

Supplemental Table S1: Differentiation of Table 3.

| Protein | p-Value | Difference logscale | Full protein name | Protein function | farm |
|----------------|----------------|----------------------------|---|-------------------------|-------------|
| A6QNL0 | 0.081671945 | -0.23802192 | Monocyte differentiation antigen CD14 | immunity | 1 |
| F1MCF8 | 0.034750355 | -0.17906498 | Uncharacterized protein | immunity | 1 |
| F1MGU7 | 0.256887543 | -0.29739410 | Fibrinogen gamma-B chain | blood coagulation | 1 |
| F1MM32 | 0.114634543 | -0.37410274 | Sulfhydryl oxidase | enzyme | 1 |
| F1MMD7 | 0.490982158 | -0.13948175 | Inter-alpha-trypsin inhibitor heavy chain H4 | protease inhibitor | 1 |
| F1MR22 | 0.084272485 | -0.40955884 | Uncharacterized protein | immunity | 1 |
| F1MUT3 | 0.138322440 | -0.23642798 | Xanthine dehydrogenase/oxidase | enzyme | 1 |
| F1MX50 | 0.155685884 | -0.23493682 | Uncharacterized protein | cell | 1 |
| F1MXX6 | 0.196097111 | -0.21122983 | Lactadherin | cell | 1 |
| F1MZ96 | 0.028505851 | -0.29591851 | Uncharacterized protein | unknown | 1 |
| F1N076 | 0.050156461 | -0.23059976 | Uncharacterized protein | cell | 1 |
| G3N1R1 | 0.081971360 | -0.35570269 | Uncharacterized protein | unknown | 1 |
| G3X6N3 | 0.093323121 | -0.41136014 | Serotransferrin | transport | 1 |
| G3X7A5 | 0.074969423 | -0.32985784 | Complement C3 | immunity | 1 |
| P00735 | 0.246247618 | -0.20028194 | Prothrombin | immunity | 1 |
| P07589 | 0.249664417 | -0.13446460 | Fibronectin | immunity | 1 |
| P10152 | 0.262017558 | -0.24632455 | Angiogenin-1 | cell | 1 |
| P14923 | 0.442842564 | -0.23557883 | Junction plakoglobin | contaminant | 1 |
| P17690 | 0.067252125 | -0.19795256 | Beta-2-glycoprotein 1 | blood | 1 |

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|--------|-------------|--------------------|---|-----------------------|----------|
| | | | | coagulation | |
| P24627 | 0.618396262 | -0.05641995 | Lactotransferrin | immunity | 1 |
| P80025 | 0.056354987 | -0.31864315 | Lactoperoxidase | immunity | 1 |
| P80457 | 0.024660244 | -0.48824513 | Xanthine dehydrogenase/oxidase | enzyme | 1 |
| P81265 | 0.030342765 | -0.23337220 | Polymeric immunoglobulin receptor | immunity | 1 |
| Q08DQ0 | 0.408093065 | -0.18463537 | Plakophilin-3 | cell | 1 |
| Q3MHN2 | 0.161391410 | -0.13610006 | Complement component C9 | immunity | 1 |
| A6QNL0 | 0.069013882 | -0.23518111 | Monocyte differentiation antigen CD14 | immunity | 2 |
| F1MCF8 | 0.015784629 | -0.20428409 | Uncharacterized protein | immunity | 2 |
| F1MGU7 | 0.083850004 | -0.30868066 | Fibrinogen gamma-B chain | blood coagulation | 2 |
| F1MM32 | 0.006709007 | -0.39112003 | Sulfhydryl oxidase | enzyme | 2 |
| F1MMD7 | 0.105977817 | -0.28763775 | Inter-alpha-trypsin inhibitor heavy chain H4 | protease inhibitor | 2 |
| F1MR22 | 0.051009420 | -0.43844310 | Uncharacterized protein | immunity | 2 |
| F1MUT3 | 0.008728533 | -0.16801522 | Xanthine dehydrogenase/oxidase | enzyme | 2 |
| F1MX50 | 0.039875202 | -0.36328489 | Uncharacterized protein | cell | 2 |
| F1MXX6 | 0.067107745 | -0.28572580 | Lactadherin | cell | 2 |
| F1MZ96 | 0.033714785 | -0.29583862 | Uncharacterized protein | unknown | 2 |
| F1N076 | 0.014556345 | -0.23929233 | Uncharacterized protein | cell | 2 |
| G3N1R1 | 0.079212935 | -0.24260691 | Uncharacterized protein | unknown | 2 |
| G3X6N3 | 0.058801881 | -0.36820290 | Serotransferrin | transport | 2 |
| G3X7A5 | 0.025457293 | -0.33343274 | Complement C3 | immunity | 2 |
| P00735 | 0.189244691 | -0.18823088 | Prothrombin | immunity | 2 |
| P07589 | 0.001882570 | -0.16339849 | Fibronectin | immunity | 2 |

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|--------|-------------|--------------------|---|--------------------|----------|
| P10152 | 0.265167328 | -0.16016051 | Angiogenin-1 | cell | 2 |
| P14923 | 0.066201298 | -0.26988851 | Junction plakoglobin | contaminant | 2 |
| P17690 | 0.034045350 | -0.17825876 | Beta-2-glycoprotein 1 | blood coagulation | 2 |
| P24627 | 0.606428473 | -0.10691213 | Lactotransferrin | immunity | 2 |
| P80025 | 0.015727966 | -0.40803462 | Lactoperoxidase | immunity | 2 |
| P80457 | 0.017164248 | -0.45127591 | Xanthine dehydrogenase/oxidase | enzyme | 2 |
| P81265 | 0.076082396 | -0.31250532 | Polymeric immunoglobulin receptor | immunity | 2 |
| Q08DQ0 | 0.568689620 | -0.07368748 | Plakophilin-3 | cell | 2 |
| Q3MHN2 | 0.038221029 | -0.32713635 | Complement component C9 | immunity | 2 |
| A6QNL0 | 0.808810787 | -0.04043559 | Monocyte differentiation antigen CD14 | immunity | 3 |
| F1MCF8 | 0.102303854 | -0.11513041 | Uncharacterized protein | immunity | 3 |
| F1MGU7 | 0.530105296 | -0.26148465 | Fibrinogen gamma-B chain | blood coagulation | 3 |
| F1MM32 | 0.366806380 | -0.30728700 | Sulfhydryl oxidase | enzyme | 3 |
| F1MMD7 | 0.706563764 | -0.03510671 | Inter-alpha-trypsin inhibitor heavy chain H4 | protease inhibitor | 3 |
| F1MR22 | 0.290188981 | -0.28563547 | Uncharacterized protein | immunity | 3 |
| F1MUT3 | 0.053002049 | -0.56981654 | Xanthine dehydrogenase/oxidase | enzyme | 3 |
| F1MX50 | 0.324407131 | -0.19072733 | Uncharacterized protein | cell | 3 |
| F1MXX6 | 0.382993501 | -0.11720980 | Lactadherin | cell | 3 |
| F1MZ96 | 0.317901367 | -0.19368184 | Uncharacterized protein | unknown | 3 |
| F1N076 | 0.082822215 | -0.19684531 | Uncharacterized protein | cell | 3 |
| G3N1R1 | 0.237873253 | -0.28592347 | Uncharacterized protein | unknown | 3 |
| G3X6N3 | 0.238346830 | -0.23144136 | Serotransferrin | transport | 3 |

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|--------|-------------|--------------------|--|----------------------|----------|
| G3X7A5 | 0.203309875 | -0.18251452 | Complement C3 | immunity | 3 |
| P00735 | 0.435981155 | -0.07472569 | Prothrombin | immunity | 3 |
| P07589 | 0.074917993 | -0.25812729 | Fibronectin | immunity | 3 |
| P10152 | 0.329023124 | -0.22825551 | Angiogenin-1 | cell | 3 |
| P14923 | 0.717283262 | -0.17966716 | Junction plakoglobin | contaminant | 3 |
| P17690 | 0.142082287 | -0.07824901 | Beta-2-glycoprotein 1 | blood coagulation | 3 |
| P24627 | 0.891718223 | -0.02615023 | Lactotransferrin | immunity | 3 |
| P80025 | 0.146780262 | -0.23888622 | Lactoperoxidase | immunity | 3 |
| P80457 | 0.226280758 | -0.32739478 | Xanthine dehydrogenase/oxidase | enzyme | 3 |
| P81265 | 0.147299243 | -0.15649395 | Polymeric immunoglobulin receptor | immunity | 3 |
| Q08DQ0 | 0.482109041 | -0.20910686 | Plakophilin-3 | cell | 3 |
| Q3MHN2 | 0.465662798 | -0.19406143 | Complement component C9 | immunity | 3 |