |
| Maml2 | 2.19 | 8.28E-02 | DISS |
| Syt14 | -1.5 | 8.35E-02 | HOMO |
| Ap1s1 | 1.07 | 8.38E-02 | DISS |
| Fam124a | 2.36 | 8.38E-02 | DISS |
| Hr | 2.45 | 8.38E-02 | DISS |
| Nfatc1 | 3.56 | 8.38E-02 | DISS |
| Rps6kb2 | 1.65 | 8.38E-02 | DISS |
| Stk32b | 5.43 | 8.39E-02 | DISS |
| Unc5b | 1.96 | 8.52E-02 | DISS |
| Cdkn1a | 2.51 | 8.54E-02 | DISS |
| Fam102b | 1.53 | 8.75E-02 | DISS |
| Garem | -1.39 | 8.88E-02 | HOMO |
| Pde4c | -4 | 9.01E-02 | HOMO |
| Sh3d19 | 2.43 | 9.07E-02 | DISS |
| Tspan2 | 1.93 | 9.07E-02 | DISS |
| Tnfaip6 | 2.76 | 9.09E-02 | DISS |
| Cd68 | 2.35 | 9.11E-02 | DISS |
| Mmp15 | 1.94 | 9.19E-02 | DISS |
| Lamb2 | 2.7 | 9.21E-02 | DISS |
| Itpkb | 1.53 | 9.25E-02 | DISS |
| Il10ra | 2.49 | 9.29E-02 | DISS |
| Rps27a | 1.13 | 9.33E-02 | DISS |
| Rpl35a | 1.47 | 9.45E-02 | DISS |
| Tbx1 | 5.68 | 9.56E-02 | DISS |
| Srgn | 2.41 | 9.59E-02 | DISS |
| Apoe | 1.25 | 9.60E-02 | DISS |
| Atp2c1 | -1.13 | 9.60E-02 | HOMO |
| Bche | 3.35 | 9.60E-02 | DISS |
| Cacnb2 | -1.16 | 9.60E-02 | HOMO |
| Ccl9 | 3.31 | 9.60E-02 | DISS |
| Cd81 | 1.03 | 9.60E-02 | DISS |
| Cfh | 2.03 | 9.60E-02 | DISS |
| Ctsc | 2.4 | 9.60E-02 | DISS |
| Dusp26 | 2.02 | 9.60E-02 | DISS |
| Erbin | 1.72 | 9.60E-02 | DISS |
| Gjc2 | 2.39 | 9.60E-02 | DISS |
| Lrtm2 | 1.8 | 9.60E-02 | DISS |
| Plin4 | 4.05 | 9.60E-02 | DISS |
| Rgs10 | 2.18 | 9.60E-02 | DISS |
| Rnaset2b | 2 | 9.60E-02 | DISS |
| Rpsa | 1.08 | 9.60E-02 | DISS |
| Slc25a10 | 2.94 | 9.60E-02 | DISS |
| Spry1 | 2.18 | 9.60E-02 | DISS |
| Tango2 | 1.8 | 9.60E-02 | DISS |
| Ubqln1 | -1.06 | 9.74E-02 | HOMO |
| Gadd45b | 1.49 | 9.83E-02 | DISS |
| Atrx | -1.06 | 9.92E-02 | HOMO |
| Itpr3 | 3.12 | 9.92E-02 | DISS |