









				rs12041056	67399848	-	0.001	N	-	1.21E-04					
				rs12030948	67474353	intron	0.047	N	-	1.31E-04					
				rs10127763	67424321	intron	0.001	N	0.64	1.38E-02					
				rs4655689	67432009	intron	0.01	N	0.597	1.44E-02					
				rs6687620	67421048	intron	0	N	-	1.54E-02					
NOD2	16	49283551	45937	rs2076756	49314382	intron	0.098	N	-	5.34E-28	8.54E-27	3.25E-27	Y	Y	Y
				rs5743289	49314275	intron	0.252	N	1.804	4.08E-24					
				rs2066843	49302700	coding-synonymous	0.191	N	-	4.49E-24					
				rs17221417	49297083	intron	0	N	-	1.19E-22					
				rs3135499	49323628	utr-3	0	N	1.23	3.47E-11					
				rs10521209	49313210	intron	0	N	-	1.93E-10					
				rs17312836	49298963	intron	0	N	-	3.02E-10					
				rs11647841	49300832	intron	0	N	-	3.52E-10					
				rs748855	49308899	intron	0	N	-	3.53E-10					
				rs1861758	49309288	intron	0	N	-	5.49E-10					
				rs1861759	49303084	coding-synonymous	0	N	-	5.69E-10					
				rs5743291	49314777	missense	0.079	N	-	1.24E-05					
				rs1077861	49317048	intron	0	N	0.6	1.08E-04					
				rs751271	49308676	intron	0	N	-	2.02E-04					
				rs8057341	49295481	intron	0	N	0.146	1.59E-03					
ATG16L1	2	23381995	54103	rs2241880	233848107	missense	0.593	N	-	1.32E-18	1.43E-17	8.77E-18	Y	Y	Y
		6		rs6431654	233826508	intron	0.009	N	-	2.58E-18					
				rs6752107	233826187	intron	0	N	-	3.64E-18					
				rs10210302	233823578	near-gene-5	0	N	1.827	3.90E-18					
				rs3828309	233845149	intron	0	N	-	4.77E-18					
				rs3792106	233855479	intron	0	N	1.795	5.30E-15					
				rs6737398	233835136	intron	0	N	0.9	5.01E-09					
				rs4663396	233856990	intron	0	N	1.67	1.29E-08					
				rs6431262	233864276	intron	0	N	0.303	6.41E-06					
				rs6861	233868852	utr-3	0	N	0.274	1.08E-05					

				rs4663421	233866439	intron	0	N	1.463	6.53E-04						
				rs2289476	233846295	intron	0	N	-	1.43E-02						
				rs7585217	233854145	intron	0	N	-	2.19E-02						
				rs7600743	233854098	intron	0.002	N	0.444	2.48E-02						
				rs11890449	233864140	intron	0	N	-	4.96E-02						
LOC1001																
30497	1	67511323	10727	rs12119179	67520003	-	0.002	N	-	3.26E-15	1.11E-14	6.18E-15	Y	Y	Y	
				rs11209032	67512680	-	0	N	-	4.42E-15						
				rs11209033	67517088	-	0.95	N	-	7.61E-15						
				rs12141431	67519611	-	0.146	N	-	1.95E-12						
				rs6660226	67517189	-	1	N	0.024	1.07E-11						
C1orf141	1	67325447	46361	rs7515029	67368960	-	0.979	N	-	5.14E-15	1.03E-13	3.84E-14	Y	Y	Y	
-	-	-	-	rs10789223	67348990	intron	0	N	2.724	9.67E-03						
-	-	-	-	rs3762318	67369707	-	0	N	1.449	1.04E-02						
-	-	-	-	rs2144658	67344483	intron	0	N	-	1.16E-02						
-	-	-	-	rs7528804	67366407	intron	0.429	N	0.967	3.46E-02						
		11724921														
PTGFRN	1	2	90283	rs12078461	117273572	intron	0	N	-	1.06E-11	3.61E-10	1.61E-10	Y	Y	Y	
CYLD	16	49328462	69885	rs3135503	49348751	intron	0.035	N	0.103	5.82E-11	2.63E-10	2.75E-10	Y	Y	Y	
				rs8060598	49339303	intron	0	N	-	5.85E-11						
				rs4785450	49349769	intron	0	N	-	2.41E-10						
				rs7342715	49344984	intron	0.004	N	0.409	5.27E-09						
				rs6500331	49366227	intron	0	N	0.228	8.91E-09						
				rs3785142	49344648	intron	0.001	N	0.655	5.91E-08						
IRGM	5	15020287	10545	rs13361189	150203580	-	0	N	-	1.59E-09	3.10E-09	2.90E-09	Y	Y	Y	
				rs11957134	150211143	-	0	N	-	2.07E-09						
				rs11949556	150209994	-	0.002	N	-	1.47E-07						
		21652025														
RRP15	1	2	62696	rs1933641	216535584	intron	0.998	N	-	1.61E-09	1.13E-08	8.68E-09	Y	Y	Y	
NKX2-3	10	10127768	13591	rs11190140	101281583	near-gene-5	0.003	N	-	3.01E-09	9.23E-09	1.07E-08	Y	Y	Y	
				rs10883365	101277754	-	0.131	N	-	3.06E-09						
				rs10883371	101282445	near-gene-5	0	N	1.524	3.18E-09						
				rs1548962	101279725	-	0	N	-	3.75E-09						

				rs1548964	101279643	-	0.022	N	1.529	4.41E-09					
				rs10883367	101277980	-	0	N	-	4.83E-09					
				rs6584283	101280291	-	0	N	-	4.97E-09					
				rs11190137	101277934	-	0	N	0.819	1.91E-06					
				rs888208	101285853	utr-3	0	N	-	2.07E-06					
				rs11190139	101278089	-	0.146	N	-	2.09E-06					
				rs7899176	101279113	-	0.868	N	0.197	2.93E-02					
LDB2	4	16107262	407163	rs157613	16387385	intron	0.035	N	0.858	2.45E-10	3.04E-08	1.60E-08	Y	Y	Y
				rs16893604	16144569	intron	0.229	N	0.594	7.26E-03		-			
				rs11730714	16192214	intron	0	N	0.382	4.32E-02		-			
PTPN2	18	12770480	108854	rs1893217	12799340	intron	0	N	-	1.32E-09	3.16E-08	1.63E-08	Y	Y	Y
				rs7234029	12867060	intron	0	N	0.435	3.45E-08					
				rs657555	12837136	intron	0	N	-	3.63E-08					
				rs16939895	12811903	intron	0.002	N	-	5.24E-08					
				rs478582	12825976	intron	0.001	N	-	1.83E-05					
				rs8087237	12824359	intron	0.04	N	-	1.86E-05					
				rs2542152	12772761	-	0.001	N	-	2.73E-04					
				rs2847297	12787694	intron	0.002	N	0.281	5.18E-04					
				rs2847286	12807815	intron	0	N	-	1.26E-03					
				rs2542160	12779246	intron	0.017	N	-	1.45E-03					
				rs973767	12810057	intron	0.007	N	-	1.73E-02					
				rs8085163	12799304	intron	0.001	N	-	1.88E-02					
				rs10502414	12792416	intron	0.003	N	-	2.13E-02					
				rs2847288	12802896	intron	0.001	N	1.456	2.27E-02					
				rs17597893	12802061	intron	0.458	N	-	2.51E-02					
LOC100128543	5	150301305	65437	rs931058	150313891	-	0	N	-	5.48E-09	9.31E-08	3.26E-08	Y	Y	Y
				rs11950220	150338652	-	0.794	N	0.24	2.40E-03					
				rs10050426	150331183	-	0	N	0.679	2.60E-03					
				rs11739412	150345215	-	0	N	0.394	2.66E-03					
				rs7710643	150338039	-	0	N	0.266	2.85E-03					
				rs3886104	150331722	-	0	N	0.051	2.94E-03					

				rs6898463	150343141	-	0.057	N	1.292	7.82E-03					
				rs1038074	150339150	-	0	N	-	8.21E-03					
				rs4368715	150331858	-	0	N	1.651	9.18E-03					
RFTN1	3	16327356	207870	rs9839841	16454562	intron	0.001	N	0.616	8.45E-10	6.25E-08	3.54E-08	Y	Y	Y
		12789903													
GLT1D1	12	4	141428	rs11060028	127987018	intron	0.097	N	1.045	1.82E-09	6.00E-08	3.78E-08	Y	Y	Y
				rs11060043	128014906	intron	0	N	-	2.23E-02					
ATQL4	10	64165848	10449	rs224063	64173355	-	0.967	N	1.429	3.32E-08	6.64E-08	4.11E-08	Y	Y	Y
-	-	-	-	rs224058	64168871	-	0	N	1.103	2.46E-06					
		23387620													
SAG	2	7	49233	rs1000141	233907086	intron	0	N	-	1.22E-08	2.31E-07	1.03E-07	Y	Y	Y
				rs2241874	233912366	intron	0	N	0.342	2.13E-06					
				rs2241873	233912663	intron	0	N	0.342	2.79E-06					
				rs3792091	233916061	intron	0	N	1.07	4.97E-06					
				rs3792096	233903639	intron	0	N	0.038	4.15E-05					
				rs745498	233902993	intron	0	N	0.038	4.92E-05					
				rs7608122	233897974	intron	0	N	0.811	5.03E-05					
				rs6710735	233899584	intron	0.001	N	-	5.41E-05					
				rs894100	233902504	intron	0	N	0.038	5.67E-05					
				rs3792097	233903523	intron	0	N	0.038	5.83E-05					
				rs11679046	233922840	-	0	N	1.647	2.56E-03					
				rs13014016	233922193	-	0.001	N	1.647	2.57E-03					
				rs1000548	233900041	intron	0	N	-	5.00E-03					
				rs1046974	233920286	missense	0	N	-	6.74E-03					
GARNL1	14	35072309	280874	rs10483456	35105918	intron	0	N	-	1.69E-08	4.39E-07	1.26E-07	Y	Y	Y
-	-	-	-	rs1169032	35319325	intron	0	N	1.995	4.21E-03					
-	-	-	-	rs1169030	35323827	intron	0.017	N	0.466	1.15E-02					
MIER1	1	67158230	73660	rs6656890	67231051	-	0.044	N	-	4.25E-08	5.52E-07	2.98E-07	Y	Y	Y
				rs12137403	67209631	intron	0	N	2.372	4.80E-03					
				rs4655663	67202691	intron	0	N	-	4.97E-03					
				rs2985824	67182759	intron	0	N	-	5.17E-03					
				rs3008871	67191677	intron	0	N	2.323	6.10E-03					
				rs4655662	67189020	intron	0.007	N	-	7.60E-03					



				rs12041926	67207190	intron	0.014	N	2.375	9.07E-03					
TCTA	3	49419643	14270	rs6784820	49425868	intron	0	N	-	4.61E-07	4.61E-07	4.61E-07	N	Y	Y
LOC4411		13176957													
08	5	2	61386	rs2188962	131798704	intron	0	N	-	5.20E-08	1.09E-06	5.15E-07	Y	Y	Y
				rs2522057	131829846	-	0	N	-	2.39E-07					
				rs1023518	131821671	intron	0	N	-	3.62E-06					
				rs10077785	131829057	-	0.003	N	0.851	1.44E-05					
				rs4235801	131810343	intron	0.001	N	-	6.27E-05					
				rs4540166	131807756	intron	0	N	1.01	7.10E-05					
				rs11744116	131807659	intron	0.004	N	1.01	7.47E-05					
				rs4371745	131807854	intron	0	N	1.01	1.01E-04					
				rs6596075	131770127	-	0.007	N	-	2.43E-04					
				rs2285673	131783868	intron	0	N	1.279	2.54E-04					
				rs10071051	131780519	intron	0.005	N	1.321	5.51E-04					
				rs11242111	131783957	intron	0	N	-	1.18E-02					
				rs725580	131792002	intron	0.002	N	0.456	1.78E-02					
SBNO2	19	1053633	76649	rs4807569	1074378	intron	0	N	-	1.16E-07	5.12E-07	6.48E-07	Y	Y	Y
				rs2024092	1075031	intron	0.043	N	-	1.28E-07					
				rs2074916	1078720	coding-synonymous	0.998	N	0.064	1.68E-06					
				rs2074452	1058160	near-gene-3	0	N	0.375	4.42E-03					
				rs2074920	1070019	coding-synonymous	0.961	N	1.32	3.40E-02					
				rs2302109	1061829	coding-synonymous	0.992	N	1.681	3.56E-02					
APEH	3	49681439	19499	rs4855881	49690450	intron	0	N	-	3.99E-07	7.99E-07	7.05E-07	N	Y	Y
AMT	3	49424215	15801	rs1464567	49434256	intron	0.141	N	-	5.24E-07	2.10E-06	9.54E-07	N	Y	Y
				rs9814873	49429116	near-gene-3	0	N	0.095	1.55E-05					
				rs6997	49428838	near-gene-3	0.001	N	0.095	1.63E-05					
				rs11715915	49430334	coding-synonymous	0.959	N	0.188	6.26E-05					
DAG1	3	49477569	75483	rs3924462	49499240	intron	0.022	N	-	4.01E-07	1.25E-06	1.12E-06	N	Y	Y
				rs3870338	49532055	intron	0.741	N	-	5.32E-07					
				rs11130199	49513803	intron	0	N	-	5.75E-07					
				rs1050088	49545886	utr-3	1	N	-	7.15E-07					

				rs1801143	49545204	coding-synon ymous	1	N	-	1.62E-05					
				rs4625	49547144	utr-3	1	N	-	1.93E-05					
BTNL2	6	32465491	22387	rs3763313	32484449	-	0	N	0.184	1.41E-07	2.68E-06	1.29E-06	Y	Y	Y
-	-	-	-	rs3117098	32466491	-	0	N	-	8.95E-05		-			
-	-	-	-	rs4248166	32474399	intron	0.023	N	-	1.37E-02		-			
-	-	-	-	rs10947261	32481210	intron	0.002	N	1.795	1.48E-02		-			
MST1	3	49691391	14708	rs3197999	49696536	missense	0.003	Y	-	1.47E-06	1.47E-06	1.47E-06	N	Y	Y
BSN	3	49561926	127060	rs11919311	49631793	intron	0.053	N	-	7.05E-07	6.11E-06	2.48E-06	N	N	Y
				rs2329020	49660077	intron	0.008	N	-	9.61E-07					
				rs9858542	49676987	coding-synon ymous	1	N	-	1.31E-06					
				rs11718165	49671801	intron	0.131	N	-	2.85E-06					
				rs2131104	49671637	intron	0	N	-	2.96E-06					
				rs9827708	49624993	intron	0	N	0.041	3.20E-06					
ITLN1	1	15910795 4	18630	rs2274910	159118670	intron	0.008	N	0.385	2.23E-06	4.47E-06	2.70E-06	N	N	Y
				rs11265510	159126183	-	0.003	N	0.428	7.77E-06					
IHPK1	3	49731732	72245	rs3749237	49745036	intron	0.005	N	-	2.85E-06	2.85E-06	2.85E-06	N	Y	Y
RNF123	3	49696994	41972	rs2291542	49726589	coding-synon ymous	1	N	-	3.10E-06	3.95E-06	3.10E-06	N	Y	Y
				rs11130214	49710750	intron	0.002	N	-	3.95E-06					
TNFSF15	9	11658642 1	26808	rs6478109	116608587	near-gene-5	0.03	N	-	1.73E-06	3.58E-06	3.28E-06	N	Y	Y
				rs4263839	116606261	intron	0	N	-	2.46E-06					
				rs6478108	116598524	intron	0.001	N	-	2.68E-06					
				rs1407308	116610044	-	0	N	0.129	2.74E-02					

Table S4. Genes with significant replication SNP p-values in Barrett et al. (2008)

Gene Symbol	Gene P Value	Chromosome	Gene Length	SNP	Position	Gene Feature	Conservation Score	miRNA Binding Site	Original GWAS P Value	Replication P Value
IL23R	8.29E-30	1	rs11465804	67475114	intron	0.005	N	-	3.1E-29	4.59144E-31

-	-	-	rs11209026	67478546	missense	0.983	N	-	1.5E-36	1.65091E-29
-	-	-	rs7517847	67454257	intron	0	N	0.013	-	3.3206E-24
-	-	-	rs1343151	67491717	intron	0	N	0.603	-	7.96045E-22
-	-	-	rs10889677	67497708	utr-3	0.097	N	-	-	1.32968E-21
-	-	-	rs11805303	67448104	intron	0.02	N	-	5.62E-17	3.43286E-21
-	-	-	rs1004819	67442801	intron	0.001	N	-	-	8.47587E-21
-	-	-	rs10489629	67460937	intron	0.001	N	0.723	-	3.12483E-20
-	-	-	rs2201841	67466790	intron	0.219	N	-	-	3.15258E-20
-	-	-	rs10489630	67435210	intron	0.251	N	0.237	-	1.12181E-15
-	-	-	rs2064689	67425598	intron	0.007	N	-	-	1.53864E-13
-	-	-	rs17375018	67427735	intron	0	N	-	-	1.87686E-13
-	-	-	rs11209018	67439879	intron	0	N	-	-	1.73849E-10
-	-	-	rs6664119	67428483	intron	0	N	-	-	7.22491E-07
-	-	-	rs1884444	67406400	missense	0.388	N	-	-	3.14845E-06
-	-	-	rs10489628	67476695	intron	0	N	1.145	-	3.88015E-05
-	-	-	rs6682033	67481258	intron	0	N	-	-	8.69994E-05
-	-	-	rs12030948	67474353	intron	0.047	N	-	-	0.000130163
-	-	-	rs10127763	67424321	intron	0.001	N	0.8	-	0.013818462
-	-	-	rs4655689	67432009	intron	0.01	N	0.597	-	0.014397741
-	-	-	rs6687620	67421048	intron	0	N	-	-	0.015326968
ATG16L1	8.77E-18	2	rs2241880	233848107	missense	0.593	N	-	0.0000366	1.29252E-18
-	-	-	rs6431654	233826508	intron	0.009	N	-	-	2.52222E-18

-	-	-	rs6752107	233826187	intron	0	N	-	-	3.55392E-18
-	-	-	rs10210302	233823578	near-gene-5	0	N	1.827	-	3.81386E-18
-	-	-	rs3828309	233845149	intron	0	N	-	7.67E-14	4.6621E-18
-	-	-	rs3792106	233855479	intron	0	N	1.795	-	5.20126E-15
-	-	-	rs6737398	233835136	intron	0	N	0.9	-	4.95544E-09
-	-	-	rs4663396	233856990	intron	0	N	1.67	-	1.27726E-08
-	-	-	rs6431262	233864276	intron	0	N	0.303	-	6.37102E-06
-	-	-	rs6861	233868852	utr-3	0	N	0.274	-	1.0745E-05
-	-	-	rs4663421	233866439	intron	0	N	1.463	-	0.000650076
-	-	-	rs2289476	233846295	intron	0	N	-	-	0.014277047
-	-	-	rs7585217	233854145	intron	0	N	-	-	0.021885382
-	-	-	rs7600743	233854098	intron	0.002	N	0.444	-	0.024757969
-	-	-	rs11890449	233864140	intron	0	N	-	-	0.049571341
NKX2-3	1.07E-08	10	rs11190140	101281583	near-gene-5	0.003	N	-	0.000000169	2.98041E-09
-	-	-	rs10883371	101282445	near-gene-5	0	N	1.524	0.00000031	3.14977E-09
-	-	-	rs1548962	101279725	-	0	N	-	-	3.71021E-09
-	-	-	rs6584283	101280291	-	0	N	-	-	4.91737E-09
-	-	-	rs888208	101285853	utr-3	0	N	-	-	2.05179E-06
PTPN2	1.63E-08	18	rs1893217	12799340	intron	0	N	-	0.00000123	1.3002E-09
-	-	-	rs7234029	12867060	intron	0	N	0.435	-	3.41274E-08
-	-	-	rs657555	12837136	intron	0	N	-	-	3.59514E-08
-	-	-	rs16939895	12811903	intron	0.002	N	-	-	5.19118E-08

-	-	-	rs478582	12825976	intron	0.001	N	-	-	1.81869E-05
-	-	-	rs8087237	12824359	intron	0.04	N	-	-	1.84763E-05
-	-	-	rs2542152	12772761	-	0.001	N	-	-	0.000271523
-	-	-	rs2847297	12787694	intron	0.002	N	0.281	-	0.000515974
-	-	-	rs2847286	12807815	intron	0	N	-	-	0.001250802
-	-	-	rs2542160	12779246	intron	0.017	N	-	-	0.001448865
-	-	-	rs973767	12810057	intron	0.007	N	-	-	0.017252731
-	-	-	rs8085163	12799304	intron	0.001	N	-	-	0.018807286
-	-	-	rs10502414	12792416	intron	0.003	N	-	-	0.021267397
-	-	-	rs2847288	12802896	intron	0.001	N	1.456	-	0.022628828
-	-	-	rs17597893	12802061	intron	0.458	N	-	-	0.025079206
LOC441108	5.15E-07	5	rs2188962	131798704	intron	0	N	-	3.52E-11	5.15284E-08
-	-	-	rs1023518	131821671	intron	0	N	-	-	3.59645E-06
-	-	-	rs4235801	131810343	intron	0.001	N	-	-	6.23731E-05
-	-	-	rs4540166	131807756	intron	0	N	1.01	-	7.06644E-05
-	-	-	rs11744116	131807659	intron	0.004	N	1.01	-	7.42846E-05
-	-	-	rs4371745	131807854	intron	0	N	1.01	-	0.000100737
-	-	-	rs2285673	131783868	intron	0	N	1.279	-	0.000252617
-	-	-	rs10071051	131780519	intron	0.005	N	1.321	-	0.000548751
-	-	-	rs11242111	131783957	intron	0	N	-	-	0.011792449
-	-	-	rs725580	131792002	intron	0.002	N	0.456	-	0.017718287
MST1	1.47E-06	3	rs3197999	49696536	missense	0.003	Y	-	0.000000564	1.46097E-06

TNFSF15	3.28E-06	9	rs6478109	116608587	near-gene-5	0.03	N	-	0.00422	1.71866E-06
-	-	-	rs4263839	116606261	intron	0	N	-	0.0000658	2.44605E-06
-	-	-	rs6478108	116598524	intron	0.001	N	-	-	2.6632E-06
-	-	-	rs1407308	116610044	-	0	N	0.129	-	0.027321752
C13orf31	4.30E-06	13	rs3764147	43355925	missense	1	N	0.508	0.000000133	1.12695E-06
-	-	-	rs895266	43359179	intron	0	N	1.652	-	0.000153922
-	-	-	rs6561150	43358470	intron	0.049	N	-	-	0.001194344
BSN	2.48E-06	3	rs11919311	49631793	intron	0.053	N	-	-	6.99563E-07
-	-	-	rs2329020	49660077	intron	0.008	N	-	-	9.54069E-07
-	-	-	rs9858542	49676987	coding-synonymous	1	N	-	0.00000224	1.29921E-06
-	-	-	rs11718165	49671801	intron	0.131	N	-	-	2.82772E-06
-	-	-	rs2131104	49671637	intron	0	N	-	-	2.94307E-06
-	-	-	rs9827708	49624993	intron	0	N	0.041	-	3.18091E-06
RTEL1	6.45E-06	20	rs6010620	61780283	intron	0	N	0.57	-	1.7197E-06
-	-	-	rs2297441	61798026	utr-3	0.012	Y	0.548	0.000138	7.92104E-06
FGFR1OP	1.12E-05	6	rs7749278	167355315	intron	0	N	1.426	0.00121	2.099E-06
-	-	-	rs2301436	167357978	intron	0.086	N	1.382	0.000000326	2.09912E-06
-	-	-	rs12526548	167351137	intron	0.005	N	1.36	-	2.59748E-06
-	-	-	rs1894603	167354676	intron	0	N	1.366	-	3.12779E-06
-	-	-	rs9295385	167368171	intron	0	N	-	-	2.5734E-05
-	-	-	rs9457252	167353915	intron	0	N	1.739	-	3.22963E-05
-	-	-	rs16899799	167357893	intron	0	N	-	-	0.012418021

-	-	-	rs16899828	167371586	intron	0.001	N	-	-	0.01547612
-	-	-	rs162295	167374087	near-gene-3	0.152	N	-	-	0.016942114
-	-	-	rs16899801	167358388	intron	0	N	-	-	0.01769981
-	-	-	rs16899825	167371516	intron	0.001	N	-	-	0.018747718
-	-	-	rs16899821	167370997	intron	0.298	N	-	-	0.018880907
-	-	-	rs162297	167375129	-	0.017	N	-	-	0.0201477
-	-	-	rs16899788	167351316	intron	0	N	-	-	0.021625807
-	-	-	rs2282859	167365129	intron	0	N	-	-	0.024647348
-	-	-	rs239932	167334671	intron	0	N	-	-	0.030097109
MUC19	2.05E-05	12	rs11564144	39104262	intron	0	N	-	0.0000655	1.23764E-06
-	-	-	rs11564247	39107745	intron	0	N	-	-	1.97366E-06
-	-	-	rs11564249	39106670	coding-synonymous	0.273	N	-	-	5.84306E-06
-	-	-	rs7972535	39104527	intron	0	N	-	-	0.018468879
C1orf81	1.24E-04	1	rs11584383	199202489	-	0	N	-	0.00000234	3.95107E-06
-	-	-	rs404339	199153514	-	0	N	-	-	1.87772E-05
-	-	-	rs11579874	199186985	-	0	N	-	-	2.458E-05
-	-	-	rs296547	199158760	-	0	N	1.358	-	0.000147579
-	-	-	rs378672	199152956	-	0	N	1.217	-	0.000370954
-	-	-	rs1572789	199198928	-	0.002	N	0.11	-	0.000400393
-	-	-	rs2050786	199181190	-	0.003	N	-	-	0.01703945
-	-	-	rs4915471	199201055	-	0.001	N	-	-	0.024396118
KIF21B	4.80E-05	1	rs2297909	199226930	intron	0	N	-	0.0001	9.77536E-06

-	-	-	rs12122721	199251103	intron	0	N	1.447	-	1.51102E-05
-	-	-	rs6687260	199247321	intron	0	N	0.444	-	0.000513631
-	-	-	rs957957	199254421	intron	0	N	0.409	-	0.000555905
-	-	-	rs6700264	199250645	intron	0	N	0.37	-	0.000574251
-	-	-	rs10800750	199231201	intron	0	N	0.08	-	0.001588753
CDKAL1	1.69E-04	6	rs6908425	20836710	intron	0.024	N	0.895	0.000278	1.66954E-06
-	-	-	rs7748720	20797924	intron	0.039	N	0.686	0.0288	2.30282E-06
-	-	-	rs4712527	20771314	intron	0	N	0.234	-	7.15114E-06
-	-	-	rs7758851	20650200	intron	0	N	-	-	0.000484474
-	-	-	rs17584626	20668414	intron	0.25	N	-	-	0.000820799
-	-	-	rs6928012	20836492	intron	0.011	N	2.085	-	0.000864618
-	-	-	rs7763304	20732013	intron	0.004	N	-	-	0.000909073
-	-	-	rs714831	20732337	intron	0	N	2.487	-	0.001500132
-	-	-	rs6909467	20641141	near-gene-5	0	N	0.413	-	0.002649483
-	-	-	rs9465895	20912542	intron	0.001	N	-	-	0.006348348
-	-	-	rs9368246	20974836	intron	0	N	-	-	0.006374474
-	-	-	rs12661606	20923239	intron	0.001	N	1.551	-	0.007199632
-	-	-	rs9460563	20932997	intron	0	N	-	-	0.007490285
-	-	-	rs9465904	20929641	intron	0	N	1.555	-	0.007564846
-	-	-	rs2328531	20751731	intron	0.026	N	1.347	-	0.007604194
-	-	-	rs9358383	21107366	intron	0.019	N	0.904	-	0.008196909
-	-	-	rs9465890	20882738	intron	0	N	-	-	0.008610364



-	-	-	rs4712556	20964682	intron	0.001	N	-	-	0.009095232
-	-	-	rs9465831	20719905	intron	0	N	-	-	0.009224427
-	-	-	rs9358376	21006228	intron	0	N	-	-	0.01224754
-	-	-	rs7758612	20747583	intron	0	N	1.14	-	0.013217298
-	-	-	rs9358363	20851931	intron	0	N	-	-	0.013471554
-	-	-	rs9358401	21325164	intron	0	N	-	-	0.016048297
-	-	-	rs4645410	20981827	intron	0	N	-	-	0.016162875
-	-	-	rs7747989	20921354	intron	0	N	-	-	0.016467776
-	-	-	rs9465923	20990154	intron	0	N	-	-	0.017004143
-	-	-	rs4712572	21069040	intron	0	N	-	-	0.017652114
-	-	-	rs9358372	20920567	intron	0.005	N	1.071	-	0.019240928
-	-	-	rs6918457	20674435	intron	0	N	-	-	0.020258012
-	-	-	rs4077404	20984592	intron	0.066	N	-	-	0.020866436
-	-	-	rs9465994	21309472	coding-synonymous	0.974	N	-	-	0.021207803
-	-	-	rs1012625	20685748	intron	0	N	-	-	0.02126024
-	-	-	rs4710944	20852706	intron	0.001	N	-	-	0.022076589
-	-	-	rs6905567	20915109	intron	0.66	N	-	-	0.024868061
-	-	-	rs12211211	20905830	intron	0.069	N	-	-	0.026088234
-	-	-	rs2446484	21248465	intron	0	N	-	-	0.026760222
-	-	-	rs1498426	21116132	intron	0.004	N	0.614	-	0.029898827
-	-	-	rs6938184	21026230	intron	0	N	-	-	0.03081053
-	-	-	rs201311	21124511	intron	0	N	-	-	0.031369719

-	-	-	rs4710958	21018982	intron	0	N	-	-	0.032535147
-	-	-	rs4236002	20962984	intron	0.067	N	0.63	-	0.033841647
-	-	-	rs7764365	21225585	intron	0	N	1.467	-	0.035945069
-	-	-	rs4710964	21216170	intron	0	N	-	-	0.036131297
-	-	-	rs6942273	21333556	intron	0	N	-	-	0.036290924
-	-	-	rs6456382	21009290	intron	0	N	0.544	-	0.043597423
STAT3	1.87E-04	17	rs744166	37767727	intron	0	N	-	9.15E-08	2.58652E-05
-	-	-	rs9891119	37761506	intron	0.053	N	-	-	0.00011722
-	-	-	rs1026916	37783361	intron	0	N	-	-	0.000122385
-	-	-	rs7211777	37787601	intron	0.133	N	-	-	0.000129959
-	-	-	rs3816769	37751799	intron	0	N	-	-	0.000227181
-	-	-	rs3785898	37768646	intron	0	N	1.361	-	0.00080672
-	-	-	rs8069645	37748428	intron	0.004	N	-	-	0.001261271
-	-	-	rs4796793	37795736	-	0.002	N	1.216	-	0.003227348
RSBN1	3.46E-04	1	rs6679677	114105331	near-gene-3	0	N	-	0.0000825	5.94813E-05
-	-	-	rs12117799	114120127	intron	0.001	N	-	-	0.014913014
-	-	-	rs2040041	114114146	intron	0.003	N	-	-	0.037509224
-	-	-	rs2797409	114131725	intron	0.016	N	0.1	-	0.045986791
-	-	-	rs1217396	114139759	intron	0	N	0.057	-	0.046760912
PTPN22	4.10E-04	1	rs2476601	114179091	missense	0.999	N	-	0.000101	6.80765E-05
-	-	-	rs2476602	114198478	intron	0.001	N	-	-	0.011895252
-	-	-	rs2488457	114216891	-	0.001	N	-	-	0.017065164

-	-	-	rs2476599	114164982	intron	0	N	-	-	0.018711804
-	-	-	rs1217414	114214190	intron	0.001	N	-	-	0.02694673
-	-	-	rs1217407	114195271	intron	0	N	0.792	-	0.036840222
CCNY	4.79E-04	10	rs3936503	35589263	intron	0	N	2.128	0.000176	4.79365E-05
-	-	-	rs16935948	35589754	intron	0.002	N	2.128	-	4.93806E-05
-	-	-	rs17500653	35575603	near-gene-5	0	N	0.152	-	0.000599893
-	-	-	rs7921820	35594953	intron	0.863	N	1.566	-	0.001975593
-	-	-	rs10827512	35855733	intron	0	N	0.193	-	0.030766495