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| 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 |