

Table S9: proteins linked to immunity

| accession number | gene_name | description | ratio Pr/ctrl | ratio Fu/ctrl | T test Pr/ vs ctrl | T test Fu vs ctrl |
|------------------|-----------|--|---------------|---------------|-----------------------|----------------------|
| O35658 | C1qbp | Complement component 1 Q subcomponent-binding protein, mitochondrial | 1.2465825 | 1.0090482 | 0.005126 | 0.8866248 |
| P01896 | | H-2 class I histocompatibility antigen, alpha chain | 1.2104044 | 1.0837322 | 0.0098115 | 0.1721726 |
| P01899 | H2-D1 | H-2 class I histocompatibility antigen, D-B alpha chain | 1.309791 | 1.1268523 | 0.0008594 | 0.0214163 |
| P01900 | H2-D1 | H-2 class I histocompatibility antigen, D-D alpha chain | 1.2731407 | 1.1031101 | 0.0009463 | 0.0437297 |
| P01901 | H2-K1 | H-2 class I histocompatibility antigen, K-B alpha chain | 1.3182079 | 1.117418 | 0.0009352 | 0.0516113 |
| P01902 | H2-K1 | H-2 class I histocompatibility antigen, K-D alpha chain | 1.4290736 | 1.1647948 | 2.138E-05 | 0.0083836 |
| P04441 | Cd74 | H-2 class II histocompatibility antigen gamma chain | 1.0932528 | 1.0629249 | 0.0120611 | 0.0254623 |
| P06339 | H2-T23 | H-2 class I histocompatibility antigen, D-37 alpha chain | 1.4726637 | 1.1823455 | 5.269E-05 | 0.0252435 |
| P09581 | Csf1r | Macrophage colony-stimulating factor 1 receptor | 0.7084985 | 0.9251445 | 0.0002168 | 0.0970605 |
| P10810 | Cd14 | Monocyte differentiation antigen CD14 | 1.1153535 | 1.0394854 | 0.0165151 | 0.449006 |
| P11928 | Oas1a | 2'-5'-oligoadenylate synthase 1A | 1.2854456 | 1.0960419 | 0.0277268 | 0.1935905 |
| P16110 | Lgals3 | Galectin-3 | 0.6757279 | 0.9169138 | 0.0018308 | 0.2550878 |
| P26151 | Fcgr1 | High affinity immunoglobulin gamma Fc receptor I | 0.8073186 | 0.9297252 | 0.0039684 | 0.2308725 |
| P30681 | Hmgb2 | High mobility group protein B2 | 0.7236594 | 0.8526239 | 2.813E-07 | 0.0015849 |
| P34884 | Mif | Macrophage migration inhibitory factor | 0.7153846 | 0.7216359 | 0.0011537 | 0.0043229 |
| P42082 | Cd86 | T-lymphocyte activation antigen CD86 | 1.2275484 | 1.0905935 | 0.0012159 | 0.2079109 |
| P58242 | Smpdl3b | Acid sphingomyelinase-like phosphodiesterase 3b | 0.7807617 | 0.8441364 | 0.0578773 | 0.1415048 |
| P63158 | Hmgb1 | High mobility group protein B1 | 0.7370306 | 0.8578287 | 0.0003459 | 0.0323128 |
| Q3TL44 | Nlrp1 | NLR family member X1 Deoxynucleoside triphosphate | 0.8414185 | 0.9536123 | 0.0858148 | 0.2891749 |
| Q60710 | Samhd1 | triphosphohydrolase SAMHD1 | 0.6900705 | 0.8403139 | 0.002299 | 0.0575615 |
| Q61990 | Pcbp2 | Poly(rC)-binding protein 2 | 0.8990317 | 0.897888 | 0.0042718 | 0.00904 |
| Q62418 | Dbnl | Drebrin-like protein | 0.8199604 | 1.0097015 | 0.0357454 | 0.8921289 |
| Q6Q899 | Ddx58 | Probable ATP-dependent RNA helicase DDX58 | 1.5029793 | 0.8023908 | 0.015233 | 0.3183146 |
| Q9CQW9 | Ifitm3 | Interferon-induced transmembrane protein 3 | 1.4607914 | 1.2602396 | 0.0031971 | 0.0088772 |

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| Q9EPB4 | Pycard | Apoptosis-associated speck-like protein containing a CARD | 0.8838797 | 0.8412547 | 0.0014445 | 0.0214123 |
| Q9ES52 | Inpp5d | Phosphatidylinositol 3,4,5-trisphosphate 5-phosphatase 1 | 0.9392637 | 1.0315179 | 0.0132339 | 0.2094514 |
| Q9ESY9 | Ifi30 | Gamma-interferon-inducible lysosomal thiol reductase | 0.4049389 | 0.677976 | 3.43E-07 | 4.007E-05 |
| Q9QUN7 | Tlr2 | Toll-like receptor 2 | 1.2979424 | 1.0041935 | 0.0066166 | 0.9564243 |
| Q9R0Q8 | Clec4e | C-type lectin domain family 4 member E | 5.5255633 | 1.6245915 | 0.001789 | 0.1522657 |
| Q9R1P4 | Psma1 | Proteasome subunit alpha type-1 | 0.8812492 | 0.9986071 | 0.0019385 | 0.9594586 |
| P05555 | Itgam | Integrin alpha-M CD11b | 0.888415 | 0.9378634 | 0.0008045 | 0.0221523 |
| P11835 | Itgb2 | Integrin beta-2 | 0.8640331 | 0.8712786 | 0.0006385 | 0.0041396 |
| P30204 | Msr1 | Macrophage scavenger receptor types I and II CD204 | 1.3888459 | 1.1784492 | 0.0028806 | 0.0426059 |
| P42082 | Cd86 | T-lymphocyte activation antigen CD86 | 1.2275484 | 1.0905935 | 0.0012159 | 0.2079109 |
| P34960 | Mmp12 | Macrophage metalloelastase | 1.7433544 | 1.5392242 | 0.0006312 | 0.0026677 |
| P26151 | Fcgr1 | High affinity immunoglobulin gamma Fc receptor I | 0.8073186 | 0.9297252 | 0.0039684 | 0.2308725 |
| P08101 | Fcgr2 | Low affinity immunoglobulin gamma Fc region receptor II | 0.7733526 | 0.8721087 | 0.0017031 | 0.0425047 |
| P08508 | Fcgr3 | Low affinity immunoglobulin gamma Fc region receptor III | 0.721257 | 0.8809794 | 0.0005607 | 0.0544209 |
| A0A0B4J1G0 | Fcgr4 | Low affinity immunoglobulin gamma Fc region receptor IV | 0.7064723 | 0.9184123 | 2.968E-05 | 0.0334368 |