On-line Table: SNPs included in our analyses

Gene	rs-nr	Chromosome	Polymorphism (Major Allele/ Minor Allele)	MAF
ADAMTS14[a]	rs4747075	10q22	G/A	0.30
ADAMTS14	rs7081273	10q22	G/C	0.35
ADAMTS14	rs4746060	10q22	C/T	0.09
BTNL2[a]	rs2076530	6p21.3	A/G	0.24
CACNG4	rs4790896	17q24	A/G	0.38
CCDC46	rs987931	17q24	T/G	0.31
CCL5	rs2280788	17q11.2-q12	C/G	0.02[b]
CCL5	rs2107538	17q11.2-q12	C/T	0.19
CCR5	rs333	3p21	±	0.10
CD24	rs8734	6q21	C	0.00[b]
CIITA	rs3087456	16p13	A/G	0.26
CNTF	rs1800169	11q12	G/A	0.12
CRYAB	rs14133	11q21-q23	C/G	0.25
CRYAB	rs762550	11q21-q23	G/A	0.42
CTLA4	rs231775	2q33	A/G	0.38
CTLA4	rs5742909	2q33	C/T	0.09
EBF1	rs1368297	5q34	T/A	0.38
FAS	rs1800682	10q23	T/C	0.46
FAS	rs3781202	10q23	C/T	0.41
FAS	rs2234978	10q23	C/T	0.31
GABBR1	rs1805057	6p22	C	0.00[b]
HELZ	rs2363846	17q24	C/T	0.50
HLA[a]	rs2395166	6p21.3	T/C	0.48
HLA-DRA	rs2213584	6p21.3	A/G	0.42
HLA	rs2227139	6p21.3	C/T	0.42
HLA-DRA	rs3135388	6p21.3	G/A	0.33
HLA	rs9268458	6p21.3	C/A	0.19
HLA[a]	rs6457594	6p21.3	A/G	0.38
HLA-DRA	rs2395182	6p21.3	T/G	0.39
HLA-DRA	rs2239802	6p21.3	C/G	0.39
HSPB2	rs2234702	11q21-q23	C	0.00[b]
IFNAR1	rs2257167	21q22	G/C	0.07
IFNGR2	rs9808753	21q22	A/G	0.15
IL1B	rs1799916	2q14	A	0.00[b]
IL1B	rs1143627	2q14	A/G	0.35
IL1B	rs1143634	2q14	C/T	0.23
IL1RN	rs419598	2q12-q14	T/C	0.31
IL1RN	2073 C/T	2q12-q14	C/T	0.31
IL2	rs2069763	4q26–27	G/T	0.34
IL2	rs2069762	4q26–27	T/G	0.26
IL4R	rs1801275	16p12	A/G	0.20
IL7R	rs11567685	5p13	T/C	0.25
IL7R	rs7718919	5p13	G/T	0.13
IL7R	rs11567686	5p13	A/G	0.34
IL10	rs1800896	1q32	A/G	0.45
MC1R	rs1805009	16q24	G/C	0.01[b]
MC1R	rs1805006	16q24	C/A	0.01[b]
MEFV	rs28940577	16p13.3	A	0.00[b]
MOG	rs3130250	6p22	G/A	0.20
MOG	rs3130253	6p22	G/A	0.11
NDUFA7	rs2288414	19p13.2	G/C	0.03[b]
NDUFA7	rs561	19p13.2	G/A	0.19
NDUFS5	rs2889683	1p34.2	T/C	0.31
NDUFS5	rs6981	1p34.2	G/A	0.05
NDUFS7	rs2074897	19p13.3	G/A	0.46
NFKBIL1	rs3130062	6p21.3.	T/C	0.17
NOS2	rs1137933	17q11.2	G/A	0.24
NOS2	rs2779248	17q11.2	T/C	0.38
NOTCH4	rs367398	6p21.3	G/A	0.18
PDCD1	rs11568821	2q37	G/A	0.11
PITPNC1	rs1318	17q24	A/G	0.22
PITPNC1	rs2365403	17q24	C/G	0.17
PNMT	rs876493	17q11-q23	A/G	0.42
PRKCA	rs7220007	17q24	A/G	0.48
PRKCA	rs887797	17q24	C/T	0.30
PRKCA	rs2078153	17q24	G/C	0.23
PRKCA	rs3890137	17q24	A/G	0.37
PTPN22	rs2476601	1p13	G/A	0.10
PTPRC	rs17612648	1q31	C/G	0.02[b]
PTPRC	rs4915154	1q31	A/G	0.01[b]
SPP1	rs1126616	4q21	C/T	0.23
SPP1	rs1126772	4q21	A/G	0.19
SPP1	rs2853744	4q21	G/T	0.06
SPP1	rs9138	4q21	A/C	0.24
SPP1	rs4754	4q21	T/C	0.24
TNF	rs1800629	6p21.3	G/A	0.21
TNFSF10	rs1131568[c]	3q26	C/T	0.35
UCP2	rs659366	11q13	C/T	0.40
VDR	rs1544410	12q13	G/A	0.44
VDR	rs731236	12q13	A/G	0.44

Note:— ± = presence or absence; *ADAMTS14* = a disintegrin and metalloproteinase with thrombospondin motif, type 1 motif 14; *BTNL2* = butyrophilin-like 2; *CACNG4* = calcium channel, voltage-dependent, γ subunit 4; *CCDC46* = coiled coil domain containing 46; *CCL5* = chemokine (C-C motif) ligand 5; *CCR5* = chemokine (C-C motif) receptor 5; *CIITA* = class II, major histocompatibility complex, transactivator; CNTF = ciliary neurotrophic factor; *CRYAB* = α B crystallin; *CTLA4* = cytotoxic T-lymphocyte-associated protein 4; *EBF1* = early B-cell factor 1; *FAS* = TNF receptor superfamily, member 6; *GABBR1* = γ-aminobutyric acid B receptor, 1; *HELZ* = helicase with zinc finger; *HLA* = human leucocyte antigen; *HLA-DRA* = human leucocyte antigen DR α; *HSPB2* = heat shock protein Beta 2; *IFNAR1* = interferon (α, β, and ω) receptor 1; *IFNGR2* = interferon γ receptor 2 (interferon γ transducer 1); *IL1B* = interleukin 1, β; *IL1RN* = interleukin 1 receptor antagonist; IL2 = interleukin 2; *IL4R* = interleukin 4 receptor; *IL7R* = interleukin 7 receptor; IL10 = interleukin 10; MAF = minor allele frequency in our sample**;** *MC1R* = melanocortin 1 receptor; *MEFV* = Mediterranean fever; *MOG* = myelin oligodendrocyte glycoprotein; NADH = nicotinamide adenine dinucleotide; *NDUFA7* = NADH dehydrogenase (ubiquinone) 1 α subcomplex, 7; *NDUFS5* =NADH dehydrogenase (ubiquinone) Fe-S protein 5; *NDUFS7* = NADH dehydrogenase (ubiquinone) Fe-S protein 7; *NFKIBL1* = nuclear factor of κ light polypeptide gene enhancer in B-cells inhibitor-like 1; *NOS2* = nitric oxide synthase 2; *NOTCH4* = Notch homolog 4; *PDCD1* = programmed cell death 1; *PITPNC1* = phosphatidylinositol transfer protein, cytoplasmic 1; *PNMT* = phenylethanolamine *N*-methyltransferase; *PRKCA* = protein kinase C, α; *PTPN22* = protein tyrosine phosphatase, nonreceptor type 22; *PTPRC* = protein tyrosine phosphate, receptor type c

[a] genotype distribution not in Hardy Weinberg Equilibrium ($P < 0.01$).

[b] Excluded due to minor allele frequency below 5%.

[c] Previous rs-number, rs9880164.