**Supplementary Table 3. Genes related to atherosclerosis.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Gene\_ID** | **Gene\_name** | **log2FC** | ***P v*alue** | ***P*adj** | **References** |
| ENSMUSG00000015837 | *Sqstm1* | 2.671  | 0.000  | 0.000  | [1-3] |
| ENSMUSG00000070327 | *Rnf213* | -3.729  | 0.000  | 0.000  | [4] |
| ENSMUSG00000028691 | *Prdx1* | 2.246  | 0.000  | 0.000  | [5] |
| ENSMUSG00000058427 | *Cxcl2* | 4.226  | 0.000  | 0.000  | [6, 7] |
| ENSMUSG00000025203 | *Scd2* | -4.570  | 0.000  | 0.000  | [8] |
| ENSMUSG00000005413 | *Hmox1* | 2.911  | 0.000  | 0.000  | [9, 10] |
| ENSMUSG00000024621 | *Csf1r* | -2.026  | 0.000  | 0.000  | [11] |
| ENSMUSG00000015568 | *Lpl* | -3.524  | 0.000  | 0.000  | [12] |
| ENSMUSG00000032487 | *Ptgs2* | 2.184  | 0.000  | 0.000  | [13] |
| ENSMUSG00000003541 | *Ier3* | 3.404  | 0.000  | 0.000  | [3] |
| ENSMUSG00000027737 | *Slc7a11* | 2.693  | 0.000  | 0.000  | [14] |
| ENSMUSG00000028124 | *Gclm* | 2.144  | 0.000  | 0.000  | [15] |
| ENSMUSG00000027009 | *Itga4* | -2.867  | 0.000  | 0.000  | [16] |
| ENSMUSG00000034422 | *Parp14* | -5.062  | 0.000  | 0.000  | [17] |
| ENSMUSG00000032661 | *Oas3* | -5.934  | 0.000  | 0.000  | [18] |
| ENSMUSG00000027763 | *Mbnl1* | -2.321  | 0.000  | 0.000  | [19] |
| ENSMUSG00000004266 | *Ptpn6* | -2.376  | 0.000  | 0.000  | [20, 21] |
| ENSMUSG00000027639 | *Samhd1* | -2.469  | 0.000  | 0.000  | [22] |
| ENSMUSG00000021670 | *Hmgcr* | -2.641  | 0.000  | 0.000  | [23] |
| ENSMUSG00000030142 | *Clec4e* | 2.664  | 0.000  | 0.000  | [24] |
| ENSMUSG00000045932 | *Ifit2* | -7.743  | 0.000  | 0.000  | [25] |
| ENSMUSG00000025498 | *Irf7* | -6.012  | 0.000  | 0.000  | [26] |
| ENSMUSG00000010663 | *Fads1* | -2.104  | 0.000  | 0.000  | [27] |
| ENSMUSG00000026981 | *Il1rn* | 2.817  | 0.000  | 0.000  | [28] |
| ENSMUSG00000021306 | *Gpr137b* | 2.320  | 0.000  | 0.000  | [29] |
| ENSMUSG00000070348 | *Ccnd1* | -3.485  | 0.000  | 0.000  | [30] |
| ENSMUSG00000002307 | *Daxx* | -2.562C | 0.000  | 0.000  | [31] |
| ENSMUSG00000032802 | *Srxn1* | 2.293  | 0.000  | 0.000  | [32] |
| ENSMUSG00000052684 | *Jun* | 2.678  | 0.000  | 0.000  | [33] |
| ENSMUSG00000024665 | *Fads2* | -3.542  | 0.000  | 0.000  | [34] |
| ENSMUSG00000032193 | *Ldlr* | -5.955  | 0.000  | 0.000  | [35] |
| ENSMUSG00000028037 | *Ifi44* | -6.939  | 0.000  | 0.000  | [36] |
| ENSMUSG00000028494 | *Plin2* | 2.060  | 0.000  | 0.000  | [37] |
| ENSMUSG00000015340 | *Cybb* | -2.465  | 0.000  | 0.000  | [38] |
| ENSMUSG00000046879 | *Irgm1* | -4.777  | 0.000  | 0.000  | [39] |
| ENSMUSG00000033105 | *Lss* | -2.437  | 0.000  | 0.000  | [40] |
| ENSMUSG00000032690 | *Oas2* | -5.713  | 0.000  | 0.000  | [18] |
| ENSMUSG00000001467 | *Cyp51* | -3.720  | 0.000  | 0.000  | [41] |
| ENSMUSG00000022351 | *Sqle* | -2.406  | 0.000  | 0.000  | [42] |
| ENSMUSG00000036103 | *Colec12* | 2.140  | 0.000  | 0.000  | [43] |
| ENSMUSG00000040033 | *Stat2* | -3.686  | 0.000  | 0.000  | [18] |
| ENSMUSG00000020641 | *Rsad2* | -5.071  | 0.000  | 0.000  | [44] |
| ENSMUSG00000024190 | *Dusp1* | 4.728  | 0.000  | 0.000  | [45] |
| ENSMUSG00000015947 | *Fcgr1* | -2.239  | 0.000  | 0.000  | [46] |
| ENSMUSG00000035692 | *Isg15* | -3.323  | 0.000  | 0.000  | [47, 48] |
| ENSMUSG00000063268 | *Parp10* | -4.420  | 0.000  | 0.000  | [49, 50] |
| ENSMUSG00000033880 | *Lgals3bp* | -5.499  | 0.000  | 0.000  | [51] |
| ENSMUSG00000069516 | *Lyz2* | -2.002  | 0.000  | 0.000  | [52] |
| ENSMUSG00000022150 | *Dab2* | -2.266  | 0.000  | 0.000  | [53] |
| ENSMUSG00000078566 | *Bnip3* | 3.574  | 0.000  | 0.000  | [54] |
| ENSMUSG00000053470 | *Kdm3a* | 2.461  | 0.000  | 0.000  | [55] |
| ENSMUSG00000029771 | *Irf5* | -2.048  | 0.000  | 0.000  | [56] |
| ENSMUSG00000034926 | *Dhcr24* | -3.700  | 0.000  | 0.000  | [57] |
| ENSMUSG00000002233 | *Rhoc* | 2.041  | 0.000  | 0.000  | [58] |
| ENSMUSG00000034459 | *Ifit1* | -7.153  | 0.000  | 0.000  | [25] |
| ENSMUSG00000022906 | *Parp9* | -4.015  | 0.000  | 0.000  | [17] |
| ENSMUSG00000005583 | *Mef2c* | -3.227  | 0.000  | 0.000  | [59] |
| ENSMUSG00000037936 | *Scarb1* | -3.033  | 0.000  | 0.000  | [60] |
| ENSMUSG00000037071 | *Scd1* | -6.491  | 0.000  | 0.000  | [61] |
| ENSMUSG00000017830 | *Dhx58* | -5.650  | 0.000  | 0.000  | [62] |
| ENSMUSG00000018899 | *Irf1* | -3.848 | 0.000  | 0.000  | [62, 63] |
| ENSMUSG00000058755 | *Osm* | 2.957  | 0.000  | 0.000  | [64] |
| ENSMUSG00000093930 | *Hmgcs1* | -2.911  | 0.000  | 0.000  | [41] |
| ENSMUSG00000034118 | *Tpst1* | -3.161  | 0.000  | 0.000  | [65] |
| ENSMUSG00000022951 | *Rcan1* | 2.455  | 0.000  | 0.000  | [66] |
| ENSMUSG00000018217 | *Pmp22* | 2.216  | 0.000  | 0.000  | [67] |
| ENSMUSG00000005124 | *Wisp1* | 4.678  | 0.000  | 0.000  | [68] |
| ENSMUSG00000024399 | *Ltb* | -3.237  | 0.000  | 0.000  | [69] |
| ENSMUSG00000023832 | *Acat2* | -3.773  | 0.000  | 0.000  | [70] |
| ENSMUSG00000026675 | *Hsd17b7* | -2.593  | 0.000  | 0.000  | [41] |
| ENSMUSG00000058258 | *Idi1* | -3.965  | 0.000  | 0.000  | [71] |
| ENSMUSG00000001123 | *Lgals9* | -5.905  | 0.000  | 0.000  | [51] |
| ENSMUSG00000041220 | *Elovl6* | -3.663  | 0.000  | 0.000  | [72] |
| ENSMUSG00000010358 | *Ifi35* | -3.776  | 0.000  | 0.000  | [73] |
| ENSMUSG00000031349 | *Nsdhl* | -3.429  | 0.000  | 0.000  | [74] |
| ENSMUSG00000039853 | *Trim14* | -3.127  | 0.000  | 0.000  | [75] |
| ENSMUSG00000026104 | *Stat1* | -4.464  | 0.000  | 0.000  | [76, 77] |
| ENSMUSG00000043421 | *Hilpda* | 3.491  | 0.000  | 0.000  | [78] |
| ENSMUSG00000052336 | *Cx3cr1* | -4.280  | 0.000  | 0.000  | [79] |
| ENSMUSG00000030966 | *Trim21* | -4.673  | 0.000  | 0.000  | [80] |
| ENSMUSG00000003545 | *Fosb* | 4.454  | 0.000  | 0.000  | [81] |
| ENSMUSG00000058454 | *Dhcr7* | -2.724  | 0.000  | 0.000  | [82] |
| ENSMUSG00000044583 | *Tlr7* | -2.055  | 0.000  | 0.000  | [83-85] |
| ENSMUSG00000026896 | *Ifih1* | -2.693 | 0.000  | 0.000  | [86] |
| ENSMUSG00000002325 | *Irf9* | -2.327  | 0.000  | 0.000  | [87] |
| ENSMUSG00000028599 | *Tnfrsf1b* | 2.026  | 0.000  | 0.000  | [88] |
| ENSMUSG00000026773 | *Pfkfb3* | 2.062  | 0.000  | 0.000  | [89] |
| ENSMUSG00000023905 | *Tnfrsf12a* | 2.789  | 0.000  | 0.000  | [90] |
| ENSMUSG00000034765 | *Dusp5* | 2.200  | 0.000  | 0.000  | [91] |
| ENSMUSG00000042082 | *Arsb* | -2.358  | 0.000  | 0.000  | [92] |
| ENSMUSG00000079017 | *Ifi27l2a* | -5.677  | 0.000  | 0.000  | [18] |
| ENSMUSG00000048779 | *P2ry6* | -5.681  | 0.000  | 0.000  | [93] |
| ENSMUSG00000026826 | *Nr4a2* | 3.022  | 0.000  | 0.000  | [94] |
| ENSMUSG00000030102 | *Itpr1* | -2.028  | 0.000  | 0.000  | [95] |
| ENSMUSG00000027605 | *Acss2* | -3.218  | 0.000  | 0.000  | [71] |
| ENSMUSG00000041939 | *Mvk* | -2.707  | 0.000  | 0.000  | [96] |
| ENSMUSG00000025044 | *Msr1* | -2.812  | 0.000  | 0.000  | [70, 97] |
| ENSMUSG00000027322 | *Siglec1* | -7.931  | 0.000  | 0.000  | [98] |
| ENSMUSG00000028238 | *Atp6v0d2* | 2.957  | 0.000  | 0.000  | [99] |
| ENSMUSG00000027951 | *Adar* | -2.102  | 0.000  | 0.000  | [100] |
| ENSMUSG00000004791 | *Pgf* | 5.765  | 0.000  | 0.000  | [101] |
| ENSMUSG00000019947 | *Arid5b* | 2.010  | 0.000  | 0.000  | [102] |
| ENSMUSG00000039217 | *Il18* | -4.527  | 0.000  | 0.000  | [103] |
| ENSMUSG00000038508 | *Gdf15* | 3.277  | 0.000  | 0.000  | [104] |
| ENSMUSG00000002602 | *Axl* | -6.006  | 0.000  | 0.000  | [105] |
| ENSMUSG00000031639 | *Tlr3* | -7.830  | 0.000  | 0.000  | [106] |
| ENSMUSG00000021367 | *Edn1* | 6.089  | 0.000  | 0.000  | [107] |
| ENSMUSG00000020838 | *Slc6a4* | -3.319  | 0.000  | 0.000  | [108] |
| ENSMUSG00000028341 | *Nr4a3* | 6.235  | 0.000  | 0.000  | [109] |
| ENSMUSG00000032066 | *Bco2* | -3.424  | 0.000  | 0.000  | [110] |
| ENSMUSG00000006445 | *Epha2* | 2.095  | 0.000  | 0.000  | [111] |
| ENSMUSG00000025036 | *Sfxn2* | -2.745  | 0.000  | 0.000  | [112] |
| ENSMUSG00000023034 | *Nr4a1* | 2.696  | 0.000  | 0.000  | [113] |
| ENSMUSG00000025076 | *Casp7* | -3.026  | 0.000  | 0.000  | [114] |
| ENSMUSG00000027360 | *Hdc* | -3.293  | 0.000  | 0.000  | [115] |
| ENSMUSG00000022346 | *Myc* | 2.508  | 0.000  | 0.000  | [116] |
| ENSMUSG00000059743 | *Fdps* | -3.804  | 0.000  | 0.000  | [117] |
| ENSMUSG00000048806 | *Ifnb1* | -5.875  | 0.000  | 0.000  | [118] |
| ENSMUSG00000028064 | *Sema4a* | -2.485  | 0.000  | 0.000  | [119] |
| ENSMUSG00000044701 | *Il27* | -5.141  | 0.000  | 0.000  | [120] |
| ENSMUSG00000020593 | *Lpin1* | -2.803  | 0.000  | 0.000  | [121] |
| ENSMUSG00000039304 | *Tnfsf10* | -6.820  | 0.000  | 0.000  | [122, 123] |
| ENSMUSG00000036353 | *P2ry12* | -4.602  | 0.000  | 0.000  | [2] |
| ENSMUSG00000053846 | *Lipg* | -9.920  | 0.000  | 0.000  | [124] |
| ENSMUSG00000051682 | *Treml4* | 2.733  | 0.000  | 0.000  | [125] |
| ENSMUSG00000029361 | *Nos1* | 3.387  | 0.000  | 0.000  | [126] |
| ENSMUSG00000071713 | *Csf2rb* | -2.292  | 0.000  | 0.000  | [127] |
| ENSMUSG00000055994 | *Nod2* | -2.057  | 0.000  | 0.000  | [128] |
| ENSMUSG00000026365 | *Cfh* | -2.898  | 0.000  | 0.000  | [129] |
| ENSMUSG00000070385 | *Ampd1* | 3.055  | 0.000  | 0.000  | [130] |
| ENSMUSG00000006611 | *Hfe* | -3.216  | 0.000  | 0.000  | [131] |
| ENSMUSG00000027646 | *Src* | 3.244  | 0.000  | 0.000  | [132] |
| ENSMUSG00000034394 | *Lif* | 3.744  | 0.000  | 0.000  | [133] |
| ENSMUSG00000022548 | *Apod* | -9.398  | 0.000  | 0.000  | [134] |
| ENSMUSG00000025880 | *Smad7* | 2.731  | 0.000  | 0.000  | [135] |
| ENSMUSG00000010051 | *Hyal1* | 2.130  | 0.000  | 0.000  | [136] |
| ENSMUSG00000038037 | *Socs1* | -2.085  | 0.000  | 0.000  | [137] |
| ENSMUSG00000032238 | *Rora* | 3.546  | 0.000  | 0.000  | [138] |
| ENSMUSG00000036362 | *P2ry13* | -5.457  | 0.000  | 0.000  | [139] |
| ENSMUSG00000001930 | *Vwf* | 4.452  | 0.000  | 0.000  | [140] |
| ENSMUSG00000037820 | *Tgm2* | 6.882  | 0.000  | 0.000  | [141] |
| ENSMUSG00000037411 | *Serpine1* | 4.053  | 0.000  | 0.000  | [142] |
| ENSMUSG00000031955 | *Bcar1* | 3.024  | 0.000  | 0.000  | [143] |
| ENSMUSG00000028111 | *Ctsk* | 2.716  | 0.000  | 0.000  | [144] |
| ENSMUSG00000068740 | *Celsr2* | 2.660  | 0.000  | 0.000  | [145] |
| ENSMUSG00000031266 | *Gla* | 2.466  | 0.000  | 0.000  | [146] |
| ENSMUSG00000026321 | *Tnfrsf11a* | -2.930  | 0.000  | 0.000  | [147] |
| ENSMUSG00000022912 | *Pros1* | -2.391  | 0.000  | 0.000  | [105] |
| ENSMUSG00000001946 | *Esam* | 2.710  | 0.000  | 0.000  | [105] |
| ENSMUSG00000000682 | *Cd52* | -2.685 | 0.000  | 0.000  | [148] |
| ENSMUSG00000020620 | *Abca8b* | 3.692  | 0.000  | 0.000  | [149] |
| ENSMUSG00000033446 | *Lpar6* | -2.072  | 0.000  | 0.000  | [150] |
| ENSMUSG00000015243 | *Abca1* | -2.919  | 0.000  | 0.000  | [70, 97] |
| ENSMUSG00000003379 | *Cd79a* | 3.590  | 0.000  | 0.000  | [151] |
| ENSMUSG00000001020 | *S100a4* | -2.233  | 0.000  | 0.000  | [152] |
| ENSMUSG00000020892 | *Aloxe3* | 4.224  | 0.000  | 0.000  | [153] |
| ENSMUSG00000025804 | *Ccr1* | 2.638  | 0.000  | 0.000  | [154] |
| ENSMUSG00000026921 | *Egfl7* | -2.728  | 0.000  | 0.000  | [155] |
| ENSMUSG00000005824 | *Tnfsf14* | 2.536  | 0.000  | 0.000  | [156] |
| ENSMUSG00000029925 | *Tbxas1* | -3.739  | 0.000  | 0.000  | [157] |
| ENSMUSG00000035373 | *Ccl7* | 3.174  | 0.000  | 0.000  | [158] |
| ENSMUSG00000049608 | *Gpr55* | -2.882  | 0.000  | 0.000  | [159] |
| ENSMUSG00000024391 | *Apom* | 2.025  | 0.000  | 0.000  | [160] |
| ENSMUSG00000042745 | *Id1* | 2.924  | 0.000  | 0.000  | [161] |
| ENSMUSG00000031637 | *Lrp2bp* | 2.760  | 0.000  | 0.000  | [162] |
| ENSMUSG00000020447 | *Npc1l1* | 2.591  | 0.000  | 0.000  | [163] |
| ENSMUSG00000030046 | *Bmp10* | -4.576  | 0.000  | 0.000  | [164] |
| ENSMUSG00000027318 | *Adam33* | -4.269  | 0.000  | 0.000  | [165] |
| ENSMUSG00000015966 | *Il17rb* | 2.277  | 0.000  | 0.000  | [166] |
| ENSMUSG00000031896 | *Ctrl* | -3.040  | 0.000  | 0.000  | [167] |
| ENSMUSG00000042784 | *Muc1* | 2.860  | 0.000  | 0.000  | [168] |
| ENSMUSG00000019987 | *Arg1* | 2.207  | 0.000  | 0.000  | [169] |
| ENSMUSG00000003849 | *Nqo1* | 2.211  | 0.000  | 0.000  | [170] |
| ENSMUSG00000062585 | *Cnr2* | -2.258  | 0.000  | 0.000  | [171] |
| ENSMUSG00000052013 | *Btla* | -4.449  | 0.000  | 0.000  | [172] |
| ENSMUSG00000030156 | *Cd69* | -3.662  | 0.000  | 0.000  | [173] |
| ENSMUSG00000001663 | *Gstt1* | -3.958  | 0.000  | 0.000  | [174] |
| ENSMUSG00000045382 | *Cxcr4* | 3.737  | 0.000  | 0.000  | [175] |
| ENSMUSG00000037542 | *Aldh8a1* | 4.155  | 0.000  | 0.000  | [176] |
| ENSMUSG00000031078 | *Cttn* | 2.599  | 0.000  | 0.000  | [177] |
| ENSMUSG00000027204 | *Fbn1* | -6.851  | 0.000  | 0.000  | [178] |
| ENSMUSG00000033377 | *Palmd* | 4.104  | 0.000  | 0.000  | [179] |
| ENSMUSG00000047959 | *Kcna3* | -6.441  | 0.000  | 0.000  | [180] |
| ENSMUSG00000005320 | *Fgfr4* | 2.794  | 0.000  | 0.000  | [181] |
| ENSMUSG00000038179 | *Slamf7* | 3.566  | 0.000  | 0.000  | [182] |
| ENSMUSG00000034881 | *Tbxa2r* | 2.872  | 0.000  | 0.000  | [183] |
| ENSMUSG00000074037 | *Mc1r* | 3.442  | 0.000  | 0.000  | [184] |
| ENSMUSG00000056671 | *Prelid2* | 2.186  | 0.000  | 0.000  | [185] |
| ENSMUSG00000024793 | *Tnfrsf25* | -2.497  | 0.000  | 0.000  | [186] |
| ENSMUSG00000009350 | *Mpo* | 4.619  | 0.000  | 0.000  | [187] |
| ENSMUSG00000039521 | *Foxp3* | 2.394  | 0.000  | 0.000  | [188] |
| ENSMUSG00000030324 | *Rho* | 3.921  | 0.000  | 0.000  | [189] |
| ENSMUSG00000030223 | *Ptpro* | -2.456 | 0.000  | 0.000  | [190] |
| ENSMUSG00000028427 | *Aqp7* | 2.403  | 0.000  | 0.000  | [191] |
| ENSMUSG00000053469 | *Tg* | 2.135  | 0.000  | 0.000  | [192] |
| ENSMUSG00000061878 | *Sphk1* | 2.802  | 0.000  | 0.000  | [193] |
| ENSMUSG00000079164 | *Tlr5* | -6.389  | 0.000  | 0.000  | [194] |
| ENSMUSG00000102037 | *Bcl2a1a* | -2.348  | 0.000  | 0.000  | [195] |
| ENSMUSG00000031766 | *Slc12a3* | 4.223  | 0.000  | 0.000  | [196] |
| ENSMUSG00000032083 | *Apoa1* | 3.381  | 0.000  | 0.000  | [70, 97] |
| ENSMUSG00000027398 | *Il1b* | -2.520  | 0.000  | 0.000  | [97, 197] |
| ENSMUSG00000025754 | *Agbl1* | -6.047  | 0.000  | 0.000  | [198] |
| ENSMUSG00000039193 | *Nlrc4* | -2.291  | 0.000  | 0.000  | [199] |
| ENSMUSG00000030895 | *Hpx* | 3.125  | 0.000  | 0.000  | [200] |
| ENSMUSG00000026009 | *Icos* | -3.397  | 0.000  | 0.000  | [201] |
| ENSMUSG00000041548 | *Hspb8* | 3.592  | 0.000  | 0.000  | [202] |
| ENSMUSG00000051136 | *Ghsr* | 4.322  | 0.000  | 0.000  | [203] |
| ENSMUSG00000029859 | *Epha1* | 4.265  | 0.000  | 0.000  | [204] |
| ENSMUSG00000016529 | *Il10* | 3.695  | 0.000  | 0.000  | [205] |
| ENSMUSG00000030124 | *Lag3* | 2.867  | 0.000  | 0.000  | [206] |
| ENSMUSG00000027070 | *Lrp2* | 3.538  | 0.000  | 0.000  | [207] |
| ENSMUSG00000041460 | *Cacna2d4* | -2.800  | 0.000  | 0.000  | [208] |
| ENSMUSG00000040592 | *Cd79b* | 4.147  | 0.000  | 0.000  | [209] |
| ENSMUSG00000004698 | *Hdac9* | -2.759  | 0.000  | 0.000  | [210] |
| ENSMUSG00000026700 | *Tnfsf4* | 2.197  | 0.000  | 0.000  | [211] |
| ENSMUSG00000014813 | *Stc1* | -3.570  | 0.000  | 0.000  | [212] |
| ENSMUSG00000002289 | *Angptl4* | -2.203  | 0.000  | 0.000  | [213] |
| ENSMUSG00000091971 | *Hspa1a* | 5.484  | 0.000  | 0.000  | [214] |
| ENSMUSG00000023914 | *Mep1a* | 5.484  | 0.000  | 0.000  | [215] |
| ENSMUSG00000020122 | *Egfr* | 2.977  | 0.000  | 0.000  | [216] |
| ENSMUSG00000018916 | *Csf2* | -3.237  | 0.000  | 0.000  | [217] |
| ENSMUSG00000022683 | *Pla2g10* | 2.815  | 0.000  | 0.000  | [218] |
| ENSMUSG00000003665 | *Has1* | 3.300  | 0.000  | 0.000  | [219] |
| ENSMUSG00000020902 | *Ntn1* | 2.830  | 0.000  | 0.000  | [220] |
| ENSMUSG00000029530 | *Ccr9* | 2.000  | 0.000  | 0.000  | [221] |
| ENSMUSG00000057530 | *Ece1* | -2.578  | 0.000  | 0.000  | [222] |
| ENSMUSG00000002996 | *Hbp1* | 2.218 | 0.000 | 0.000 | [223] |
| ENSMUSG00000020808 | *Pimreg* | -2.363  | 0.000  | 0.000 | [224] |
| ENSMUSG00000042333 | *Tnfrsf14* | -5.594 | 0.000  | 0.000  | [225] |
| ENSMUSG00000026069 | *Il1rl1* | -2.299 | 0.000  | 0.000  | [226] |
| ENSMUSG00000035448 | *Ccr3* | 2.976 | 0.000 | 0.001 | [227] |
| ENSMUSG00000063903 | *Klk1* | 5.296  | 0.000  | 0.001  | [228] |
| ENSMUSG00000028874 | *Fgr* | -2.734  | 0.000  | 0.001  | [229] |
| ENSMUSG00000050440 | *Hamp* | 3.801  | 0.001  | 0.001  | [230] |
| ENSMUSG00000040329 | *Il7* | -2.597  | 0.001  | 0.002  | [231] |
| ENSMUSG00000028763 | *Hspg2* | 2.661  | 0.001  | 0.002  | [232] |
| ENSMUSG00000012705 | *Retn* | 5.079  | 0.001  | 0.004  | [233] |
| ENSMUSG00000026117 | *Zap70* | 2.727  | 0.002  | 0.004  | [234] |
| ENSMUSG00000050395 | *Tnfsf15* | -4.887  | 0.002  | 0.005  | [235] |
| ENSMUSG00000015854 | *Cd5l* | -2.886  | 0.002  | 0.006  | [236] |
| ENSMUSG00000028661 | *Epha8* | 3.018  | 0.002  | 0.006  | [204] |
| ENSMUSG00000104713 | *Gbp6* | -3.328  | 0.003  | 0.006  | [237] |
| ENSMUSG00000029379 | *Cxcl3* | 3.447  | 0.003  | 0.008  | [238, 239] |
| ENSMUSG00000027460 | *Angpt4* | -2.806  | 0.004  | 0.008  | [240] |
| ENSMUSG00000028602 | *Tnfrsf8* | 2.936  | 0.004  | 0.008  | [241] |
| ENSMUSG00000026070 | *Il18r1* | -2.041  | 0.004  | 0.009  | [242] |
| ENSMUSG00000026866 | *Kynu* | -4.760  | 0.004  | 0.010  | [243] |
| ENSMUSG00000057378 | *Ryr3* | 4.825  | 0.004  | 0.010  | [244] |
| ENSMUSG00000063415 | *Cyp26b1* | 4.825  | 0.004  | 0.010  | [245] |
| ENSMUSG00000030162 | *Olr1* | 4.825  | 0.004  | 0.010  | [70] |
| ENSMUSG00000038146 | *Notch3* | 4.825  | 0.004  | 0.010  | [246] |
| ENSMUSG00000015355 | *Cd48* | -2.081  | 0.005  | 0.012  | [246] |
| ENSMUSG00000033208 | *S100b* | 2.002  | 0.005  | 0.012  | [247] |
| ENSMUSG00000050578 | *Mmp13* | 2.289  | 0.006  | 0.013  | [248] |
| ENSMUSG00000014361 | *Mertk* | 4.678  | 0.007  | 0.016  | [249] |
| ENSMUSG00000031994 | *Adamts8* | 4.679  | 0.007  | 0.016  | [250] |
| ENSMUSG00000022816 | *Fstl1* | 4.679  | 0.007  | 0.016  | [251] |
| ENSMUSG00000040899 | *Ccr6* | 4.677  | 0.007  | 0.016  | [252, 253] |
| ENSMUSG00000039153 | *Runx2* | 4.677  | 0.007  | 0.016  | [254] |
| ENSMUSG00000033805 | *Ephx4* | 2.344  | 0.007  | 0.017  | [255] |
| ENSMUSG00000040505 | *Abcg5* | 2.758  | 0.008  | 0.018  | [256] |
| ENSMUSG00000036856 | *Wnt4* | 3.231  | 0.008  | 0.019  | [257] |
| ENSMUSG00000030278 | *Cidec* | 2.212  | 0.012  | 0.026  | [258] |
| ENSMUSG00000031503 | *Col4a2* | 2.346  | 0.012  | 0.027  | [259] |
| ENSMUSG00000075602 | *Ly6a* | -4.451  | 0.013  | 0.027  | [260] |
| ENSMUSG00000022483 | *Col2a1* | 4.515  | 0.013  | 0.027  | [261] |
| ENSMUSG00000020963 | *Tshr* | 2.344  | 0.015  | 0.031  | [262] |
| ENSMUSG00000022504 | *Ciita* | 2.561  | 0.018  | 0.038  | [263] |
| ENSMUSG00000007888 | *Crlf1* | 2.157  | 0.020  | 0.042  | [77] |
| ENSMUSG00000022382 | *Wnt7b* | -2.857 | 0.022 | 0.045 | [264] |
| ENSMUSG00000021388 | *Aspn* | 2.975  | 0.022  | 0.045  | [265] |
| ENSMUSG00000023057 | *Fabp2* | 4.332  | 0.023  | 0.047  | [266] |
| ENSMUSG00000029380 | *Cxcl1* | 4.332  | 0.023  | 0.047  | [267] |
| ENSMUSG00000089678 | *Agxt2* | 4.331  | 0.023  | 0.047  | [268] |
| ENSMUSG00000039672 | *Kcne2* | -4.260  | 0.023  | 0.047  | [269]　 |

# 0.000 means <0.0001.

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