

Supplemental Table 3. Association of autoimmune disease GWAS SNPs with cardiac NL

SNP	Chr	Pos (Mb)	Region	MAF		P-value	Genetic model	OR [CI]	HWE P-value		Disease	Ref
				case	control				case	control		
rs6684865*	1	2.536	MMEL1	0.41	0.33	1.50E-02	add	1.39 [1.07-1.82]	0.567	0.938	RA	WTCCC, Nature 447, 2007
rs3890745	1	2.543	MMEL1	0.37	0.31	9.60E-02	add	1.26 [0.96-1.66]	0.843	0.841	RA	Raychaudhuri, Nat Genet
rs10492972*	1	10.276	KIF1B	0.41	0.33	2.49E-02	add	1.36 [1.04-1.78]	1.000	0.510	MS	Aulchenko, Nat Genet
rs3806308	1	20.015	RNF186	0.37	0.37	9.61E-01	add	0.99 [0.76-1.3]	0.689	0.370	UC	Silverberg, Nat Genet
rs10753575	1	20.036	HTR6	NA	NA	NA	NA	NA	NA	NA	UC	Silverberg et al, Nat Genet 2009
rs6426833	1	20.044	several	0.46	0.45	7.89E-01	add	1.04 [0.8-1.35]	0.454	0.553	UC	Barrett Nat Genet 2009
rs6426833	1	20.044	several	0.46	0.45	7.89E-01	add	1.04 [0.8-1.35]	0.454	0.553	UC	Silverberg, Nat Genet
rs7524102	1	22.571	Intergenic	NA	NA	NA	NA	NA	NA	NA	UC	Barrett Nat Genet 2009
rs11206377*	1	39.822	LOC100129342	0.42	0.42	9.48E-01	add	1.01 [0.77-1.32]	0.705	0.695	BD	Fei, Arthritis Res Ther
rs2269241*	1	63.881	PGM1	0.16	0.19	8.54E-02	dom	0.69 [0.46-1.05]	0.073	0.392	T1D	Barrett, Nat Genet
rs1004819	1	67.443	IL23R	0.28	0.30	6.71E-01	add	0.94 [0.7-1.25]	0.820	0.541	CD	Duerr et al, Science 314, 2006
rs1004819	1	67.443	IL23R	0.28	0.30	6.71E-01	add	0.94 [0.7-1.25]	0.820	0.541	UC	Silverberg et al, Nat Genet 2009
rs11805303*	1	67.448	IL23R	0.28	0.30	6.71E-01	add	0.94 [0.7-1.25]	0.820	0.541	CD	WTCCC, Nature 447, 2007
rs11805303*	1	67.448	IL23R	0.28	0.30	6.71E-01	add	0.94 [0.7-1.25]	0.820	0.541	UC	Franke et al, Nat Genet 40, 2008
rs7517847	1	67.454	IL23R	0.42	0.42	5.47E-02	rec	0.56 [0.31-1.01]	0.004	0.645	CD	Duerr et al, Science 314, 2006
rs7517847	1	67.454	IL23R	0.42	0.42	5.47E-02	rec	0.56 [0.31-1.01]	0.004	0.645	CD	Rioux, Nat Genet
rs7517847	1	67.454	IL23R	0.42	0.42	5.47E-02	rec	0.56 [0.31-1.01]	0.004	0.645	IBD	Duerr, Science
rs10489629	1	67.461	IL23R	0.45	0.46	6.72E-01	add	0.94 [0.73-1.23]	0.577	1.000	CD	Duerr et al, Science 314, 2006
rs2201841	1	67.467	IL23R	0.30	0.31	9.47E-01	add	0.99 [0.74-1.32]	0.659	0.226	CD	Duerr et al, Science 314, 2006
rs2201841	1	67.467	IL23R	0.30	0.31	9.47E-01	add	0.99 [0.74-1.32]	0.659	0.226	PS	Nair, Nat Genet
rs11465804	1	67.475	IL23R	NA	NA	NA	NA	NA	NA	NA	CD	Duerr et al, Science 314, 2006
rs11465804	1	67.475	IL23R	NA	NA	NA	NA	NA	NA	NA	CD	Libioulle, PLOS genetics 3, 2007
rs11465804	1	67.475	IL23R	NA	NA	NA	NA	NA	NA	NA	CD	Barrett, Nat Genet
rs11465804	1	67.475	IL23R	NA	NA	NA	NA	NA	NA	NA	UC	Silverberg et al, Nat Genet 2009
rs11209026	1	67.479	IL23R	NA	NA	NA	NA	NA	NA	NA	CD	Libioulle, PLoS Genet
rs11209026	1	67.479	IL23R	NA	NA	NA	NA	NA	NA	NA	IBD	Duerr, Science
rs11209026	1	67.479	IL23R	NA	NA	NA	NA	NA	NA	NA	IBD	Kugathasan, Nat Genet
rs11209026	1	67.479	IL23R	NA	NA	NA	NA	NA	NA	NA	PsA	Liu et al, PLoS Genetics 4, 2008
rs11209026	1	67.479	IL23R	NA	NA	NA	NA	NA	NA	NA	UC	Barrett Nat Genet 2009
rs11209026	1	67.479	IL23R	NA	NA	NA	NA	NA	NA	NA	UC	Silverberg et al, Nat Genet 2009
rs11209026	1	67.479	IL23R	NA	NA	NA	NA	NA	NA	NA	UC	Silverberg, Nat Genet
rs1343151	1	67.492	IL23R	0.34	0.35	6.79E-01	add	0.94 [0.71-1.25]	0.682	0.360	CD	Duerr et al, Science 314, 2006
rs10889677	1	67.498	IL23R	0.30	0.31	9.46E-01	add	0.99 [0.74-1.32]	0.659	0.242	CD	Duerr et al, Science 314, 2006
rs10889677	1	67.498	IL23R	0.30	0.31	9.46E-01	add	0.99 [0.74-1.32]	0.659	0.242	UC	Silverberg, Nat Genet
rs11209032	1	67.513	IL23R	0.31	0.33	7.00E-01	add	0.95 [0.71-1.25]	0.828	0.146	CD	Duerr et al, Science 314, 2006
rs12141391	1	72.047	NEGR1	NA	NA	NA	NA	NA	NA	NA	SLE	Hom, N Engl J Med
rs11162922	1	80.345	intergenic	NA	NA	NA	NA	NA	NA	NA	RA	WTCCC, Nature 447, 2007
rs672797	1	81.333	intergenic	NA	NA	NA	NA	NA	NA	NA	T1D	Hakonarson et al, Nature 448, 2007

rs1983853*	1	85.084	EDG7	0.08	0.12	1.79E-01	add	0.72 [0.45-1.16]	0.552	0.933	T1D	Grant, Diabetes
rs6604026	1	93.076	FAM69A,RPL5	0.27	0.28	8.00E-01	add	0.96 [0.72-1.29]	0.816	0.863	MS	Bahlo, Nat Genet 2009
rs6604026	1	93.076	FAM69A,RPL5	0.27	0.28	8.00E-01	add	0.96 [0.72-1.29]	0.816	0.863	MS	Hafner, N Engl J Med
rs6679677*	1	114.105	PTPN22	0.12	0.09	2.06E-01	add	1.3 [0.87-1.94]	1.000	0.026	RA	Raychaudhuri, Nat Genet
rs6679677*	1	114.105	PTPN22	0.12	0.09	2.06E-01	add	1.3 [0.87-1.94]	1.000	0.026	RA	WTCCC, Nature 447, 2007
rs6679677*	1	114.105	PTPN22	0.12	0.09	2.06E-01	add	1.3 [0.87-1.94]	1.000	0.026	T1D	Cooper, Nat Genet
rs6679677*	1	114.105	PTPN22	0.12	0.09	2.06E-01	add	1.3 [0.87-1.94]	1.000	0.026	T1D	Todd, Nat Genet
rs6679677*	1	114.105	PTPN22	0.12	0.09	2.06E-01	add	1.3 [0.87-1.94]	1.000	0.026	T1D	WTCCC, Nature 447, 2007
rs2476601	1	114.179	PTPN22	0.12	0.09	2.06E-01	add	1.3 [0.87-1.94]	1.000	0.026	CD	Barrett, Nat Genet
rs2476601	1	114.179	PTPN22	0.12	0.09	2.06E-01	add	1.3 [0.87-1.94]	1.000	0.026	RA	Gregersen, Nat Genet
rs2476601	1	114.179	PTPN22	0.12	0.09	2.06E-01	add	1.3 [0.87-1.94]	1.000	0.026	RA	Julia et al, A&R 58, 2008
rs2476601	1	114.179	PTPN22	0.12	0.09	2.06E-01	add	1.3 [0.87-1.94]	1.000	0.026	RA	Plenge, N Engl J Med
rs2476601	1	114.179	PTPN22	0.12	0.09	2.06E-01	add	1.3 [0.87-1.94]	1.000	0.026	T1D	Barrett, Nat Genet
rs2476601	1	114.179	PTPN22	0.12	0.09	2.06E-01	add	1.3 [0.87-1.94]	1.000	0.026	T1D	Hakonarson et al, Nature 448, 2007
rs2476601	1	114.179	PTPN22	0.12	0.09	2.06E-01	add	1.3 [0.87-1.94]	1.000	0.026	T1D	Hakonarson, Nature
rs2476601	1	114.179	PTPN22	0.12	0.09	2.06E-01	add	1.3 [0.87-1.94]	1.000	0.026	T1D	Todd, Nat Genet
rs1335532	1	116.902	CD58	0.13	0.13	8.29E-01	add	1.04 [0.71-1.54]	1.000	0.938	MS	Bahlo, Nat Genet 2009
rs2300747*	1	116.906	CD58	0.13	0.13	8.29E-01	add	1.04 [0.71-1.54]	1.000	0.938	MS	De Jager, Nat Genet 2009
rs2358820	1	117.513	VTCN1	NA	NA	NA	NA	NA	NA	NA	SLE	Hinks et al, A&R 60, 2009
rs12046117	1	117.553	VTCN1	NA	NA	NA	NA	NA	NA	NA	SLE	Hinks, Arthritis Rheum
rs4085613*	1	150.817	LCE3D, LCE3A	0.31	0.36	1.23E-01	add	0.8 [0.6-1.06]	0.515	0.177	PS	Zhang, Nat Genet
rs2274910	1	159.119	ITLN1	0.33	0.31	6.75E-01	add	1.06 [0.8-1.41]	0.674	0.543	CD	Barrett, Nat Genet
rs1801274	1	159.746	FCGR2A	0.57	0.49	2.69E-02	add	1.36 [1.04-1.78]	1.000	0.200	UC	Asano Nat Genet 2009
rs2343331	1	161.197	NR1I3, APOA2	NA	NA	NA	NA	NA	NA	NA	CD	Rioux et al, Nat Genet 39, 2007
rs9286879	1	171.129	FMO cluster	0.28	0.25	2.87E-01	add	1.17 [0.88-1.56]	1.000	0.616	CD	Barrett, Nat Genet
rs12035082*	1	171.165	FMO cluster	0.41	0.38	7.41E-02	dom	1.44 [0.97-2.15]	0.082	0.419	CD	Parkes, Nat Genet
rs12037606	1	171.165	FMO cluster	NA	NA	NA	NA	NA	NA	NA	CD	WTCCC, Nature 447, 2007
rs2205960	1	171.458	TNFSF4	0.22	0.22	9.93E-01	add	1 [0.73-1.37]	0.592	0.454	SLE	Han Nat Genet 2009
rs10798269	1	171.576	Intergenic	0.34	0.36	5.83E-01	add	0.92 [0.7-1.22]	0.101	0.851	SLE in women	Harley, Nat Genet
rs12047808	1	177.736	C1orf125	NA	NA	NA	NA	NA	NA	NA	MS (age of onset)	Baranzini, Hum Mol Genet
rs2022013	1	181.620	NMNAT2	0.34	0.42	2.19E-02	add	0.72 [0.55-0.95]	0.839	0.915	SLE	Harley, Nat Genet 40, 2008
rs10801047*	1	189.826	Intergenic	0.05	0.08	1.54E-01	add	0.65 [0.36-1.17]	1.000	0.538	CD	Parkes, Nat Genet
rs2760524	1	190.797	RSG1	NA	NA	NA	NA	NA	NA	NA	MS	De Jager, Nat Genet 2009
rs2816316	1	190.803	RGS1	0.17	0.17	9.28E-01	add	0.98 [0.69-1.4]	0.734	0.060	CelID	Hunt, Nat Genet
rs7554511	1	199.144	C1orf106	NA	NA	NA	NA	NA	NA	NA	UC	Barrett Nat Genet 2009
rs11584383*	1	199.202	Intergenic	0.36	0.29	3.36E-02	add	1.35 [1.02-1.78]	0.690	0.646	CD	Barrett, Nat Genet
rs3024505	1	205.007	IL10	NA	NA	NA	NA	NA	NA	NA	T1D	Barrett, Nat Genet
rs3024505	1	205.007	IL10	NA	NA	NA	NA	NA	NA	NA	UC	Franke, Nat Genet
rs3024493	1	205.011	IL10	NA	NA	NA	NA	NA	NA	NA	UC	Barrett Nat Genet 2009
rs2639703*	1	223.880	ENAH	0.34	0.27	3.32E-02	add	1.35 [1.02-1.79]	0.219	0.726	T1D	WTCCC, Nature 447, 2007
rs1109670	2	9.167	DDEF2	NA	NA	NA	NA	NA	NA	NA	MS	Baranzini, Hum Mol Genet

rs1534422	2	12.558	Intergenic	0.42	0.45	3.15E-01	add	0.87 [0.67-1.14]	0.705	0.625	T1D	Barrett, Nat Genet
rs2165738	2	24.546	Intergenic	NA	NA	NA	NA	NA	NA	NA	T1D	Cooper, Nat Genet
rs13385731	2	33.555	RASGRP3	NA	NA	NA	NA	NA	NA	NA	SLE	Han Nat Genet 2009
rs6544997	2	47.698	KCNK12	0.51	0.48	5.65E-01	add	1.08 [0.83-1.41]	0.140	0.890	Vitiligo	Birlea J Invest Dermatol 2009
rs17039212	2	49.809	Intergenic	NA	NA	NA	NA	NA	NA	NA	SLE	Graham, Nat Genet
rs13031237*	2	60.990	REL	0.27	0.34	2.35E-02	add	0.71 [0.53-0.96]	0.816	0.107	RA	Gregersen, Nat Genet
rs13017599	2	61.018	REL	0.27	0.34	2.35E-02	add	0.71 [0.53-0.96]	0.816	0.107	RA	Gregersen, Nat Genet
rs2164807	2	85.816	RNF181, VAMP8	0.39	0.43	4.21E-01	add	0.89 [0.68-1.17]	0.561	0.547	PS	Liu et al, PLoS Genetics 4, 2008
rs9653442	2	100.192	intergenic	NA	NA	NA	NA	NA	NA	NA	T1D	Todd, Nat Genet
rs13015714*	2	102.338	several	0.25	0.23	5.84E-01	add	1.09 [0.8-1.47]	0.213	0.662	CelD	Hunt, Nat Genet
rs651477	2	119.112	Intergenic	NA	NA	NA	NA	NA	NA	NA	MS	Baranzini, Hum Mol Genet
rs1437898	2	133.463	NAP5	0.37	0.37	9.63E-01	add	1.01 [0.77-1.32]	0.163	0.740	MS (age of onset)	Baranzini, Hum Mol Genet
rs882300	2	136.693	MCM6, CXCR4	NA	NA	NA	NA	NA	NA	NA	MS	De Jager, Nat Genet 2009
rs1990760*	2	162.832	IFIH1	0.41	0.41	8.14E-01	add	1.03 [0.79-1.35]	0.849	0.199	T1D	Barrett, Nat Genet
rs1990760*	2	162.832	IFIH1	0.41	0.41	8.14E-01	add	1.03 [0.79-1.35]	0.849	0.199	T1D	Todd, Nat Genet
rs3821236	2	191.611	STAT4	NA	NA	NA	NA	NA	NA	NA	SLE	Graham, Nat Genet
rs7574865	2	191.673	STAT4	0.23	0.24	7.31E-01	add	0.95 [0.69-1.29]	0.428	0.191	SLE	Han Nat Genet 2009
rs7574865	2	191.673	STAT4	0.23	0.24	7.31E-01	add	0.95 [0.69-1.29]	0.428	0.191	SLE	Hom, N Engl J Med
rs231735	2	204.402	CTLA4	0.48	0.49	9.95E-01	add	1 [0.77-1.3]	0.713	0.836	RA	Gregersen, Nat Genet
rs3087243*	2	204.447	CTLA4	0.42	0.43	8.08E-01	add	0.97 [0.74-1.27]	0.849	0.460	T1D	Barrett, Nat Genet
rs3087243*	2	204.447	CTLA4	0.42	0.43	8.08E-01	add	0.97 [0.74-1.27]	0.849	0.460	T1D	Cooper, Nat Genet
rs12612347*	2	218.766	ARPC2	0.53	0.49	2.17E-01	add	1.18 [0.91-1.52]	0.198	0.189	UC	Franke et al, Nat Genet 40, 2008
rs10210302	2	233.824	ATG16L1	NA	NA	NA	NA	NA	NA	NA	CD	WTCCC, Nature 447, 2007
rs3828309	2	233.845	ATG16L1	NA	NA	NA	NA	NA	NA	NA	CD	Barrett, Nat Genet
rs2241880	2	233.848	ATG16L1	NA	NA	NA	NA	NA	NA	NA	CD	Rioux, Nat Genet
rs6441961	3	46.327	CCR1, CCR3	0.29	0.32	3.57E-01	add	0.87 [0.66-1.16]	0.372	0.812	CelD	Hunt, Nat Genet
rs9858542*	3	49.677	BSN	0.23	0.30	1.91E-02	dom	0.63 [0.43-0.93]	0.068	0.033	CD	Parkes, Nat Genet
rs9858542*	3	49.677	BSN	0.23	0.30	1.91E-02	dom	0.63 [0.43-0.93]	0.068	0.033	CD	WTCCC, Nature 447, 2007
rs9858542*	3	49.677	BSN	0.23	0.30	1.91E-02	dom	0.63 [0.43-0.93]	0.068	0.033	UC	Barrett Nat Genet 2009
rs3197999	3	49.697	MST1	0.23	0.30	1.91E-02	dom	0.63 [0.43-0.93]	0.068	0.033	CD	Barrett, Nat Genet
rs6445975	3	58.345	PXK	0.25	0.28	2.69E-01	add	0.84 [0.62-1.14]	0.330	0.279	SLE in women	Harley, Nat Genet
rs6439924	3	141.652	CLSTN2	0.23	0.18	1.78E-02	add	1.46 [1.07-1.99]	1.000	1.000	CD	Rioux et al, Nat Genet 39, 2007
rs908821	3	142.023	SLC25A36	0.23	0.27	1.32E-01	add	0.79 [0.57-1.08]	0.611	0.569	MS	Baranzini, Hum Mol Genet
rs1841770	3	149.239	ZIC1	NA	NA	NA	NA	NA	NA	NA	MS	Baranzini, Hum Mol Genet
rs12638253	3	158.109	FLJ16641	0.42	0.47	8.04E-02	add	0.79 [0.6-1.03]	0.340	0.755	MS (severity)	Baranzini, Hum Mol Genet
rs17810546	3	161.148	IL12A, SCHIP1	0.10	0.10	7.32E-01	add	0.93 [0.61-1.42]	1.000	0.092	CelD	Hunt, Nat Genet
rs4680534	3	161.182	IL12A	NA	NA	NA	NA	NA	NA	NA	MS	De Jager, Nat Genet 2009
rs9834548	3	166.623	Intergenic	NA	NA	NA	NA	NA	NA	NA	Kawasaki	Burgner et al, Plos Genet 5, 2009
rs17531088*	3	176.376	NAALADL2	0.43	0.46	3.16E-01	add	0.87 [0.67-1.14]	0.342	0.404	Kawasaki	Burgner, PLoS Genet
rs6762743	3	180.495	ZNF639	0.28	0.30	7.00E-01	add	0.94 [0.7-1.27]	0.162	0.680	CelD	van Heel et al, Nat Genet 39, 2007
rs9290678	3	180.500	ZNF639	0.28	0.30	7.20E-01	add	0.95 [0.71-1.27]	0.162	0.680	CelD	van Heel et al, Nat Genet 39, 2007

rs1464510	3	189.595	LPP	0.48	0.43	1.29E-01	add	1.22 [0.94-1.59]	0.578	0.070	CelD	Hunt, Nat Genet
rs3816587	4	25.026	ANAPC4	NA	NA	NA	NA	NA	NA	NA	RA	WTCCC, Nature 447, 2007
rs10517086	4	25.695	SLC34A2	0.32	0.30	5.39E-01	add	1.09 [0.82-1.45]	0.669	0.161	T1D	Barrett, Nat Genet
rs16853571	4	41.448	PHOX2B	NA	NA	NA	NA	NA	NA	NA	CD	Rioux et al, Nat Genet 39, 2007
rs10518025	4	67.747	CENPC1	0.13	0.14	4.90E-01	add	0.87 [0.58-1.29]	0.689	0.217	MS (severity)	Baranzini, Hum Mol Genet
rs10516487	4	102.970	BANK1	0.27	0.31	2.10E-01	add	0.83 [0.62-1.11]	0.816	0.631	SLE	Kozyrev, Nat Genet
rs13151961	4	123.335	KIAA1109	NA	NA	NA	NA	NA	NA	NA	CelD	van Heel et al, Nat Genet 39, 2007
rs4505848	4	123.352	KIAA1109	0.33	0.31	7.61E-01	add	1.04 [0.79-1.38]	0.529	0.968	T1D	Barrett, Nat Genet
rs6534347	4	123.418	KIAA1109	NA	NA	NA	NA	NA	NA	NA	T1D	WTCCC, Nature 447, 2007
rs13119723	4	123.438	KIAA1109	NA	NA	NA	NA	NA	NA	NA	CelD	van Heel et al, Nat Genet 39, 2007
rs17388568*	4	123.549	ADAD1	0.33	0.31	6.31E-01	add	1.07 [0.81-1.42]	0.402	0.597	T1D	WTCCC, Nature 447, 2007
rs12642902	4	123.728	FGF2	0.38	0.34	1.97E-01	add	1.19 [0.91-1.56]	0.244	0.939	CelD	van Heel et al, Nat Genet 39, 2007
rs6822844	4	123.729	FGF2	NA	NA	NA	NA	NA	NA	NA	CelD	Hunt, Nat Genet
rs6822844	4	123.729	FGF2	NA	NA	NA	NA	NA	NA	NA	CelD	van Heel, Nat Genet
rs1478091	4	132.010	intergenic	0.06	0.07	9.40E-01	add	0.98 [0.57-1.68]	1.000	0.109	MS (severity)	Baranzini, Hum Mol Genet
rs2313132*	4	138.912	intergenic	0.14	0.10	2.53E-02	add	1.55 [1.06-2.27]	1.000	0.689	SLE	Graham, Nat Genet
rs7672826	4	182.637	MGC45800	0.34	0.33	7.17E-01	add	1.05 [0.8-1.39]	0.532	0.844	MS	Baranzini, Hum Mol Genet
rs6897932	5	35.910	IL7R	0.21	0.25	4.42E-02	dom	0.67 [0.46-0.99]	0.258	0.891	MS	De Jager, Nat Genet 2009
rs6897932	5	35.910	IL7R	0.21	0.25	4.42E-02	dom	0.67 [0.46-0.99]	0.258	0.891	MS	Hafler, N Engl J Med
rs6897932	5	35.910	IL7R	0.21	0.25	4.42E-02	dom	0.67 [0.46-0.99]	0.258	0.891	T1D	Todd, Nat Genet
rs1445898	5	35.946	CAPSL	NA	NA	NA	NA	NA	NA	NA	T1D	Todd, Nat Genet
rs348601	5	40.356	Intergenic	NA	NA	NA	NA	NA	NA	NA	CD	Libioule et al, 2007
rs1002922*	5	40.422	Intergenic	0.28	0.32	1.98E-01	add	0.83 [0.62-1.11]	0.650	0.812	CD	Libioule et al, 2007
rs4613763	5	40.428	Intergenic	0.17	0.11	1.07E-02	add	1.59 [1.11-2.27]	1.000	0.727	CD	Libioule et al, 2007
rs4613763	5	40.428	Intergenic	0.17	0.11	1.07E-02	add	1.59 [1.11-2.27]	1.000	0.727	CD	Barrett, Nat Genet
rs10512734	5	40.429	Intergenic	0.28	0.32	1.98E-01	add	0.83 [0.62-1.11]	0.650	0.812	CD	Libioule et al, 2007
rs17234657*	5	40.437	Intergenic	0.17	0.11	1.07E-02	add	1.59 [1.11-2.27]	1.000	0.727	CD	WTCCC, Nature 447, 2007
rs1992660*	5	40.451	Intergenic	0.38	0.40	4.78E-01	add	0.91 [0.69-1.19]	0.431	0.264	IBS	Franke, PLoS ONE
rs6896969	5	40.460	Intergenic	NA	NA	NA	NA	NA	NA	NA	MS	De Jager, Nat Genet 2009
rs1373692	5	40.467	Intergenic	0.38	0.40	4.78E-01	add	0.91 [0.69-1.19]	0.431	0.264	CD	Libioule, PLoS Genet
rs9292777	5	40.474	Intergenic	NA	NA	NA	NA	NA	NA	NA	CD	Parkes, Nat Genet
rs4495224	5	40.513	Intergenic	NA	NA	NA	NA	NA	NA	NA	CD	Libioule et al, 2007
rs979233*	5	42.411	GHR	0.31	0.34	5.59E-01	add	0.92 [0.69-1.22]	0.197	0.463	SLE	Hom, N Engl J Med
rs2544677*	5	86.435	Intergenic	0.24	0.23	8.36E-01	add	1.03 [0.76-1.4]	0.303	0.134	T1D	WTCCC, Nature 447, 2007
rs6596075*	5	131.770	Intergenic	0.18	0.16	4.13E-01	add	1.15 [0.82-1.63]	0.358	0.847	CD	WTCCC, Nature 447, 2007
rs2188962*	5	131.799	LOC441108	0.41	0.44	4.97E-01	add	0.91 [0.7-1.19]	0.849	0.400	CD	Barrett, Nat Genet
rs20541	5	132.024	IL13	0.15	0.19	6.81E-02	dom	0.67 [0.44-1.03]	0.134	1.000	PS	Nair, Nat Genet
rs17166496	5	132.657	FSTL4	NA	NA	NA	NA	NA	NA	NA	T1D	WTCCC, Nature 447, 2007
rs13361189	5	150.204	IRGM	NA	NA	NA	NA	NA	NA	NA	CD	Parkes, Nat Genet
rs1000113	5	150.220	IRGM	NA	NA	NA	NA	NA	NA	NA	CD	WTCCC, Nature 447, 2007
rs11747270	5	150.239	IRGM	NA	NA	NA	NA	NA	NA	NA	CD	Barrett, Nat Genet

rs10036748	5	150.438	TNIP1	NA	NA	NA	NA	NA	NA	NA	SLE	Han Nat Genet 2009
rs17728338	5	150.459	TNIP1	NA	NA	NA	NA	NA	NA	NA	PS	Nair, Nat Genet
rs4704970	5	155.434	SGCD	0.19	0.18	9.37E-01	add	0.99 [0.7-1.38]	0.760	0.817	MS (age of onset)	Baranzini, Hum Mol Genet
rs2082412*	5	158.650	IL12B	0.22	0.21	7.17E-01	add	1.06 [0.77-1.46]	0.783	0.875	PS	Nair, Nat Genet
rs3213094	5	158.683	IL12B	NA	NA	NA	NA	NA	NA	NA	PS	Zhang, Nat Genet
rs10045431	5	158.747	IL12B	NA	NA	NA	NA	NA	NA	NA	CD	Barrett, Nat Genet
rs6887695	5	158.755	IL12B	NA	NA	NA	NA	NA	NA	NA	CD	Parkes, Nat Genet
rs6887695	5	158.755	IL212B	NA	NA	NA	NA	NA	NA	NA	PsA	Liu et al, PLoS Genetics 4, 2008
rs2431697	5	159.813	intergenic	0.45	0.44	7.36E-01	add	1.05 [0.8-1.36]	1.000	0.441	SLE	Harley, Nat Genet 40, 2008
rs6941421	6	15.197	JARID2	NA	NA	NA	NA	NA	NA	NA	MS (severity)	Baranzini, Hum Mol Genet
rs6908425	6	20.837	CDKAL1	NA	NA	NA	NA	NA	NA	NA	CD	Barrett, Nat Genet
rs6908425	6	20.837	CDKAL1	NA	NA	NA	NA	NA	NA	NA	CD	WTCCC, Nature 447, 2007
rs9263739*	6	31.219	CCHCR1	0.19	0.17	4.02E-01	add	1.16 [0.82-1.62]	0.760	0.804	UC	Asano Nat Genet 2009
rs9268480*	6	32.472	BTNL2	0.33	0.36	3.92E-01	add	0.89 [0.67-1.17]	0.091	0.624	UC	Asano Nat Genet 2009
rs9268877	6	32.539	HLA	NA	NA	NA	NA	NA	NA	NA	UC	Barrett Nat Genet 2009
rs2395185	6	32.541	HLA	NA	NA	NA	NA	NA	NA	NA	UC	Asano Nat Genet 2009
rs9271100	6	32.684	HLA	NA	NA	NA	NA	NA	NA	NA	SLE	Han Nat Genet 2009
rs3757247	6	91.014	BACH2	0.49	0.46	3.79E-01	add	1.13 [0.87-1.46]	0.853	0.945	T1D	Grant, Diabetes
rs11755527*	6	91.015	BACH2	0.49	0.46	3.79E-01	add	1.13 [0.87-1.46]	0.853	0.945	T1D	Barrett, Nat Genet
rs11755527*	6	91.015	BACH2	0.49	0.46	3.79E-01	add	1.13 [0.87-1.46]	0.853	0.945	T1D	Cooper, Nat Genet
rs7746082	6	106.542	PRDM1, ATG5	NA	NA	NA	NA	NA	NA	NA	CD	Barrett, Nat Genet
rs548234	6	106.675	PRDM1, ATG5	NA	NA	NA	NA	NA	NA	NA	SLE	Han Nat Genet 2009
rs6568431	6	106.695	PRDM1, ATG5	NA	NA	NA	NA	NA	NA	NA	SLE	Harley, Nat Genet 40, 2008
rs573775	6	106.872	ATG5	NA	NA	NA	NA	NA	NA	NA	SLE	Harley, Nat Genet 40, 2008
rs9388489*	6	126.740	C6orf173	0.50	0.48	6.89E-01	add	1.05 [0.81-1.37]	0.457	0.350	T1D	Barrett, Nat Genet
rs10499194	6	138.044	TNFAIP3	NA	NA	NA	NA	NA	NA	NA	RA	Plenge, Nat Genet
rs6920220*	6	138.048	TNFAIP3	0.18	0.20	5.27E-01	add	0.89 [0.63-1.26]	0.761	0.956	RA	Plenge, Nat Genet
rs6920220*	6	138.048	TNFAIP3	0.18	0.20	5.27E-01	add	0.89 [0.63-1.26]	0.761	0.956	RA	Raychaudhuri, Nat Genet
rs6920220*	6	138.048	TNFAIP3	0.18	0.20	5.27E-01	add	0.89 [0.63-1.26]	0.761	0.956	RA	WTCCC, Nature 447, 2007
rs7753394	6	138.127	TNFAIP3	NA	NA	NA	NA	NA	NA	NA	CD	WTCCC, Nature 447, 2007
rs5029939	6	138.237	TNFAIP3	NA	NA	NA	NA	NA	NA	NA	SLE	Graham, Nat Genet
rs2230926	6	138.238	TNFAIP3	NA	NA	NA	NA	NA	NA	NA	SLE	Han Nat Genet 2009
rs610604	6	138.241	TNFAIP3	NA	NA	NA	NA	NA	NA	NA	PS	Nair, Nat Genet
rs1738074	6	159.386	TAGAP	NA	NA	NA	NA	NA	NA	NA	CelD	Hunt, Nat Genet
rs2301436	6	167.358	FGFR10P	0.46	0.46	2.11E-01	dom	0.78 [0.53-1.15]	0.024	0.164	CD	Barrett, Nat Genet
rs13208776	6	168.684	SMOC2	NA	NA	NA	NA	NA	NA	NA	Vitiligo	Birlea J Invest Dermatol 2009
rs10259085	7	7.235	C1GALT1	NA	NA	NA	NA	NA	NA	NA	MS (severity)	Baranzini, Hum Mol Genet
rs11771231	7	7.781	RPA3	NA	NA	NA	NA	NA	NA	NA	RA	WTCCC, Nature 447, 2007
rs10156091	7	8.154	ICA1	0.12	0.09	1.89E-01	add	1.3 [0.88-1.94]	0.667	0.062	SLE	Harley, Nat Genet 40, 2008
rs7804356	7	26.858	SKAP2	0.22	0.24	5.37E-01	add	0.91 [0.66-1.24]	1.000	0.397	T1D	Barrett, Nat Genet
rs317711	7	29.069	CPVL	NA	NA	NA	NA	NA	NA	NA	BD	Fei, Arthritis Res Ther

rs1456893*	7	50.240	Intergenic	0.29	0.31	5.21E-01	add	0.91 [0.68-1.21]	0.656	0.746	CD	Barrett, Nat Genet
rs4917014	7	50.276	IKZF1	NA	NA	NA	NA	NA	NA	NA	SLE	Han Nat Genet 2009
rs4948088	7	50.995	COBL	NA	NA	NA	NA	NA	NA	NA	T1D	Barrett, Nat Genet
rs1167796	7	75.011	HIP1	NA	NA	NA	NA	NA	NA	NA	SLE	Han Nat Genet 2009
rs42041*	7	92.085	CDK6	0.27	0.29	6.46E-01	add	0.93 [0.69-1.25]	0.157	0.704	RA	Raychaudhuri, Nat Genet
rs10255021	7	93.870	COL1A2	NA	NA	NA	NA	NA	NA	NA	T1D	Hakonarson et al, Nature 448, 2007
rs17157903	7	103.415	RELN	NA	NA	NA	NA	NA	NA	NA	MS (age of onset)	Baranzini, Hum Mol Genet
rs2108225*	7	107.240	SLC26A3	0.44	0.43	7.61E-01	add	1.04 [0.8-1.36]	1.000	0.052	UC	Asano Nat Genet 2009
rs4730273	7	107.267	SLC26A4	0.28	0.30	6.35E-01	add	0.93 [0.7-1.25]	0.820	0.934	UC	Silverberg, Nat Genet
rs4730276	7	107.272	SLC26A4	NA	NA	NA	NA	NA	NA	NA	UC	Silverberg, Nat Genet
rs886774*	7	107.283	SLC26A4	0.43	0.41	4.80E-01	add	1.1 [0.84-1.44]	0.704	0.694	UC	Barrett Nat Genet 2009
rs4598195	7	107.291	SLC26A4	0.40	0.42	3.87E-01	add	0.89 [0.68-1.16]	0.442	0.357	UC	Silverberg, Nat Genet
rs2158836	7	107.368	LAMB1	0.42	0.38	2.67E-01	add	1.16 [0.89-1.52]	0.340	0.912	UC	Silverberg, Nat Genet
rs10243024	7	116.134	MET	0.25	0.24	7.42E-01	add	1.05 [0.78-1.42]	0.326	0.814	MS (severity)	Baranzini, Hum Mol Genet
rs729302	7	128.356	IRF5, TNPO3	0.24	0.31	6.95E-03	dom	0.59 [0.41-0.87]	0.203	0.903	SLE	Harley, Nat Genet 40, 2008
rs4728142	7	128.361	IRF5, TNPO3	NA	NA	NA	NA	NA	NA	NA	SLE	Han Nat Genet 2009
rs10488631	7	128.381	IRF5, TNPO3	NA	NA	NA	NA	NA	NA	NA	SLE	Hom, N Engl J Med
rs10239340	7	128.456	IRF5, TNPO3	0.28	0.37	2.40E-03	add	0.64 [0.48-0.85]	0.489	0.319	SLE	Harley, Nat Genet 40, 2008
rs10279821*	7	128.471	IRF5, TNPO3	0.28	0.37	2.40E-03	add	0.64 [0.48-0.85]	0.489	0.319	SLE	Harley, Nat Genet 40, 2008
rs12537284	7	128.505	IRF5, TNPO3	0.18	0.13	3.24E-02	add	1.45 [1.03-2.05]	1.000	0.821	SLE in women	Harley, Nat Genet
rs11761231	7	131.021	Intergenic	NA	NA	NA	NA	NA	NA	NA	RA	WTCCC, Nature 447, 2007
rs7807268	7	147.889	Intergenic	NA	NA	NA	NA	NA	NA	NA	CD	WTCCC, Nature 447, 2007
rs1529316	8	3.816	CSMD1	NA	NA	NA	NA	NA	NA	NA	MS	Baranzini, Hum Mol Genet
rs6601327	8	9.433	Intergenic	0.37	0.35	6.64E-01	add	1.06 [0.81-1.39]	0.229	0.733	SLE	Harley, Nat Genet 40, 2008
rs6985109	8	10.799	XKR6	NA	NA	NA	NA	NA	NA	NA	SLE	Harley, Nat Genet 40, 2008
rs4240671	8	10.805	XKR6	0.49	0.50	7.38E-01	add	0.96 [0.74-1.24]	0.854	0.756	SLE	Harley, Nat Genet 40, 2008
rs11783247	8	10.826	XKR6	NA	NA	NA	NA	NA	NA	NA	SLE	Harley, Nat Genet 40, 2008
rs6984496	8	10.834	XKR6	NA	NA	NA	NA	NA	NA	NA	SLE	Harley, Nat Genet 40, 2008
rs7836059	8	11.310	C8orf12	0.48	0.50	4.14E-01	add	0.89 [0.68-1.17]	0.851	0.835	SLE	Harley, Nat Genet 40, 2008
rs7812879*	8	11.378	BLK	0.16	0.18	3.33E-01	add	0.84 [0.58-1.2]	0.735	0.454	SLE	Han Nat Genet 2009
rs2736340	8	11.381	BLK	0.26	0.23	3.46E-01	add	1.15 [0.86-1.56]	0.634	0.961	RA	Gregersen, Nat Genet
rs13277113*	8	11.387	BLK	0.26	0.23	3.46E-01	add	1.15 [0.86-1.56]	0.634	0.961	SLE	Hom, N Engl J Med
rs2618476	8	11.390	BLK	NA	NA	NA	NA	NA	NA	NA	SLE	Graham, Nat Genet
rs2248932	8	11.429	BLK	0.37	0.33	2.63E-01	add	1.17 [0.89-1.54]	0.844	0.697	SLE	Harley, Nat Genet 40, 2008
rs10903340	8	11.488	BLK	NA	NA	NA	NA	NA	NA	NA	SLE	Harley, Nat Genet 40, 2008
rs7829816	8	57.012	LYN	0.23	0.21	3.86E-01	add	1.15 [0.84-1.57]	0.792	0.959	SLE	Harley, Nat Genet 40, 2008
rs2667978	8	57.061	LYN	0.22	0.23	9.52E-01	add	1.01 [0.74-1.38]	1.000	0.061	SLE	Harley, Nat Genet 40, 2008
rs2116078*	8	73.527	Intergenic	0.45	0.48	4.81E-01	add	0.91 [0.7-1.19]	0.352	0.628	MS (age of onset)	Baranzini, Hum Mol Genet
rs1551398	8	126.609	Intergenic	NA	NA	NA	NA	NA	NA	NA	CD	Barrett, Nat Genet
rs10505604	8	134.097	TG	0.23	0.26	3.70E-01	add	0.87 [0.63-1.19]	1.000	0.928	CeID	van Heel et al, Nat Genet 39, 2007

rs4469515	9	1.329	Intergenic	0.43	0.40	2.92E-01	add	1.15 [0.89-1.5]	0.851	0.351	CelD	van Heel et al, Nat Genet 39, 2007
rs7020673*	9	4.282	GLIS3	0.44	0.49	1.53E-01	add	0.82 [0.63-1.07]	0.348	0.511	T1D	Barrett, Nat Genet
rs10758593*	9	4.282	GLIS3	0.47	0.44	3.27E-01	add	1.14 [0.88-1.49]	1.000	0.362	T1D	Grant, Diabetes
rs10758669	9	4.972	JAK2	0.36	0.36	7.93E-01	add	1.04 [0.79-1.36]	1.000	0.163	CD	Barrett, Nat Genet
rs10975003	9	5.204	INSL4, INSL6	NA	NA	NA	NA	NA	NA	NA	UC	Asano Nat Genet 2009
rs1755289	9	17.928	in	NA	NA	NA	NA	NA	NA	NA	MS	Baranzini, Hum Mol Genet
rs2812378*	9	34.700	CCL21	0.28	0.29	6.98E-01	add	0.94 [0.71-1.26]	0.489	0.046	RA	Raychaudhuri, Nat Genet
rs2842483	9	78.096	RFK	0.28	0.27	6.34E-01	add	1.07 [0.8-1.44]	0.489	1.000	MS (age of onset)	Baranzini, Hum Mol Genet
rs668853	9	84.501	in	NA	NA	NA	NA	NA	NA	NA	UC	Silverberg, Nat Genet
rs2061634*	9	99.146	KIAA1529	0.23	0.29	1.07E-01	add	0.77 [0.57-1.06]	1.000	0.704	BD	Fei, Arthritis Res Ther
rs4263839*	9	116.606	TNFSF15	0.34	0.31	3.05E-01	add	1.15 [0.88-1.52]	0.839	0.516	CD	Barrett, Nat Genet
rs6478109	9	116.609	TNFSF15	0.34	0.31	3.05E-01	add	1.15 [0.88-1.52]	0.839	0.516	IBD	Kugathasan, Nat Genet
rs10984447	9	121.024	DBC1	NA	NA	NA	NA	NA	NA	NA	MS	Hafler, N Engl J Med
rs881375	9	122.693	TRAF1-C5	NA	NA	NA	NA	NA	NA	NA	RA	Gregersen, Nat Genet
rs3761847*	9	122.730	TRAF1	0.38	0.40	3.40E-01	add	0.88 [0.67-1.15]	0.552	0.429	RA	Plenge, N Engl J Med
rs11243676	9	134.087	NTNG2	NA	NA	NA	NA	NA	NA	NA	SLE	Hom, N Engl J Med
rs1076160*	9	134.766	TSC1	0.43	0.47	2.37E-01	add	0.85 [0.66-1.11]	0.342	0.365	PS	Nair, Nat Genet
rs10781500*	9	138.389	CARD9	0.38	0.40	3.52E-01	add	0.88 [0.67-1.15]	0.693	0.220	UC	Barrett Nat Genet 2009
rs6601764	10	3.853	KLF6	NA	NA	NA	NA	NA	NA	NA	CD	WTCCC, Nature 447, 2007
rs2104286	10	6.139	IL2RA	NA	NA	NA	NA	NA	NA	NA	MS	Bahlo, Nat Genet 2009
rs2104286	10	6.139	IL2RA	NA	NA	NA	NA	NA	NA	NA	MS	De Jager, Nat Genet 2009
rs2104286	10	6.139	IL2RA	NA	NA	NA	NA	NA	NA	NA	MS	Hafler, N Engl J Med 357, 2007
rs2104286	10	6.139	IL2RA	NA	NA	NA	NA	NA	NA	NA	RA	WTCCC, Nature 447, 2007
rs2104286	10	6.139	IL2RA	NA	NA	NA	NA	NA	NA	NA	RA+T1D	WTCCC, Nature 447, 2007
rs2104286	10	6.139	IL2RA	NA	NA	NA	NA	NA	NA	NA	T1D	WTCCC, Nature 447, 2007
rs12722489	10	6.142	IL2RA	NA	NA	NA	NA	NA	NA	NA	MS	Hafler, N Engl J Med
rs12251307	10	6.164	IL2RA	NA	NA	NA	NA	NA	NA	NA	T1D	Barrett, Nat Genet
rs12251307	10	6.164	IL2RA	NA	NA	NA	NA	NA	NA	NA	T1D	Cooper, Nat Genet
rs1064891	10	6.317	PFKFB3	0.46	0.42	2.61E-01	add	1.16 [0.89-1.52]	0.135	0.215	CelD	van Heel et al, Nat Genet 39, 2007
rs1539234*	10	6.317	PFKFB3	0.46	0.42	2.61E-01	add	1.16 [0.89-1.52]	0.135	0.215	CelD	van Heel et al, Nat Genet 39, 2007
rs947474	10	6.430	PRKCQ	NA	NA	NA	NA	NA	NA	NA	T1D	Cooper, Nat Genet
rs4750316*	10	6.433	PRKCQ	0.23	0.19	1.38E-01	add	1.27 [0.93-1.73]	0.792	0.778	RA	Raychaudhuri, Nat Genet
rs11258747*	10	6.513	PRKCQ	0.27	0.21	3.80E-02	add	1.37 [1.02-1.84]	0.009	0.916	T1D	Barrett, Nat Genet
rs1398024	10	23.705	C10orf67	0.22	0.24	7.71E-01	add	0.95 [0.7-1.3]	0.027	0.084	CD+Sarc	Franke, Gastroenterology
rs17582416*	10	35.328	Intergenic	0.38	0.35	5.01E-02	dom	1.48 [1-2.19]	0.031	0.878	CD	Barrett, Nat Genet
rs11101442	10	49.606	C10orf64	NA	NA	NA	NA	NA	NA	NA	SLE	Graham, Nat Genet
rs1913517	10	49.789	LRRC18	0.53	0.50	7.00E-01	add	1.05 [0.81-1.37]	0.852	0.468	SLE	Han Nat Genet 2009
rs10995271	10	64.108	ZNF365	NA	NA	NA	NA	NA	NA	NA	CD	Barrett, Nat Genet
rs10761659	10	64.116	ZNF365	NA	NA	NA	NA	NA	NA	NA	CD	WTCCC, Nature 447, 2007
rs224136	10	64.141	Intergenic	0.14	0.15	6.10E-01	add	0.91 [0.62-1.32]	0.226	0.256	CD	Rioux, Nat Genet
rs1250540	10	80.706	ZMIZ1	NA	NA	NA	NA	NA	NA	NA	MS	De Jager, Nat Genet 2009
rs1250550	10	80.730	ZMIZ1	0.32	0.32	9.00E-02	dom	0.72 [0.49-1.05]	0.005	0.905	IBD (early)	Imielinski Nat Genet 2009

rs10509540	10	90.013	RNLS	NA	NA	NA	NA	NA	NA	NA	NA	T1D	Barrett, Nat Genet
rs10883365*	10	101.278	NKX2-3	0.54	0.49	2.03E-01	add	1.19 [0.91-1.54]	0.580	0.534	CD	CD	Parkes, Nat Genet
rs10883365*	10	101.278	NKX2-3	0.54	0.49	2.03E-01	add	1.19 [0.91-1.54]	0.580	0.534	CD	CD	WTCCC, Nature 447, 2007
rs6584283	10	101.280	NKX2, NKX3	NA	NA	NA	NA	NA	NA	NA	UC	UC	Barrett Nat Genet 2009
rs11190140	10	101.282	NKX2-3	0.54	0.49	2.03E-01	add	1.19 [0.91-1.54]	0.580	0.534	CD	CD	Barrett, Nat Genet
rs4963128	11	0.580	KIAA1542	NA	NA	NA	NA	NA	NA	NA	SLE in women	SLE in women	Harley, Nat Genet
rs3741208	11	2.126	INS	NA	NA	NA	NA	NA	NA	NA	T1D	T1D	Todd, Nat Genet
rs1004446	11	2.127	INS	NA	NA	NA	NA	NA	NA	NA	T1D	T1D	Hakonarson, Nature
rs6356	11	2.148	INS	0.39	0.37	5.25E-01	add	1.09 [0.83-1.44]	1.000	0.192	T1D	T1D	Hakonarson et al, Nature 448, 2007
rs10770141	11	2.150	INS	NA	NA	NA	NA	NA	NA	NA	T1D	T1D	Hakonarson et al, Nature 448, 2007
rs10743152	11	2.153	INS	NA	NA	NA	NA	NA	NA	NA	T1D	T1D	Hakonarson et al, Nature 448, 2007
rs7111341	11	2.170	INS	0.31	0.25	4.76E-02	add	1.32 [1-1.75]	0.019	0.254	T1D	T1D	Barrett, Nat Genet 2009
rs7111341	11	2.170	INS	0.31	0.25	4.76E-02	add	1.32 [1-1.75]	0.019	0.254	T1D	T1D	Hakonarson et al, Nature 448, 2007
rs1793004	11	20.656	NELL1	NA	NA	NA	NA	NA	NA	NA	IBS	IBS	Franke, PLoS ONE
rs17824933	11	60.517	CD6	NA	NA	NA	NA	NA	NA	NA	MS	MS	De Jager, Nat Genet 2009
rs7927894	11	75.979	Intergenic	NA	NA	NA	NA	NA	NA	NA	CD	CD	Barrett, Nat Genet
rs1386330	11	87.459	Intergenic	NA	NA	NA	NA	NA	NA	NA	MS (age of onset)	MS (age of onset)	Baranzini, Hum Mol Genet
rs180358*	11	116.105	Intergenic	0.28	0.26	6.66E-01	add	1.07 [0.8-1.43]	1.000	0.167	MS (severity)	MS (severity)	Baranzini, Hum Mol Genet
rs4639966	11	118.079	Intergenic	NA	NA	NA	NA	NA	NA	NA	SLE	SLE	Han Nat Genet 2009
rs6590330	11	127.816	Intergenic	0.11	0.10	6.88E-01	add	1.09 [0.71-1.69]	1.000	0.008	SLE	SLE	Han Nat Genet 2009
rs886898	12	2.352	CACNA1C	NA	NA	NA	NA	NA	NA	NA	CD	CD	Rioux et al, Nat Genet 39, 2007
rs1800693	12	6.310	TNFRSF1A	0.44	0.42	6.69E-01	add	1.06 [0.81-1.38]	0.708	0.523	MS	MS	De Jager, Nat Genet 2009
rs4149584	12	6.313	TNFRSF1A	NA	NA	NA	NA	NA	NA	NA	MS	MS	De Jager, Nat Genet 2009
rs3764021	12	9.725	CLEC2D	0.44	0.49	2.59E-01	add	0.86 [0.66-1.12]	0.348	0.299	T1D	T1D	WTCCC, Nature 447, 2007
rs11052552	12	9.747	KLRB1	0.46	0.50	3.48E-01	add	0.88 [0.68-1.15]	0.354	0.253	T1D	T1D	WTCCC, Nature 447, 2007
rs4763879	12	9.801	CD69	NA	NA	NA	NA	NA	NA	NA	T1D	T1D	Barrett, Nat Genet
rs11175593	12	38.888	LRRK2, MUC19	NA	NA	NA	NA	NA	NA	NA	CD	CD	Barrett, Nat Genet
rs1458175	12	40.252	PDZRN4	NA	NA	NA	NA	NA	NA	NA	MS	MS	Baranzini, Hum Mol Genet
rs773107	12	54.656	RAB5B	0.30	0.32	5.15E-01	add	0.91 [0.69-1.21]	0.276	0.063	T1D	T1D	Hakonarson, Diabetes 57, 2008
rs10876864	12	54.687	RAB5B	0.37	0.41	2.57E-01	add	0.86 [0.65-1.12]	0.428	0.410	T1D	T1D	Hakonarson, Diabetes 57, 2008
rs1701704	12	54.699	RAB5B	0.32	0.33	7.48E-01	add	0.96 [0.72-1.26]	1.000	0.158	T1D	T1D	Hakonarson, Diabetes
rs11171739*	12	54.757	RAB5B	0.37	0.41	2.57E-01	add	0.86 [0.65-1.12]	0.428	0.410	T1D	T1D	WTCCC, Nature 447, 2007
rs2292239*	12	54.768	ERBB3	0.30	0.32	5.15E-01	add	0.91 [0.69-1.21]	0.276	0.063	T1D	T1D	Barrett, Nat Genet
rs2292239*	12	54.768	ERBB3	0.30	0.32	5.15E-01	add	0.91 [0.69-1.21]	0.276	0.063	T1D	T1D	Cooper, Nat Genet
rs2292239*	12	54.768	ERBB3	0.30	0.32	5.15E-01	add	0.91 [0.69-1.21]	0.276	0.063	T1D	T1D	Todd, Nat Genet
rs2066808	12	55.024	STAT2	0.05	0.07	2.97E-01	add	0.73 [0.4-1.32]	1.000	0.679	PS	PS	Nair, Nat Genet
rs1678542*	12	56.255	KIF5A	0.34	0.38	2.47E-01	add	0.85 [0.64-1.12]	0.537	0.580	RA	RA	Raychaudhuri, Nat Genet
rs10876994	12	56.351	multiple	NA	NA	NA	NA	NA	NA	NA	MS	MS	Bahlo, Nat Genet 2009
rs12368653	12	56.420	CENTG1	0.49	0.49	6.96E-01	add	0.95 [0.73-1.24]	0.138	0.557	MS	MS	Bahlo, Nat Genet 2009
rs703842*	12	56.449	CYP27B1,	0.28	0.30	3.32E-01	add	0.86 [0.64-1.16]	1.000	0.805	MS	MS	Bahlo, Nat Genet 2009

METTL1

rs7134599	12	66.786	IL26	NA	NA	NA	NA	NA	NA	NA	UC	Silverberg et al, Nat Genet 2009
rs1558744	12	66.791	IL26	NA	NA	NA	NA	NA	NA	NA	UC	Silverberg, Nat Genet
rs2870946	12	66.883	IL26	NA	NA	NA	NA	NA	NA	NA	UC	Silverberg, Nat Genet
rs939898*	12	90.192	Intergenic	0.18	0.17	5.18E-01	add	1.12 [0.8-1.57]	0.762	0.377	SLE	Hinks et al, A&R 60, 2009
rs3184504	12	110.369	SH2B3	NA	NA	NA	NA	NA	NA	NA	T1D	Barrett, Nat Genet
rs653178	12	110.492	ATXN2	NA	NA	NA	NA	NA	NA	NA	CelD	Hunt, Nat Genet
rs17696736	12	110.971	C12orf30	NA	NA	NA	NA	NA	NA	NA	T1D	Cooper, Nat Genet
rs17696736	12	110.971	C12orf30	NA	NA	NA	NA	NA	NA	NA	T1D	Todd, Nat Genet
rs17696736	12	110.971	C12orf30	NA	NA	NA	NA	NA	NA	NA	T1D	WTCCC, Nature 447, 2007
rs1790100*	12	122.223	MPHOSPH9	0.24	0.22	3.38E-01	add	1.16 [0.86-1.58]	1.000	0.683	MS	De Jager, Nat Genet 2009
rs1385374	12	127.867	SLC15A4	0.14	0.11	1.25E-01	add	1.34 [0.92-1.95]	1.000	0.186	SLE	Han Nat Genet 2009
rs9550642	13	19.848	Intergenic	NA	NA	NA	NA	NA	NA	NA	RA	WTCCC, Nature 447, 2007
rs17085007	13	26.429	Intergenic	NA	NA	NA	NA	NA	NA	NA	UC	Asano Nat Genet 2009
rs3812888	13	39.128	COG6	NA	NA	NA	NA	NA	NA	NA	PS	Liu et al, PLoS Genetics 4, 2008
rs7993214	13	39.249	COG6	NA	NA	NA	NA	NA	NA	NA	PS	Liu, PLoS Genet
rs9548988*	13	39.404	Intergenic	0.47	0.49	2.47E-01	add	0.86 [0.66-1.11]	0.262	0.120	UC	Barrett Nat Genet 2009
rs3764147	13	43.356	C13orf31	0.26	0.25	4.74E-01	add	1.11 [0.83-1.5]	0.634	0.130	CD	Barrett, Nat Genet
rs1324913	13	73.534	KLF12	0.29	0.33	2.26E-01	add	0.84 [0.63-1.12]	0.656	0.559	RA	Julia et al, A&R 58, 2008
rs1327328*	13	89.201	Intergenic	0.44	0.43	5.67E-01	add	1.08 [0.83-1.41]	0.577	0.778	MS	Comabella et al, PLoS ONE 3, 2008
rs9523762	13	92.130	GPC5	NA	NA	NA	NA	NA	NA	NA	MS	Baranzini, Hum Mol Genet
rs1465788	14	68.333	C14orf181	0.28	0.27	8.39E-01	add	1.03 [0.77-1.38]	0.650	0.295	T1D	Barrett, Nat Genet
rs7159238	14	81.135	Intergenic	NA	NA	NA	NA	NA	NA	NA	CelD	van Heel et al, Nat Genet 39, 2007
rs4900384*	14	97.569	Intergenic	0.31	0.28	2.44E-01	add	1.19 [0.89-1.58]	0.134	0.148	T1D	Barrett, Nat Genet
rs8035957	15	36.626	RASGRP1	NA	NA	NA	NA	NA	NA	NA	T1D	Grant, Diabetes
rs3825932*	15	77.023	CTSH	0.33	0.30	3.27E-01	add	1.15 [0.87-1.52]	0.529	0.967	T1D	Barrett, Nat Genet
rs3825932*	15	77.023	CTSH	0.33	0.30	3.27E-01	add	1.15 [0.87-1.52]	0.529	0.967	T1D	Cooper, Nat Genet
rs11865121	16	11.074	CLEC16A	NA	NA	NA	NA	NA	NA	NA	MS	De Jager, Nat Genet 2009
rs725613	16	11.077	CLEC16A	NA	NA	NA	NA	NA	NA	NA	T1D	Hakonarson et al, Nature 448, 2007
rs12708716	16	11.087	CLEC16A	NA	NA	NA	NA	NA	NA	NA	T1D	Barrett, Nat Genet
rs12708716	16	11.087	CLEC16A	NA	NA	NA	NA	NA	NA	NA	T1D	Cooper, Nat Genet
rs12708716	16	11.087	CLEC16A	NA	NA	NA	NA	NA	NA	NA	T1D	Todd, Nat Genet
rs12708716	16	11.087	CLEC16A	NA	NA	NA	NA	NA	NA	NA	T1D	WTCCC, Nature 447, 2007
rs2903692	16	11.146	CLEC16A	NA	NA	NA	NA	NA	NA	NA	T1D	Hakonarson, Nature
rs17673553	16	11.149	CLEC16A	NA	NA	NA	NA	NA	NA	NA	T1D	Hakonarson et al, Nature 448, 2007
rs6498169*	16	11.157	CLEC16A	0.37	0.35	5.61E-01	add	1.08 [0.82-1.43]	0.423	1.000	MS	Hafler, N Engl J Med
rs416603	16	11.272	TNP2	NA	NA	NA	NA	NA	NA	NA	T1D	Cooper, Nat Genet
rs12444268	16	20.250	Intergenic	NA	NA	NA	NA	NA	NA	NA	T1D	Barrett, Nat Genet
rs4788084	16	28.447	IL27	0.34	0.39	6.07E-02	add	0.76 [0.58-1.01]	0.835	0.146	T1D	Barrett, Nat Genet
rs8049439	16	28.745	ATXN2L	0.31	0.38	3.02E-02	add	0.73 [0.55-0.97]	0.521	0.151	IBD (early onset)	Imielinski Nat Genet 2009
rs7186852*	16	30.543	ZNF768	0.41	0.37	1.61E-01	add	1.21 [0.93-1.58]	0.702	0.882	SLE	Han Nat Genet 2009
rs7197475	16	30.550	ZNF768	0.41	0.37	1.61E-01	add	1.21 [0.93-1.58]	0.702	0.882	SLE	Han Nat Genet 2009

rs9888739	16	31.221	ITGAM	0.12	0.13	8.26E-01	add	0.96 [0.64-1.43]	0.670	0.939	SLE in women	Harley, Nat Genet
rs11150610	16	31.242	ITGAM	0.40	0.43	5.84E-01	add	0.93 [0.71-1.21]	1.000	0.245	SLE	Graham, Nat Genet
rs1143678	16	31.251	ITGAM	0.16	0.18	6.32E-01	add	0.92 [0.64-1.31]	0.733	0.812	SLE	Harley, Nat Genet 40, 2008
rs4548893	16	31.272	ITGAM	0.20	0.21	6.97E-01	add	0.94 [0.67-1.3]	1.000	0.644	SLE	Harley, Nat Genet 40, 2008
rs11574637*	16	31.276	ITGAX	0.16	0.18	6.32E-01	add	0.92 [0.64-1.31]	0.733	0.812	SLE	Hom, N Engl J Med
rs17221417*	16	49.297	NOD2	0.27	0.28	9.44E-01	add	0.99 [0.74-1.33]	1.000	0.762	CD	WTCCC, Nature 447, 2007
rs2066843	16	49.303	NOD2	0.27	0.28	9.44E-01	add	0.99 [0.74-1.33]	1.000	0.762	CD	Duerr et al, Science 314, 2006
rs5743289	16	49.314	NOD2	NA	NA	NA	NA	NA	NA	NA	CD	Libioulle, PLoS Genet
rs5743289	16	49.314	NOD2	NA	NA	NA	NA	NA	NA	NA	CD	Raelson, Proc Natl Acad Sci USA
rs5743289	16	49.314	NOD2	NA	NA	NA	NA	NA	NA	NA	IBD	Kugathasan, Nat Genet
rs2076756	16	49.314	NOD2	NA	NA	NA	NA	NA	NA	NA	CD	Rioux, Nat Genet
rs2076756	16	49.314	NOD2	NA	NA	NA	NA	NA	NA	NA	IBD	Duerr, Science
rs2076756	16	49.314	NOD2	NA	NA	NA	NA	NA	NA	NA	IBS	Franke, PLoS ONE
rs2066847	16	49.321	NOD2	NA	NA	NA	NA	NA	NA	NA	CD	Barrett, Nat Genet
rs1728785*	16	67.149	ZFP90	0.19	0.23	1.89E-01	add	0.8 [0.58-1.11]	1.000	0.074	UC	Barrett Nat Genet 2009
rs7199343*	16	71.567	ZFH3	0.27	0.34	1.87E-02	add	0.7 [0.52-0.94]	0.641	0.877	Kawasaki MS (severity)	Burgner, PLoS Genet
rs7191888	16	72.139	TXNL4B	NA	NA	NA	NA	NA	NA	NA	MS (severity)	Baranzini, Hum Mol Genet
rs7202877	16	73.805	Intergenic	NA	NA	NA	NA	NA	NA	NA	T1D	Barrett, Nat Genet
rs17445836	16	84.575	IRF8	NA	NA	NA	NA	NA	NA	NA	MS	De Jager, Nat Genet 2009
rs16956936	17	7.574	DNAH2	NA	NA	NA	NA	NA	NA	NA	T1D	Barrett, Nat Genet
rs12949531	17	13.675	Intergenic	NA	NA	NA	NA	NA	NA	NA	SLE	Graham, Nat Genet
rs2872507*	17	35.294	ORMDL3	0.50	0.49	6.03E-01	add	1.07 [0.82-1.4]	0.459	0.268	CD	Barrett, Nat Genet
rs2290400	17	35.320	GSDML	0.49	0.48	8.41E-01	add	1.03 [0.79-1.34]	0.710	0.579	T1D	Barrett, Nat Genet
rs7221109	17	36.024	HNF1B, DDX52	NA	NA	NA	NA	NA	NA	NA	T1D	Barrett, Nat Genet
rs744166	17	37.768	STAT3	0.42	0.42	8.09E-01	add	0.97 [0.74-1.27]	0.340	0.119	CD	Barrett, Nat Genet
rs2542151*	18	12.770	PTPN2	0.19	0.16	2.64E-01	add	1.21 [0.86-1.7]	0.761	0.516	CD	Barrett, Nat Genet
rs2542151*	18	12.770	PTPN2	0.19	0.16	2.64E-01	add	1.21 [0.86-1.7]	0.761	0.516	CD	Parkes, Nat Genet
rs2542151*	18	12.770	PTPN2	0.19	0.16	2.64E-01	add	1.21 [0.86-1.7]	0.761	0.516	CD	WTCCC, Nature 447, 2007
rs2542151*	18	12.770	PTPN2	0.19	0.16	2.64E-01	add	1.21 [0.86-1.7]	0.761	0.516	T1D	Cooper, Nat Genet
rs2542151*	18	12.770	PTPN2	0.19	0.16	2.64E-01	add	1.21 [0.86-1.7]	0.761	0.516	T1D	Todd, Nat Genet
rs2542151*	18	12.770	PTPN2	0.19	0.16	2.64E-01	add	1.21 [0.86-1.7]	0.761	0.516	T1D	WTCCC, Nature 447, 2007
rs1893217	18	12.799	PTPN2	0.19	0.16	2.64E-01	add	1.21 [0.86-1.7]	0.761	0.516	T1D	Barrett, Nat Genet
rs1557351	18	52.903	Intergenic	0.25	0.23	3.28E-01	add	1.16 [0.86-1.58]	0.452	0.377	MS (age of onset)	Baranzini, Hum Mol Genet
rs10503019	18	53.605	ATP8B1	0.22	0.21	7.74E-01	add	1.05 [0.76-1.44]	0.408	0.464	Vitiligo	Birlea J Invest Dermatol 2009
rs3809983	18	54.354	ALPK2	NA	NA	NA	NA	NA	NA	NA	CelD	van Heel et al, Nat Genet 39, 2007
rs3809982*	18	54.354	ALPK2	0.46	0.48	7.03E-01	add	0.95 [0.73-1.23]	0.851	0.101	CelD	van Heel et al, Nat Genet 39, 2007
rs937815	18	54.719	ZNF532	0.11	0.09	5.73E-01	add	1.13 [0.74-1.74]	1.000	0.467	CD	Rioux et al, Nat Genet 39, 2007
rs763361*	18	65.683	CD226	0.46	0.50	1.20E-01	add	0.81 [0.62-1.06]	0.189	0.890	T1D	Todd, Nat Genet
rs17083844	18	66.993	SOCS6	NA	NA	NA	NA	NA	NA	NA	SLE	Hom, N Engl J Med
rs337718	18	67.925	SOCS6	0.30	0.30	8.41E-01	add	1.03 [0.77-1.37]	0.377	0.836	MS (severity)	Baranzini, Hum Mol Genet

rs2002842	18	74.511	SALL3	NA	NA	NA	NA	NA	NA	NA	RA	Julia, Arthritis Rheum
rs7253363	19	11.543	PRKCSH	NA	NA	NA	NA	NA	NA	NA	MS (severity)	Baranzini, Hum Mol Genet
rs10500264	19	38.442	CEBPA, SLC7A10	0.16	0.17	8.88E-01	add	0.98 [0.69-1.39]	0.492	0.027	IBD (early onset)	Imielinski Nat Genet 2009
rs8111071	19	50.999	RSHL1	0.07	0.11	1.51E-01	add	0.69 [0.42-1.14]	1.000	0.586	CD	WTCCC, Nature 447, 2007
rs425105	19	51.900	PRKD2	0.15	0.16	6.84E-01	add	0.93 [0.64-1.34]	0.721	0.650	T1D	Barrett, Nat Genet
rs299175	19	61.005	NLRP11	0.49	0.45	2.32E-01	add	1.17 [0.9-1.52]	1.000	0.124	MS (severity)	Baranzini, Hum Mol Genet
rs397020	20	1.154	PSMF1	NA	NA	NA	NA	NA	NA	NA	MS	Baranzini, Hum Mol Genet
rs2281808	20	1.559	SIRPG	NA	NA	NA	NA	NA	NA	NA	T1D	Barrett, Nat Genet
rs6017342	20	42.498	HNF4A	NA	NA	NA	NA	NA	NA	NA	UC	Barrett Nat Genet 2009
rs6131010	20	44.158	CD40	NA	NA	NA	NA	NA	NA	NA	MS	Bahlo, Nat Genet 2009
rs6074022	20	44.174	CD40	0.28	0.27	5.00E-01	add	1.11 [0.82-1.49]	0.647	0.691	MS	Bahlo, Nat Genet 2009
rs1569723*	20	44.175	CD40	0.28	0.27	5.00E-01	add	1.11 [0.82-1.49]	0.647	0.691	MS	Bahlo, Nat Genet 2009
rs4810485	20	44.181	CD40	NA	NA	NA	NA	NA	NA	NA	RA	Raychaudhuri, Nat Genet
rs495337*	20	47.956	SPATA2	0.35	0.39	1.58E-01	add	0.82 [0.62-1.08]	0.838	0.884	PS	Capon, Hum Mol Genet
rs2315008	20	61.814	ZGPAT	0.32	0.30	6.24E-01	add	1.07 [0.81-1.42]	1.000	0.902	IBD	Kugathasan, Nat Genet
rs1736135*	21	15.727	TNFRSF6B	0.40	0.43	2.68E-01	add	0.86 [0.66-1.12]	0.438	0.943	CD	Barrett, Nat Genet
rs2833607	21	32.303	Intergenic	0.19	0.23	1.21E-01	add	0.77 [0.55-1.07]	1.000	0.772	Vitiligo	Birlea J Invest Dermatol 2009
rs2836754	21	39.214	FLJ45139	NA	NA	NA	NA	NA	NA	NA	CD	Parkes, Nat Genet
rs2836878	21	39.387	PSMG1	0.29	0.27	3.38E-01	add	1.15 [0.86-1.53]	0.262	0.825	IBD	Kugathasan, Nat Genet
rs2837960	21	41.434	Intergenic	NA	NA	NA	NA	NA	NA	NA	RA	WTCCC, Nature 447, 2007
rs11203203	21	42.709	UBASH3A	NA	NA	NA	NA	NA	NA	NA	T1D	Barrett, Nat Genet
rs9976767	21	42.709	UBASH3A	0.43	0.45	6.34E-01	add	0.94 [0.72-1.22]	0.705	1.000	T1D	Grant, Diabetes
rs762421	21	44.440	ICOSLG	NA	NA	NA	NA	NA	NA	NA	CD	Barrett, Nat Genet
rs131654	22	20.247	UBE2L3	NA	NA	NA	NA	NA	NA	NA	SLE	Han Nat Genet 2009
rs5754217	22	20.270	UBE2L3	0.21	0.18	2.20E-01	add	1.22 [0.89-1.69]	0.047	0.773	SLE	Harley, Nat Genet 40, 2008
rs2412973*	22	28.860	HORMAD2	0.50	0.47	3.86E-01	add	1.12 [0.86-1.47]	0.265	0.282	IBD (early onset)	Imielinski Nat Genet 2009
rs5753037*	22	28.912	LOC729980	0.32	0.37	7.67E-02	add	0.77 [0.58-1.03]	0.669	0.003	T1D	Barrett, Nat Genet
rs743777*	22	35.882	RASD2, MCM5	0.31	0.31	9.78E-01	add	1 [0.75-1.34]	0.200	0.291	RA	WTCCC, Nature 447, 2007
rs229541	22	35.921	RASD2, MCM5	NA	NA	NA	NA	NA	NA	NA	T1D	Barrett, Nat Genet
rs229541	22	35.921	RASD2, MCM5	NA	NA	NA	NA	NA	NA	NA	T1D	Cooper, Nat Genet
rs2071725	22	41.940	SCUBE1	0.12	0.14	3.40E-01	add	0.82 [0.54-1.23]	1.000	0.389	SLE	Harley, Nat Genet 40, 2008
rs2664170	X	153.599	GAB3	NA	NA	NA	NA	NA	NA	NA	T1D	Barrett, Nat Genet

* Association results reported for proxy ($r^2 > 0.8$ and < 500 kb distance) for the autoimmune disease SNP listed. Chr – chromosome, Pos – position, MAF – Minor Allele Frequency, genetic transmission model: add – additive, rec - recessive, dom – dominant, OR – odds ratio, CI – 95% confidence interval, HWE – Hardy Weinberg Equilibrium, Ref – reference, NA – not available (SNP not genotyped or failed quality control criteria defined in the Methods, RA – rheumatoid arthritis, SLE – systemic lupus erythematosus, T1D – type 1 diabetes, MS – multiple sclerosis, IBD - inflammatory bowel disease, IBS - inflammatory bowel syndrome, CD – Crohn's disease, UC – ulcerative colitis, CeID – celiac disease, PS – psoriasis, PsA – psoriatic arthritis, JIA – juvenile idiopathic arthritis, BD – Behcet's disease, Sarc – sarcoidosis.

