,p_val,avg_log2FC,pct.1,pct.2,p_val_adj,cluster,gene
Tgm2,5.37E-12,0.589937992,0.314,0.032,1.73E-07,5,Tgm2
Tmem120a,1.31E-07,0.590099903,0.257,0.039,0.004243714,5,Tmem120a
Rbms3,2.37E-07,0.590138805,0.114,0.005,0.007655064,5,Rbms3
Eml6,2.63E-08,0.591296771,0.775,0.378,0.000849485,2,Eml6
Sirpb1b,7.08E-09,0.591886812,0.286,0.039,0.000228552,5,Sirpb1b
Bhlhe41,6.79E-10,0.592750748,0.343,0.05,2.19E-05,5,Bhlhe41
Slc29a1,3.64E-10,0.593909477,0.4,0.068,1.18E-05,5,Slc29a1
Bmx,5.64E-07,0.596966472,0.314,0.066,0.018197859,5,Bmx
Adgb,4.19E-07,0.599584685,0.887,0.547,0.013540926,2,Adgb
Ackr3,7.25E-11,0.601615709,0.352,0.073,2.34E-06,2,Ackr3
Tmem268,1.23E-11,0.603242373,0.371,0.05,3.96E-07,5,Tmem268
Ehmt2,2.45E-09,0.60325556,0.6,0.155,7.90E-05,5,Ehmt2
Mapkapk3,2.02E-10,0.604911128,0.4,0.066,6.53E-06,5,Mapkapk3
Mapk6,1.69E-08,0.605445396,0.6,0.174,0.000545398,5,Mapk6
Slco2b1,7.74E-12,0.607260856,0.314,0.032,2.50E-07,5,Slco2b1
Prr5l,2.68E-07,0.617261538,0.257,0.042,0.008663635,5,Prr5l
Tlr2,3.24E-08,0.617270954,0.514,0.137,0.001044568,5,Tlr2
Pde4dip,5.72E-10,0.620503464,0.371,0.061,1.85E-05,5,Pde4dip
Prickle1,1.62E-07,0.624979691,0.366,0.116,0.005229712,2,Prickle1
Ptgis,7.72E-08,0.6251046,0.887,0.549,0.002490911,2,Ptgis
Krt79,1.10E-08,0.626202317,0.286,0.039,0.000356188,5,Krt79
Man2a1,1.18E-08,0.626992595,1,0.86,0.000380353,2,Man2a1
Gsn,2.89E-16,0.629159651,0.343,0.024,9.34E-12,5,Gsn
Vps13b,4.08E-08,0.631290147,0.898,0.644,0.001316959,1,Vps13b
Cmah,3.12E-08,0.63202401,0.62,0.265,0.001007985,2,Cmah
Gm15987,2.28E-12,0.632298209,0.255,0.032,7.38E-08,1,Gm15987
Tfec.1,2.40E-13,0.63275384,0.486,0.071,7.76E-09,5,Tfec
Itsn1,4.82E-07,0.635360671,0.887,0.637,0.015573252,2,Itsn1
Tuba4a,8.99E-08,0.635574565,0.257,0.039,0.002903239,5,Tuba4a
Lair1,8.11E-08,0.636439364,0.371,0.082,0.002619185,5,Lair1
Rab27a,3.87E-09,0.637779086,0.831,0.48,0.000124946,2,Rab27a
Ssh2,1.01E-08,0.64195394,0.969,0.918,0.000326784,1,Ssh2
Kdm7a,3.08E-08,0.642812974,0.694,0.423,0.000993716,1,Kdm7a
Cd200r4,7.62E-10,0.645104017,0.371,0.061,2.46E-05,5,Cd200r4
B4galnt1,1.23E-07,0.64786444,0.486,0.137,0.003981718,5,B4galnt1
Plcb4,4.22E-12,0.648422823,0.634,0.198,1.36E-07,2,Plcb4
Igf2bp2,1.22E-20,0.651807725,0.343,0.013,3.95E-16,5,Igf2bp2
Atp8b4.1,1.02E-06,0.652909852,0.543,0.192,0.033032661,5,Atp8b4
Rab11fip1,2.99E-14,0.652998589,0.457,0.061,9.65E-10,5,Rab11fip1
Sptbn1,1.07E-09,0.656809709,0.972,0.759,3.47E-05,2,Sptbn1
Sirpb1c,1.50E-06,0.658385231,0.314,0.071,0.048417841,5,Sirpb1c
Atp6ap1,2.13E-07,0.65995505,0.829,0.4,0.006887414,5,Atp6ap1
Vwf,2.20E-09,0.660634477,0.257,0.029,7.10E-05,5,Vwf
Ifrd1,7.22E-07,0.661514708,0.514,0.166,0.023312055,5,Ifrd1
Hdc,6.48E-09,0.663497462,0.493,0.169,0.000209247,2,Hdc
Lama3,5.77E-11,0.664183016,0.535,0.166,1.86E-06,2,Lama3

Agmo,1.96E-08,0.664252768,0.93,0.654,0.000633937,2,Agmo
Mical3,9.27E-10,0.664716002,0.4,0.074,2.99E-05,5,Mical3
Wnt2,1.01E-06,0.667350059,0.465,0.18,0.032485554,2,Wnt2
Gmcl1,4.60E-09,0.670522278,0.4,0.082,0.000148446,5,Gmcl1
Gbe1,2.23E-07,0.671100362,0.915,0.657,0.007203441,2,Gbe1
Plxnc1,5.18E-09,0.671633203,0.4,0.079,0.000167123,5,Plxnc1
Prdm1,4.39E-16,0.67621195,0.343,0.024,1.42E-11,5,Prdm1
Dhrs9,2.48E-08,0.676410064,0.143,0.008,0.000801746,5,Dhrs9
Ccr5,1.32E-08,0.67831968,0.306,0.082,0.000426353,1,Ccr5
Sgms2,5.07E-09,0.683289938,0.4,0.082,0.000163808,5,Sgms2
Flvcr2,5.67E-07,0.683868792,0.229,0.034,0.018320332,5,Flvcr2
Cryl1,5.88E-10,0.685036237,0.972,0.666,1.90E-05,2,Cryl1
Actb,7.89E-11,0.686877145,1,0.989,2.55E-06,5,Actb
Tkt,1.27E-06,0.687349621,0.8,0.4,0.040950892,5,Tkt
Sh2d1b1,2.04E-13,0.697290351,0.314,0.026,6.60E-09,5,Sh2d1b1
F5,3.22E-10,0.697473721,1,0.802,1.04E-05,2,F5
Ly6c2,2.09E-10,0.700498068,0.2,0.013,6.75E-06,5,Ly6c2
Plin3,3.23E-07,0.701032217,0.4,0.103,0.010420038,5,Plin3
Dnase2a,8.55E-07,0.701623747,0.571,0.213,0.027590888,5,Dnase2a
Trpv2,1.32E-07,0.706415112,0.371,0.082,0.00425317,5,Trpv2
Siglecf,2.65E-22,0.708308609,0.4,0.018,8.56E-18,5,Siglecf
Lgals1,9.20E-08,0.714330914,0.514,0.153,0.002970281,5,Lgals1
Cpne5,2.25E-12,0.723120728,0.257,0.018,7.27E-08,5,Cpne5
Amz1,2.49E-15,0.72473309,0.4,0.039,8.05E-11,5,Amz1
Dapp1,1.37E-08,0.726440628,0.859,0.526,0.000442549,2,Dapp1
Samd8,9.63E-07,0.731547105,0.571,0.213,0.031099821,5,Samd8
Grk5,3.40E-10,0.734025758,0.959,0.757,1.10E-05,1,Grk5
Ofcc1.1,2.79E-07,0.734294815,0.366,0.125,0.009016177,2,Ofcc1
Olfr1033,1.34E-12,0.734486491,0.465,0.11,4.32E-08,2,Olfr1033
Blvra,7.97E-08,0.735868554,0.6,0.192,0.002573463,5,Blvra
Ramp1,1.88E-20,0.738782636,0.429,0.029,6.08E-16,5,Ramp1
Adgrl3,3.98E-09,0.740154978,0.314,0.045,0.000128558,5,Adgrl3
Flnb,3.55E-11,0.740937441,0.986,0.817,1.15E-06,2,Flnb
Ppt2,1.17E-06,0.744844537,0.514,0.176,0.037869952,5,Ppt2
Plxdc2,2.44E-10,0.747449944,0.972,0.869,7.88E-06,2,Plxdc2
Rarb,3.37E-09,0.757663529,0.732,0.392,0.000108738,2,Rarb
St7,9.03E-09,0.759209653,0.571,0.163,0.000291658,5,St7
Cald1,1.41E-11,0.761171428,0.662,0.235,4.57E-07,2,Cald1
Dmxl2,2.44E-07,0.770706171,0.486,0.139,0.007869875,5,Dmxl2
Gbp2b,8.25E-11,0.774827056,0.803,0.369,2.66E-06,2,Gbp2b
Taldo1,5.18E-07,0.775204744,0.971,0.692,0.016717116,5,Taldo1
Ccnd2,2.22E-08,0.775595803,0.4,0.089,0.000715543,5,Ccnd2
Rnh1,2.69E-07,0.777541952,0.686,0.305,0.008693761,5,Rnh1
Lmo4,1.22E-06,0.778369211,0.743,0.332,0.039493281,5,Lmo4
Mgat5,2.43E-09,0.780670131,0.657,0.195,7.85E-05,5,Mgat5
Nrp1,3.22E-08,0.784926519,0.612,0.341,0.001040881,1,Nrp1
Havcr2,1.15E-18,0.793473517,0.314,0.013,3.72E-14,5,Havcr2

Iqsec1,8.15E-09,0.801414967,0.514,0.137,0.000263225,5,Iqsec1
Rufy4,2.95E-22,0.805561177,0.343,0.011,9.52E-18,5,Rufy4
Galnt3,3.33E-17,0.808879772,0.257,0.008,1.07E-12,5,Galnt3
Mcu,5.75E-09,0.813689263,0.704,0.39,0.000185583,2,Mcu
Cadps2,3.72E-15,0.816257012,0.549,0.128,1.20E-10,2,Cadps2
Tsc22d1,8.50E-07,0.821644429,0.314,0.068,0.0274537,5,Tsc22d1
Mapk3,3.31E-08,0.824589997,0.571,0.176,0.001068638,5,Mapk3
Htr2c.1,3.65E-12,0.824916715,0.4,0.053,1.18E-07,5,Htr2c
Tbc1d9,3.84E-16,0.828270719,0.429,0.042,1.24E-11,5,Tbc1d9
Cxcr2,4.35E-14,0.831445806,0.2,0.005,1.40E-09,5,Cxcr2
Gse1,1.92E-11,0.831582397,0.648,0.259,6.19E-07,2,Gse1
Krt19,3.80E-10,0.832511677,0.286,0.034,1.23E-05,5,Krt19
Trim29,1.72E-22,0.833974593,0.486,0.034,5.55E-18,5,Trim29
Bcar3,1.88E-10,0.83919553,0.371,0.055,6.06E-06,5,Bcar3
Acp5,4.31E-09,0.840101765,0.4,0.079,0.00013925,5,Acp5
Ear1,1.41E-10,0.841841342,0.343,0.047,4.56E-06,5,Ear1
Lrg1.1,1.04E-10,0.843267039,0.887,0.488,3.36E-06,2,Lrg1
Kcnn3,6.52E-14,0.848155605,0.629,0.129,2.10E-09,5,Kcnn3
Fgfr1,3.65E-16,0.862437061,1,0.762,1.18E-11,2,Fgfr1
C4b.1,3.83E-13,0.867432194,1,0.695,1.24E-08,2,C4b
Cd200r1,8.58E-10,0.869190986,0.571,0.158,2.77E-05,5,Cd200r1
Pard3b,6.04E-12,0.870404419,0.958,0.608,1.95E-07,2,Pard3b
Lrp12,1.05E-08,0.874304356,0.4,0.084,0.000340141,5,Lrp12
Rexo2,4.37E-09,0.875317344,0.714,0.287,0.000141213,5,Rexo2
Pvt1,2.38E-07,0.878194135,0.686,0.268,0.007698383,5,Pvt1
St8sia6,3.33E-13,0.886787392,0.724,0.344,1.08E-08,1,St8sia6
Morrbid,5.20E-07,0.887495574,0.629,0.221,0.016775017,5,Morrbid
Cstb,4.60E-07,0.887586302,0.829,0.453,0.014842144,5,Cstb
Pld3,1.29E-06,0.888559758,0.6,0.239,0.041509954,5,Pld3
Rnf180,2.23E-13,0.897525444,0.4,0.047,7.20E-09,5,Rnf180
Sort1.1,3.68E-07,0.90113832,0.743,0.392,0.011866474,5,Sort1
C530008M17Rik,1.78E-11,0.901664652,0.429,0.068,5.76E-07,5,C530008M17Rik
Cd300c2,1.70E-11,0.902566631,0.429,0.071,5.50E-07,5,Cd300c2
Ggta1,1.63E-17,0.903106379,0.486,0.05,5.25E-13,5,Ggta1
Prune2,3.69E-18,0.904883084,0.371,0.024,1.19E-13,5,Prune2
Mir99ahg,2.26E-11,0.919335643,0.93,0.57,7.30E-07,2,Mir99ahg
Clic4,8.44E-07,0.920688269,0.714,0.321,0.027260596,5,Clic4
Ccr2,2.21E-08,0.925221313,0.194,0.032,0.00071375,1,Ccr2
Tns1,3.85E-10,0.928170896,0.486,0.108,1.24E-05,5,Tns1
Klhdc4,3.22E-14,0.93457032,0.543,0.095,1.04E-09,5,Klhdc4
Pid1.1,5.81E-12,0.939472197,0.949,0.795,1.88E-07,1,Pid1
Coro1a,2.68E-07,0.941695392,0.486,0.158,0.008663649,5,Coro1a
Timd4.1,5.61E-15,0.942514,0.958,0.468,1.81E-10,2,Timd4
Card11.1,2.93E-13,0.952862015,0.486,0.074,9.45E-09,5,Card11
Slc23a2,1.52E-07,0.955111026,0.514,0.153,0.00490663,5,Slc23a2
Iqgap1,2.09E-07,0.956379507,0.943,0.8,0.006756573,5,Iqgap1
Ddhd1.1,1.17E-06,0.971978341,0.743,0.4,0.037709748,5,Ddhd1

Ltbp1,2.86E-14,0.973002694,1,0.756,9.22E-10,2,Ltbp1
Prtg,5.66E-18,0.9824673,0.493,0.087,1.83E-13,2,Prtg
Gcnt2,5.41E-18,0.991561906,0.486,0.05,1.75E-13,5,Gcnt2
Myh9,1.36E-09,0.994400485,0.971,0.613,4.39E-05,5,Myh9
Mtss1,7.04E-08,0.997612998,0.857,0.403,0.002271993,5,Mtss1
Il18,2.14E-08,1.002566229,0.6,0.197,0.000690307,5,Il18
Hvcn1,1.63E-11,1.00282345,0.571,0.132,5.25E-07,5,Hvcn1
Gpnmb.2,2.86E-17,1.011648781,0.543,0.063,9.24E-13,5,Gpnmb
Ptms,2.94E-14,1.014893613,0.6,0.124,9.50E-10,5,Ptms
Gsap.2,1.21E-07,1.016668942,0.6,0.213,0.003895332,5,Gsap
Sulf2,9.14E-19,1.022091825,0.429,0.034,2.95E-14,5,Sulf2
Lrrfip1,1.43E-06,1.024567277,0.543,0.205,0.046302904,5,Lrrfip1
Clec4n.1,1.33E-12,1.030274203,0.429,0.063,4.29E-08,5,Clec4n
Nabp1,7.73E-08,1.034696641,0.543,0.176,0.00249467,5,Nabp1
Adgrl2,4.49E-19,1.039462254,0.371,0.021,1.45E-14,5,Adgrl2
Sirpa,1.35E-06,1.054357971,0.8,0.484,0.043652827,5,Sirpa
Tgfb2.1,3.14E-14,1.061285363,0.958,0.485,1.02E-09,2,Tgfb2
Prkar2b,2.01E-13,1.06431736,0.514,0.089,6.50E-09,5,Prkar2b
Syne1,3.70E-17,1.081419854,0.429,0.039,1.19E-12,5,Syne1
Nrp2,1.38E-15,1.091072728,0.457,0.053,4.47E-11,5,Nrp2
Vat1,8.88E-11,1.097909599,0.486,0.108,2.87E-06,5,Vat1
Nav2.1,1.40E-07,1.100537601,0.514,0.158,0.004530656,5,Nav2
Baz1a,7.66E-07,1.102792216,0.743,0.411,0.024720468,5,Baz1a
Evl,7.32E-16,1.106240212,0.571,0.092,2.36E-11,5,Evl
Vmn2r26.1,1.44E-16,1.115260905,0.817,0.323,4.65E-12,2,Vmn2r26
Cd300lf,1.30E-10,1.118339527,0.486,0.1,4.21E-06,5,Cd300lf
Garnl3,9.85E-18,1.126576107,0.972,0.526,3.18E-13,2,Garnl3
Kynu.2,3.33E-12,1.127728989,0.429,0.063,1.07E-07,5,Kynu
Anxa5.1,7.46E-07,1.132405696,0.686,0.326,0.024068669,5,Anxa5
Car4.2,1.36E-08,1.137519519,0.4,0.082,0.00043924,5,Car4
Lyz1,3.24E-07,1.14169606,0.786,0.593,0.010469681,1,Lyz1
Runx2.1,8.97E-18,1.143046431,0.543,0.066,2.90E-13,5,Runx2
Naaa,1.27E-09,1.147502267,0.629,0.203,4.09E-05,5,Naaa
Dst.1,8.05E-13,1.156976403,0.6,0.121,2.60E-08,5,Dst
Pik3ap1.2,1.43E-09,1.170254603,0.629,0.197,4.61E-05,5,Pik3ap1
Ncoa4,9.47E-08,1.17146325,0.629,0.234,0.003058301,5,Ncoa4
Itgal.1,7.92E-17,1.171900642,0.6,0.095,2.56E-12,5,Itgal
Plcb1.1,2.51E-16,1.183747929,0.878,0.555,8.10E-12,1,Plcb1
Actg1,8.48E-09,1.18801667,1,0.879,0.000273908,5,Actg1
9-Sep,2.07E-13,1.223306743,0.686,0.179,6.67E-09,5,9-Sep
Gm13986,3.47E-14,1.254406701,0.859,0.465,1.12E-09,2,Gm13986
Ctsd,4.06E-08,1.268886236,1,0.945,0.001309297,5,Ctsd
Hebp1,2.82E-18,1.271718571,0.543,0.071,9.09E-14,5,Hebp1
Actn1,1.77E-20,1.315905903,0.486,0.045,5.70E-16,5,Actn1
Cd44.1,3.32E-07,1.32052257,0.914,0.676,0.010725472,5,Cd44
F13a1,2.45E-20,1.344905429,0.806,0.312,7.92E-16,1,F13a1
Itgax,8.86E-20,1.352390089,0.6,0.074,2.86E-15,5,Itgax

Axl.1,2.30E-12,1.353429508,0.6,0.142,7.44E-08,5,Axl
Olr1,1.64E-13,1.357445472,0.629,0.126,5.30E-09,5,Olr1
Atp6v0d2,3.65E-13,1.381871772,0.571,0.116,1.18E-08,5,Atp6v0d2
Spp1,2.01E-09,1.382331995,0.314,0.045,6.50E-05,5,Spp1
Wfdc21,6.97E-12,1.389182462,0.514,0.1,2.25E-07,5,Wfdc21
Prdx1,1.20E-06,1.398375867,0.914,0.803,0.038773035,5,Prdx1
Lipa,8.94E-08,1.404569779,0.886,0.513,0.002886782,5,Lipa
Ly75.1,5.84E-18,1.430565525,0.514,0.058,1.88E-13,5,Ly75
Ctsk,7.34E-15,1.437253442,0.571,0.095,2.37E-10,5,Ctsk
Tgfbr1.1,9.12E-08,1.450211027,0.571,0.203,0.00294476,5,Tgfbr1
AU020206,4.79E-08,1.455800529,0.543,0.179,0.001545916,5,AU020206
Rad51b.1,4.72E-20,1.468134682,0.958,0.512,1.53E-15,2,Rad51b
Tcf7l2.1,1.40E-07,1.478098899,0.8,0.439,0.004506491,5,Tcf7l2
Cd9.2,2.98E-09,1.487114431,1,0.834,9.61E-05,5,Cd9
Lgals3,3.33E-08,1.492152578,0.886,0.576,0.00107557,5,Lgals3
Plet1,2.27E-14,1.535315427,0.571,0.105,7.32E-10,5,Plet1
Mmp8,2.11E-12,1.54431656,0.257,0.018,6.83E-08,5,Mmp8
Mt2,4.14E-10,1.567643097,0.486,0.111,1.34E-05,5,Mt2
Mrc1.2,3.42E-11,1.6398862,0.6,0.158,1.10E-06,5,Mrc1
Lcp1.1,1.32E-09,1.798480284,0.914,0.571,4.25E-05,5,Lcp1
Lpl.1,2.97E-08,1.816237589,0.886,0.592,0.000959396,5,Lpl
Pparg.1,1.92E-13,1.858855068,0.486,0.076,6.21E-09,5,Pparg
Ear2,1.24E-16,1.91687882,0.571,0.089,4.01E-12,5,Ear2
Retnla.1,3.04E-08,2.737829013,0.296,0.085,0.000982335,1,Retnla
Retnlg,4.41E-08,3.011455794,0.229,0.029,0.00142438,5,Retnlg