**Table S13. Venn diagram separation of transcripts significantly regulated differentially between the GIT2KO inguinal lymph node (ILN), mesenteric lymph node (MLN), Spleen and Thymus compared to WT tissue counterparts.** The official Gene Symbol and associated Z ratios for the comparisons of the GIT2KO *vs.* WT tissues at the 12 month time point are indicated. Each transcript was significantly regulated at p<0.05, with a Z ratio >± 1.5.

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|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Gene Symbol** | **ILN** | **MLN** | **Spleen** | **Thymus** |
| Kras | 7.67 | 5.88 | 3.72 | 4.16 |
| H2-T10 | 7.08 | 8.5 | 4.57 | 10.36 |
| Pik3cg | 6.03 | 6.48 | 1.99 | 3.48 |
| Hp | 6 | 4.35 | 5.97 | 8.67 |
| Gfer | 4.25 | 3.23 | 2.19 | 2.55 |
| Ndufb10 | 4.21 | 4.08 | 1.84 | 2.44 |
| Glo1 | 4.01 | 4.91 | 3.1 | 3.83 |
| LOC100043671 | 3.93 | 4.77 | 1.71 | 5.98 |
| Adi1 | 3.79 | 4.99 | 3.49 | 5.38 |
| Sqle | 3.62 | 3 | 2.49 | 2.51 |
| Eno1 | 2.85 | 1.54 | 2.42 | 4.29 |
| Cnot7 | 2.58 | 1.84 | 1.82 | 1.53 |
| Rnase4 | 1.68 | 2.77 | 4.51 | 2.89 |
|  |  |  |  |  |
| Tnrc6a | -1.59 | -1.69 | -2.1 | -2.2 |
| Vars | -1.73 | -1.85 | -2.93 | -2.15 |
| Spsb3 | -1.98 | -1.62 | -1.8 | -2.12 |
| Gtf2h1 | -2.01 | -1.62 | -2.24 | -2.39 |
| 4933439C20Rik | -2.1 | -2.36 | -2.11 | -1.84 |
| Btla | -2.18 | -2.56 | -2.57 | -1.55 |
| Gnptg | -2.55 | -1.55 | -1.64 | -2.84 |
| 4930432O21Rik | -2.66 | -1.55 | -4.32 | -1.59 |
| Sin3a | -2.72 | -3.03 | -1.9 | -2.55 |
| LOC545056 | -2.75 | -2.41 | -2.57 | -2.63 |
| Psg23 | -2.76 | -1.65 | -3.37 | -3.43 |
| Dpagt1 | -3.08 | -2.95 | -2.8 | -2.93 |
| Pkm2 | -3.08 | -4.21 | -1.96 | -2.12 |
| AI467606 | -3.13 | -2.23 | -2.73 | -1.96 |
| Bcl9l | -3.5 | -3.4 | -2.55 | -1.85 |
| Per2 | -3.56 | -1.61 | -1.61 | -2.94 |
| Tef | -4.16 | -2.96 | -3 | -3.27 |
| Tnfrsf4 | -4.3 | -2.65 | -2.97 | -3.83 |
| Rps3a | -4.62 | -2.92 | -4.89 | -4.16 |
| Tsc22d3 | -4.75 | -3.98 | -5.8 | -4.54 |
| Bsdc1 | -5.09 | -4.82 | -4 | -5.89 |
| LOC100044862 | -5.91 | -3.92 | -6.75 | -5.08 |
| 6430706D22Rik | -6.05 | -4.14 | -3.45 | -4.61 |
| Per1 | -6.09 | -3.42 | -2.45 | -3.19 |
| Dbp | -7.24 | -3.88 | -3.4 | -3.35 |
| Ddit4 | -7.77 | -5.8 | -3.94 | -4.14 |
| Mgst2 | -8.26 | -3.93 | -2.09 | -7.34 |
|  |  |  |  |  |
| Scd1 | 4.18 | 4.08 | -2.34 | 7.41 |
| Tmem66 | 3.88 | 5.97 | -2.74 | 3.73 |
| Vars2 | 2.31 | 1.72 | 1.5 | -1.72 |
| Arpc5 | 1.88 | -1.81 | 2.6 | 1.69 |
| Mgst1 | 1.63 | -2.4 | 2.82 | 5.76 |
| Il18r1 | -1.84 | 2.95 | -3.03 | -2.35 |
|  |  |  |  |  |
| Lpl | 4.57 |  | 2.05 | 5.91 |
| Hspa8 | 4.08 |  | 7.87 | 4.89 |
| Hnrpk | 3.41 |  | 3.97 | 2.87 |
| Actb | 3.39 |  | 5.24 | 3.12 |
| Aoc3 | 3.11 |  | 2.08 | 5.57 |
| Loxl1 | 2.9 |  | 1.59 | 3.28 |
| Eif5a | 2.73 |  | 4.99 | 2.92 |
| Pfn1 | 2.71 |  | 2.79 | 2.59 |
| Hnrnpa2b1 | 2.62 |  | 3.23 | 2.7 |
| Ptp4a2 | 2.58 |  | 2.89 | 3.07 |
| Hsp90ab1 | 2.49 |  | 3.83 | 2.03 |
| EG434858 | 2.48 |  | 3.32 | 3.01 |
| Ppp1ca | 2.41 |  | 4.55 | 3.51 |
| Sec61b | 2.4 |  | 2.41 | 1.73 |
| Idh3g | 2.35 |  | 4.19 | 4.32 |
| Stx8 | 2.34 |  | 2.63 | 2.21 |
| Sparc | 2.34 |  | 5.96 | 4.29 |
| Rps27a | 2.33 |  | 2.59 | 2.15 |
| Atp5f1 | 2.19 |  | 3.39 | 3.64 |
| Gnb1 | 2.16 |  | 2.46 | 1.68 |
| Caprin1 | 2.15 |  | 2.85 | 3.2 |
| Nudt4 | 2.13 |  | 2.35 | 2.46 |
| EG433923 | 2.11 |  | 3.01 | 3.44 |
| Nudt5 | 2.08 |  | 1.91 | 2.12 |
| Txnl4a | 2.04 |  | 3.92 | 2.94 |
| Tuba1a | 2 |  | 2.68 | 2.24 |
| Oxct1 | 1.99 |  | 2.66 | 2.2 |
| Mthfd1 | 1.99 |  | 2.73 | 1.82 |
| Dhx15 | 1.96 |  | 2.05 | 2.1 |
| Ndufc1 | 1.84 |  | 2.35 | 3.1 |
| Eif5 | 1.82 |  | 2.14 | 2.06 |
| Mrpl3 | 1.82 |  | 1.76 | 2.93 |
| Mylc2b | 1.78 |  | 2.61 | 2.31 |
| Psmd7 | 1.76 |  | 3.02 | 2.45 |
| Arpc1a | 1.74 |  | 3.41 | 1.73 |
| Smu1 | 1.74 |  | 2.19 | 3.15 |
| Ndufa12 | 1.72 |  | 2.29 | 3.26 |
| Gnas | 1.7 |  | 3.39 | 2.63 |
| Snrpd1 | 1.64 |  | 2.36 | 1.93 |
| Coro1a | 1.64 |  | 2.79 | 2.21 |
| Fdps | 1.58 |  | 2.12 | 2.04 |
| Nola2 | 1.57 |  | 2.24 | 2.65 |
| Col4a1 | 1.54 |  | 2.24 | 1.8 |
| Pcbp1 | 1.51 |  | 2.68 | 1.85 |
|  |  |  |  |  |
| Brd2 | -1.52 |  | -2.24 | -2.15 |
| Hp1bp3 | -1.59 |  | -2.68 | -1.64 |
| Arhgef1 | -1.66 |  | -1.53 | -1.58 |
| Cbx7 | -1.67 |  | -2.12 | -1.9 |
| Pde1b | -1.77 |  | -2.13 | -2.3 |
| Itgb7 | -1.79 |  | -2.72 | -1.98 |
| Hmha1 | -1.84 |  | -2.66 | -2.92 |
| Mib2 | -1.84 |  | -1.7 | -2.43 |
| Trib2 | -1.95 |  | -2.73 | -2.04 |
| 2610207I05Rik | -1.97 |  | -2.6 | -2.41 |
| D230007K08Rik | -2.03 |  | -2.41 | -3.31 |
| Dcp1b | -2.15 |  | -2.81 | -1.59 |
| Dgka | -2.15 |  | -1.55 | -1.9 |
| Tmem68 | -2.21 |  | -3.71 | -1.9 |
| Hcst | -2.37 |  | -1.73 | -1.72 |
| Klk8 | -2.41 |  | -1.98 | -2.54 |
| Cecr5 | -2.45 |  | -2.48 | -3.3 |
| Hmgcs2 | -2.6 |  | -1.77 | -2.17 |
| Gpr114 | -2.86 |  | -3 | -3.21 |
| EG434197 | -3.47 |  | -2.46 | -1.7 |
| Ctgf | -3.98 |  | -3.47 | -2.54 |
| Txnip | -4.14 |  | -2.56 | -2.47 |
| Dkk3 | -4.23 |  | -1.72 | -3.21 |
| Lgals4 | -4.42 |  | -3.5 | -2.82 |
| Emb | -14.52 |  | -8.37 | -10.7 |
|  |  |  |  |  |
| Sfrs5 | 2.13 |  | -1.64 | 2.8 |
| Cd44 | 1.52 |  | -2.15 | -1.95 |
| Fxyd5 | -2.24 |  | 1.71 | -1.63 |
| Igfbp4 | -2.31 |  | 1.79 | 2.04 |
| Cxcl12 | -2.67 |  | 5.32 | 3.19 |
| Dcn | -2.89 |  | 2.99 | 2.73 |
|  |  |  |  |  |
| Ctse | 14.23 | 13.47 |  | 9.86 |
| Phlda1 | 3.22 | 1.65 |  | 1.63 |
| Gng10 | 3.14 | 1.97 |  | 3.87 |
| Rnf11 | 1.94 | 2.45 |  | 2.32 |
| Rb1 | 1.88 | 3.73 |  | 1.92 |
| 2610204L23Rik | 1.84 | 2.12 |  | 1.78 |
| Ndn | 1.73 | 3.5 |  | 3.6 |
|  |  |  |  |  |
| Dgkz | -1.54 | -2 |  | -1.96 |
| BC025076 | -1.75 | -2.85 |  | -1.64 |
| Ssbp3 | -2.07 | -1.58 |  | -2.08 |
| Sidt2 | -2.5 | -2.1 |  | -1.9 |
| AI450540 | -2.6 | -1.78 |  | -1.72 |
| Trim56 | -2.71 | -1.78 |  | -1.61 |
| Rab27a | -2.86 | -1.57 |  | -2.65 |
| Vat1 | -2.88 | -2.41 |  | -1.81 |
| Tsc2 | -3.05 | -3.12 |  | -2.2 |
| Dusp7 | -3.38 | -3.77 |  | -2.67 |
| Galnt10 | -4.27 | -3.94 |  | -3.06 |
| LOC100047214 | -4.45 | -3.22 |  | -2.59 |
|  |  |  |  |  |
| Tspan3 | -5.06 | -3.3 |  | 2.8 |
| Prg2 | -5.1 | 2.93 |  | -1.57 |
|  |  |  |  |  |
| Cxcl9 | 4.91 | 4.85 | 1.85 |  |
| Fgd2 | 3.94 | 2.7 | 2.8 |  |
| Hebp1 | 3.33 | 2.11 | 2.12 |  |
| Cap1 | 3.1 | 3.93 | 3.21 |  |
| Sepx1 | 1.84 | 1.9 | 1.85 |  |
|  |  |  |  |  |
| Arhgef18 | -1.88 | -1.7 | -3.46 |  |
| Nt5e | -1.98 | -3.27 | -2.62 |  |
| 2310039H08Rik | -2.17 | -1.88 | -1.85 |  |
| Sesn1 | -2.45 | -2.04 | -3.16 |  |
| Cd3e | -2.8 | -1.63 | -2.88 |  |
| Atp1b1 | -3.28 | -2.51 | -2.22 |  |
| Hs3st1 | -3.4 | -3.12 | -3.09 |  |
| Bbc3 | -4.32 | -3.12 | -2.13 |  |
|  |  |  |  |  |
| Cd79b | 2.63 | -2 | 1.75 |  |
| LOC100047963 | 2.09 | 2.29 | -1.97 |  |
| Ifi47 | 1.6 | 2.3 | -1.52 |  |
| Lat | -1.83 | 1.94 | -3.98 |  |
| Cyp1b1 | -1.93 | 3.78 | -2.37 |  |
| Sepp1 | -2.73 | 2.59 | 3.4 |  |
|  |  |  |  |  |
| Cav1 | 3.23 |  |  | 5.37 |
| Hnrpa1 | 3.05 |  |  | 2.15 |
| Fh1 | 2.82 |  |  | 3.55 |
| Ppa1 | 2.74 |  |  | 2.21 |
| Nap1l1 | 2.58 |  |  | 2.08 |
| Tank | 2.34 |  |  | 1.69 |
| LOC100047934 | 2.25 |  |  | 3.19 |
| LOC100047155 | 2.23 |  |  | 2.14 |
| Msn | 2.2 |  |  | 2.64 |
| Inppl1 | 1.96 |  |  | 1.51 |
| Ywhag | 1.95 |  |  | 3.18 |
| Sdhc | 1.93 |  |  | 2.22 |
| 15-Sep | 1.92 |  |  | 3.07 |
| LOC100046855 | 1.82 |  |  | 1.69 |
| Gpd2 | 1.77 |  |  | 2.53 |
| Aacs | 1.7 |  |  | 2.28 |
| H3f3a | 1.69 |  |  | 2.42 |
| H2-K1 | 1.64 |  |  | 3.68 |
| Hsd17b12 | 1.64 |  |  | 2.4 |
| Snap23 | 1.62 |  |  | 1.99 |
| Pno1 | 1.61 |  |  | 2.67 |
| Rpa3 | 1.58 |  |  | 1.96 |
| Coq5 | 1.56 |  |  | 1.88 |
| LOC100045617 | 1.55 |  |  | 1.54 |
|  |  |  |  |  |
| Tgfbi | -1.51 |  |  | -1.6 |
| Ehmt2 | -1.52 |  |  | -1.63 |
| ORF61 | -1.55 |  |  | -1.56 |
| Map3k7ip1 | -1.55 |  |  | -2.33 |
| Bcl11b | -1.6 |  |  | -1.76 |
| Acox3 | -1.63 |  |  | -1.97 |
| Pik3r1 | -1.66 |  |  | -2.1 |
| Pacs2 | -1.66 |  |  | -1.77 |
| Zfp579 | -1.8 |  |  | -2.24 |
| Dscr1l2 | -1.82 |  |  | -1.87 |
| Psen2 | -1.95 |  |  | -2.76 |
| Ppox | -1.97 |  |  | -1.72 |
| Il6st | -2 |  |  | -1.54 |
| Prkcbp1 | -2.02 |  |  | -2.45 |
| 1810073G14Rik | -2.08 |  |  | -2.73 |
| Tcf25 | -2.2 |  |  | -2.44 |
| Rcan3 | -2.25 |  |  | -1.54 |
| Scarf2 | -2.57 |  |  | -1.92 |
| Ihpk1 | -2.6 |  |  | -2.02 |
| Acot1 | -2.89 |  |  | -2.1 |
| Mt1 | -3.91 |  |  | -2.45 |
| Inmt | -12.71 |  |  | -1.82 |
|  |  |  |  |  |
| Stat1 | 3.35 |  |  | -1.63 |
| Ly6d | 2.25 |  |  | -2.31 |
| Ccnd1 | 1.93 |  |  | -1.59 |
| Slc9a3r2 | -1.91 |  |  | 1.66 |
| Sdpr | -3.64 |  |  | 3.64 |
| Fmo1 | -4.15 |  |  | 3.62 |
| Hba-a1 | -7.67 |  |  | 8.33 |
|  |  |  |  |  |
| LOC100038882 | 5.41 |  | 3 |  |
| Lyz2 | 3.6 |  | 2.23 |  |
| Clec4n | 3.19 |  | 4.22 |  |
| Asns | 3 |  | 3.32 |  |
| Col6a1 | 2.59 |  | 2.09 |  |
| Cd9 | 2.58 |  | 2.68 |  |
| Gstm2 | 2.2 |  | 2.17 |  |
| Emp2 | 2.16 |  | 1.97 |  |
| H2-Ab1 | 2.14 |  | 1.71 |  |
| Csrp1 | 2.13 |  | 2.93 |  |
| Vwf | 2.13 |  | 2.56 |  |
| Hist1h2ak | 2.09 |  | 4.12 |  |
| Cnr2 | 2 |  | 1.77 |  |
| Uck2 | 1.98 |  | 1.62 |  |
| Mylk | 1.94 |  | 3.84 |  |
| Sphk1 | 1.9 |  | 3.02 |  |
| Gch1 | 1.89 |  | 3.02 |  |
| Ppp2r5c | 1.74 |  | 2.45 |  |
| Col4a2 | 1.72 |  | 3.2 |  |
| Adamts2 | 1.71 |  | 1.72 |  |
| Dhrs1 | 1.63 |  | 1.86 |  |
| Lcp1 | 1.5 |  | 2.01 |  |
|  |  |  |  |  |
| Atf7ip | -1.5 |  | -1.89 |  |
| Cd6 | -1.52 |  | -1.63 |  |
| D10Ertd641e | -1.53 |  | -1.57 |  |
| Entpd4 | -1.6 |  | -1.51 |  |
| Slc6a6 | -1.64 |  | -1.53 |  |
| Ttc3 | -1.67 |  | -1.5 |  |
| Cxcr4 | -1.68 |  | -2.75 |  |
| Gprasp1 | -1.79 |  | -2.64 |  |
| Ctsw | -1.83 |  | -2.4 |  |
| Cd27 | -1.86 |  | -3.23 |  |
| Lck | -1.91 |  | -2.82 |  |
| Dusp1 | -1.92 |  | -1.6 |  |
| Cd8b1 | -1.96 |  | -3.49 |  |
| Plrg1 | -1.97 |  | -2.15 |  |
| Zap70 | -2.15 |  | -1.79 |  |
| Itk | -2.28 |  | -2.67 |  |
| Ptpn22 | -2.36 |  | -3.9 |  |
| Mycl1 | -2.42 |  | -1.7 |  |
| Cd3d | -3.13 |  | -2.83 |  |
| Sult1a1 | -3.31 |  | -1.92 |  |
| Cd3g | -3.33 |  | -3.06 |  |
| Il7r | -4.17 |  | -5.11 |  |
| Slco2b1 | -4.54 |  | -2.13 |  |
|  |  |  |  |  |
| Lyz1 | 4.06 |  | -5.08 |  |
| B3gnt5 | 3.07 |  | -3.2 |  |
| Fcrla | 2.49 |  | -1.62 |  |
| Tnfrsf13c | 2.46 |  | -1.6 |  |
| Swap70 | 2.14 |  | -2.35 |  |
| H2-Ob | 2.11 |  | -1.72 |  |
| Bhlhb2 | 1.65 |  | -2.46 |  |
| Mfge8 | 1.65 |  | -2.13 |  |
| Ythdf2 | 1.52 |  | -2.24 |  |
| H2afx | -1.61 |  | 1.85 |  |
| Slc11a1 | -1.61 |  | 2.4 |  |
| Add1 | -1.63 |  | 1.73 |  |
| Nfix | -1.87 |  | 1.83 |  |
| Trf | -1.95 |  | 3.26 |  |
| Mmp2 | -2.05 |  | 1.84 |  |
| Gabarapl1 | -2.46 |  | 2.39 |  |
| Mgp | -2.98 |  | 2.71 |  |
| Fcna | -4.1 |  | 1.95 |  |
|  |  |  |  |  |
| Cdr2 |  | 2.53 |  | 2.65 |
| Pcyox1 |  | 2.27 |  | 2.03 |
| Hadhb |  | 2.2 |  | 2.58 |
| LOC100048480 |  | 2.15 |  | 2.17 |
| Pmp22 |  | 2.03 |  | 2.07 |
| Lgals1 |  | 1.92 |  | 1.63 |
| 1810035L17Rik |  | 1.72 |  | 2.29 |
| Ak3 |  | 1.61 |  | 1.58 |
| Slc25a1 |  | 1.55 |  | 2.63 |
|  |  |  |  |  |
| Phkg2 |  | -1.53 |  | -1.64 |
| Akna |  | -1.9 |  | -1.77 |
| Scrib |  | -2.05 |  | -1.78 |
| Atpbd1b |  | -2.07 |  | -2.4 |
| Hvcn1 |  | -2.1 |  | -2.06 |
| BC067047 |  | -2.63 |  | -1.84 |
| Arid3b |  | -2.92 |  | -2.69 |
| Nfatc3 |  | -3.04 |  | -1.51 |
| Axud1 |  | -4.12 |  | -3.07 |
| Ddx6 |  | -4.47 |  | -1.8 |
| Bach1 |  | -5.41 |  | -2.52 |
|  |  |  |  |  |
| 9130422G05Rik |  | 2.4 |  | -2.14 |
| Hsp90b1 |  | 2.21 |  | -1.77 |
| Dok2 |  | 2.2 |  | -1.76 |
| Rps6 |  | -1.94 |  | 1.89 |
|  |  |  |  |  |
| Ccl19 |  | 3.48 | 3.32 |  |
| P2ry6 |  | 2.03 | 1.97 |  |
| Hrbl |  | 2.02 | 2.71 |  |
| C1qc |  | 1.75 | 3.01 |  |
| Rnasek |  | 1.64 | 3.02 |  |
| Pscd3 |  | 1.54 | 2.15 |  |
|  |  |  |  |  |
| Suz12 |  | -1.62 | -1.58 |  |
| Mrps7 |  | -1.66 | -1.61 |  |
| Ugcg |  | -1.75 | -2.53 |  |
| Cd83 |  | -1.82 | -1.65 |  |
| Ppp3ca |  | -1.93 | -2.42 |  |
| Slc25a19 |  | -2.16 | -1.79 |  |
| Ift140 |  | -2.2 | -3.34 |  |
| LOC100044439 |  | -2.86 | -2.21 |  |
|  |  |  |  |  |
| S100a10 |  | 2.76 | -1.51 |  |
| Slain2 |  | 2.7 | -1.83 |  |
| Ptges3 |  | 2.62 | -1.73 |  |
| Vapa |  | 2.24 | -1.59 |  |
| Sec11c |  | 2.22 | -2.58 |  |
| Vti1b |  | 1.91 | -1.88 |  |
| Ss18 |  | 1.77 | -2.48 |  |
| Cugbp2 |  | 1.73 | -1.69 |  |
| Il16 |  | 1.63 | -2.28 |  |
| Npc2 |  | 1.6 | -1.69 |  |
| Smek2 |  | 1.51 | -1.72 |  |
| Hagh |  | -1.64 | 2.45 |  |
| Zfp91 |  | -2.45 | 2.46 |  |
|  |  |  |  |  |
| St6galnac2 | 5.4 | 6.28 |  |  |
| Vegfa | 4.15 | 1.96 |  |  |
| Cd84 | 3.23 | 2.29 |  |  |
| LOC100040592 | 2.61 | 1.58 |  |  |
| Igfbp5 | 2.51 | 1.77 |  |  |
| 1200002N14Rik | 2.46 | 1.94 |  |  |
| Ubd | 2.29 | 3.33 |  |  |
| Lrg1 | 2.22 | 1.98 |  |  |
| Zfp238 | 2.19 | 2.6 |  |  |
| Unc45a | 2.17 | 1.56 |  |  |
| Cd55 | 2.08 | 2.86 |  |  |
| Il33 | 1.91 | 1.67 |  |  |
| Vdac2 | 1.84 | 1.71 |  |  |
| Adam17 | 1.82 | 1.69 |  |  |
| Chrnb1 | 1.78 | 1.69 |  |  |
| Tgfbr1 | 1.67 | 1.57 |  |  |
| Slc38a2 | 1.67 | 2.03 |  |  |
| Fes | 1.64 | 1.84 |  |  |
| Cd2bp2 | 1.55 | 1.68 |  |  |
| Stard4 | 1.52 | 2.01 |  |  |
|  |  |  |  |  |
| Mllt3 | -1.78 | -3.76 |  |  |
| Mrpl48 | -1.79 | -1.63 |  |  |
| Eif4el3 | -1.89 | -2.31 |  |  |
| H2-M3 | -1.94 | -1.67 |  |  |
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| Acpl2 | -4.02 | -3.65 |  |  |
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| Napsa | 1.88 | -2.2 |  |  |
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| Eef2 |  |  | 6.06 | 2.26 |
| Ces3 |  |  | 5.44 | 4.38 |
| Mgst3 |  |  | 4.95 | 3.07 |
| Tmem14c |  |  | 3.58 | 2.07 |
| Gstp1 |  |  | 3.51 | 2.15 |
| S100a1 |  |  | 3.48 | 3.86 |
| Hmgb2 |  |  | 3.32 | 1.78 |
| Adk |  |  | 3.28 | 2.68 |
| Lamp2 |  |  | 3.08 | 2.41 |
| 5730437N04Rik |  |  | 3.03 | 1.82 |
| Naca |  |  | 3 | 2.57 |
| D10Ertd322e |  |  | 2.98 | 1.92 |
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| Spcs1 |  |  | 2.91 | 2.53 |
| Atf4 |  |  | 2.86 | 1.53 |
| Bola3 |  |  | 2.85 | 2.42 |
| Psmb7 |  |  | 2.81 | 3.32 |
| Rarres2 |  |  | 2.81 | 3.64 |
| Ifitm2 |  |  | 2.78 | 2 |
| Dcps |  |  | 2.78 | 2.38 |
| Gpsn2 |  |  | 2.72 | 1.83 |
| Pdhb |  |  | 2.69 | 3.67 |
| Prdx3 |  |  | 2.67 | 2.16 |
| Tspo |  |  | 2.65 | 2.46 |
| Fkbp2 |  |  | 2.63 | 2.2 |
| Arl6ip5 |  |  | 2.49 | 1.84 |
| EG622339 |  |  | 2.48 | 1.68 |
| Cox6b1 |  |  | 2.46 | 2.54 |
| Mcm5 |  |  | 2.43 | 1.69 |
| Vdac3 |  |  | 2.4 | 2.74 |
| Ddx47 |  |  | 2.38 | 1.54 |
| Hsd11b1 |  |  | 2.38 | 1.79 |
| MGC18837 |  |  | 2.32 | 2.02 |
| Aebp1 |  |  | 2.26 | 2.6 |
| Usp39 |  |  | 2.26 | 2.33 |
| Prkcdbp |  |  | 2.25 | 1.53 |
| Cd151 |  |  | 2.24 | 2.68 |
| Supt4h2 |  |  | 2.22 | 2.69 |
| Cox6a1 |  |  | 2.21 | 2.77 |
| Dci |  |  | 2.21 | 4.21 |
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| Cyc1 |  |  | 2.12 | 2.85 |
| Mid1ip1 |  |  | 2.11 | 2.18 |
| Timm8b |  |  | 2.11 | 2.17 |
| 2310016E02Rik |  |  | 2.07 | 1.72 |
| 9430029K10Rik |  |  | 2.07 | 2 |
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| H2afz |  |  | 1.89 | 1.92 |
| Ube2k |  |  | 1.88 | 1.64 |
| Lsm2 |  |  | 1.84 | 1.78 |
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| Snrpb |  |  | 1.8 | 1.59 |
| Ndufa8 |  |  | 1.79 | 2.78 |
| Ahsa1 |  |  | 1.79 | 1.6 |
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| Ndufs2 |  |  | 1.76 | 1.75 |
| Gpx4 |  |  | 1.75 | 2.26 |
| Yif1a |  |  | 1.75 | 1.77 |
| Ebp |  |  | 1.74 | 1.51 |
| Nola3 |  |  | 1.7 | 2.89 |
| Smarce1 |  |  | 1.66 | 2 |
| Dph3 |  |  | 1.64 | 2.2 |
| 2610029G23Rik |  |  | 1.62 | 2.02 |
| Cops6 |  |  | 1.59 | 1.54 |
| Ndufb6 |  |  | 1.56 | 3.24 |
| Vim |  |  | 1.56 | 1.94 |
| Cpt2 |  |  | 1.52 | 3.55 |
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| Asb2 | 1.86 |  |  |  |
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| H2-Q8 | 1.71 |  |  |  |
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| Ankrd10 |  | 1.54 |  |  |
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