|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Supplemental Table 1. Summary of genes and SNPs analyzed | | | | | | | |  |  |
|  |  | Chromosome Location |  |  | Major/Minor Allele | MAF | | FDR HWE *p* | |
| Gene | Alias | tagSNP | Coordinate | NHW | HISP/NA | NHW | HISP/NA |
| *CD40LG* | RP3-527F8.3, CD154, CD40L, HIGM1, IGM, IMD3, | Xq26 | rs1126535 | 135730555 | T/C | 0.17 | 0.47 | 0.62 | 0.02 |
|  | T-BAM, TNFSF5TRAP, hCD40, hCD40L |  | rs5930973 | 135732148 | G/A | 0.06 | 0.01 | 0.96 | 0.71 |
|  |  |  | rs3092936 | 135736205 | T/C | 0.09 | 0.33 | 0.97 | <0.01 |
| *TLR1* | CD281, DKFZp547I0610, DKFZp564I0682, KIAA0012, | 4p14 | rs7696175 | 38820986 | C/T | 0.45 | 0.36 | 0.96 | 0.77 |
|  | MGC104956, MGC126311, MGC126312, TILTIL.LPRS5, rsc786 |  |  |  |  |  |  |  |  |
| *TLR2* | CD282, TIL4 | 4q32 | rs1898830 | 154608453 | A/G | 0.34 | 0.54 | 0.96 | 0.09 |
|  |  |  | rs4696483 | 154619255 | C/T | 0.13 | 0.16 | 0.81 | 0.98 |
|  |  |  | rs3804099 | 154624656 | T/C | 0.45 | 0.33 | 0.96 | 0.53 |
|  |  |  | rs7656411 | 154627655 | T/G | 0.27 | 0.25 | 0.62 | 0.15 |
| *TLR3* | CD283 | 4q35 | rs5743305 | 186989333 | T/A | 0.39 | 0.33 | 0.97 | 0.59 |
|  |  |  | rs11721827 | 186991137 | A/C | 0.14 | 0.13 | 0.52 | 0.40 |
|  |  |  | rs3775292 | 187003025 | C/G | 0.21 | 0.12 | 0.96 | 0.16 |
|  |  |  | rs3775291 | 187004074 | G/A | 0.31 | 0.29 | 1.00 | 0.80 |
| *TLR4* | ARMD10, CD284, TOLL, hToll | 9q32-q33 | rs10759932 | 120465144 | T/C | 0.14 | 0.11 | 1.00 | 0.46 |
|  |  |  | rs1927911 | 120470054 | C/T | 0.27 | 0.30 | 0.93 | 0.95 |
|  |  |  | rs12377632 | 120472730 | T/C | 0.39 | 0.43 | 0.96 | 0.67 |
|  |  |  | rs5030728 | 120474282 | G/A | 0.29 | 0.24 | 0.99 | 0.82 |
|  |  |  | rs4986791 | 120475602 | C/T | 0.06 | 0.03 | 0.96 | 0.70 |
|  |  |  | rs11536889 | 120478131 | G/C | 0.14 | 0.11 | 0.96 | 0.85 |
|  |  |  | rs11536898 | 120480210 | C/A | 0.13 | 0.07 | 0.97 | 0.90 |
|  |  |  | rs1554973 | 120480812 | T/C | 0.25 | 0.16 | 0.96 | 0.42 |
| *TNF* | DASS-280D8.2, DIF, TNF-alpha, TNFA, TNFSF2 | 6p21.3 | rs1799964 | 31542308 | T/C | 0.20 | 0.18 | 0.98 | 0.59 |
|  |  |  | rs1800630 | 31542476 | C/A | 0.15 | 0.12 | 0.96 | 0.36 |
|  |  |  | rs1800629 | 31651010 | G/A | 0.17 | 0.08 | 1.00 | 0.36 |
| *TNFRSF1A* | CD120a, FPF, MGC19588, TBP1, TNF-R, TNF-R-I, TNF-R55, TNFARTNFR1, TNFR55, TNFR60, p55, p55-R, p60 | 12p13.2 | rs4149578 | 6447437 | G/A | 0.10 | 0.13 | 0.92 | 0.99 |
|  |  | rs4149577 | 6447522 | C/T | 0.52 | 0.48 | 0.94 | 0.85 |
|  |  | rs4149576 | 6449115 | G/A | 0.42 | 0.33 | 0.96 | 0.65 |
|  |  |  | rs4149570 | 6451590 | G/T | 0.40 | 0.29 | 0.96 | 0.97 |
| *TNFRSF11A* | CD265, FEO, LOH18CR1, ODFR, OFE, OPTB7, OSTS,PDB2RANK, TRANCER | 18q22.1 | rs4436867 | 60003644 | C/A | 0.22 | 0.11 | 0.96 | 0.30 |
|  |  | rs8086340 | 60006978 | G/C | 0.46 | 0.39 | 1.00 | 0.30 |
|  |  |  | rs1805034 | 60027241 | T/C | 0.48 | 0.36 | 0.97 | 0.48 |
|  |  |  | rs4426449 | 60042817 | C/T | 0.33 | 0.30 | 0.96 | 0.46 |
|  |  |  | rs7235803 | 60000379 | A/G | 0.35 | 0.46 | 0.96 | 0.84 |
|  |  |  | rs9962159 | 60000757 | A/G | 0.30 | 0.42 | 0.96 | 0.64 |
|  |  |  | rs11665260 | 60024065 | T/A | 0.27 | 0.12 | 0.96 | 0.19 |
|  |  |  | rs12165104 | 60050641 | G/A | 0.27 | 0.16 | 0.96 | <0.01 |
|  |  |  | rs8092023 | 59994784 | T/A | 0.28 | 0.20 | 0.89 | 0.54 |
|  |  |  | rs4485469 | 59999573 | A/G | 0.44 | 0.43 | 0.96 | 0.47 |
|  |  |  | rs7237982 | 60004253 | A/G | 0.23 | 0.18 | 0.96 | 0.38 |
|  |  |  | rs17069845 | 60011615 | T/C | 0.07 | 0.15 | 0.96 | 1.00 |
|  |  |  | rs12956925 | 60013640 | G/A | 0.17 | 0.23 | 0.92 | 0.98 |
|  |  |  | rs9960450 | 60016875 | T/C | 0.06 | 0.07 | 0.82 | 0.98 |
|  |  |  | rs3826620 | 60021504 | G/T | 0.28 | 0.39 | 0.97 | 0.43 |
|  |  |  | rs7236060 | 60023282 | A/G | 0.33 | 0.31 | 0.97 | 0.18 |
|  |  |  | rs9951012 | 60023794 | G/A | 0.21 | 0.35 | 1.00 | 0.76 |
|  |  |  | rs8094884 | 60028128 | G/A | 0.46 | 0.43 | 0.96 | 0.12 |
|  |  |  | rs12970081 | 60028382 | G/A | 0.23 | 0.34 | 0.96 | 0.56 |
|  |  |  | rs8083511 | 60028655 | A/C | 0.19 | 0.29 | 0.82 | 0.78 |
|  |  |  | rs8099222 | 60028762 | G/A | 0.23 | 0.20 | 0.96 | 0.11 |
|  |  |  | rs4303637 | 60031763 | T/C | 0.32 | 0.28 | 1.00 | 0.95 |
|  |  |  | rs8089829 | 60031904 | A/G | 0.46 | 0.37 | 0.96 | 0.18 |
|  |  |  | rs9646629 | 60051199 | G/C | 0.35 | 0.31 | 0.96 | 0.73 |
|  |  |  | rs884205 | 60054857 | G/T | 0.24 | 0.21 | 0.96 | 0.45 |
| *TNFSF10* | APO2L, Apo-2L, CD253, TL2, TRAIL | 3q26 | rs1131532 | 172224303 | C/T | 0.33 | 0.50 | 0.97 | 0.23 |
|  |  |  | rs3136586 | 172241759 | A/G | 0.16 | 0.19 | 0.96 | 1.00 |
|  |  |  | rs12488654 | 172241890 | G/A | 0.16 | 0.18 | 0.96 | 0.95 |
|  |  |  | rs6783667 | 172222186 | T/C | 0.33 | 0.50 | 0.97 | 0.19 |
|  |  |  | rs3136589 | 172237826 | A/C | 0.16 | 0.18 | 0.96 | 0.94 |
|  |  |  | rs231985 | 172235026 | A/T | 0.14 | 0.08 | 0.96 | 0.71 |
|  |  |  | rs3136597 | 172228544 | C/A | 0.21 | 0.16 | 0.66 | 0.95 |
|  |  |  | rs3136594 | 172230584 | C/T | 0.27 | 0.16 | 0.62 | 0.78 |
|  |  |  | rs9859259 | 172223141 | C/A | 0.43 | 0.37 | 0.68 | 0.67 |
|  |  |  | rs4894559 | 172233369 | G/A | 0.27 | 0.44 | 0.89 | 0.16 |
|  |  |  | rs231983 | 172236440 | C/A | 0.61 | 0.36 | 0.86 | 0.06 |
|  |  |  | rs1823227 | 172240215 | T/G | 0.27 | 0.17 | 0.86 | 0.55 |
| *TRAF2* | MGC | 9q34 | rs2784075 | 139792926 | G/A | 0.23 | 0.40 | 0.96 | 0.49 |
|  |  |  | rs7027246 | 139811585 | G/A | 0.26 | 0.41 | 1.00 | 0.51 |
|  |  |  | rs4880073 | 139817353 | G/A | 0.41 | 0.50 | 0.96 | 0.70 |
|  |  |  | rs908831 | 139822542 | A/G | 0.39 | 0.51 | 0.96 | 0.91 |