

rs	chr	pos	gene	allele1	allele2	subphenotype	Frq_aff	Frq_unaff	case_n	gen_cnt_aff	gen_frq_aff	cont_n	gen_cnt_unaff	gen_frq_unaff	hwe_unaff	hwe_aff	trend	OR	ci_l_95	ci_u_95
rs2476601	1	114179091	PTPN22	A	G	seronegative	0,1144	0,09783	354	7/67/280	2.0/18.9/79.1	5198	42/933/4223	0.8/17.9/81.2	0,2391	0,1943	0,1505	1,191	0,9369	1,515
rs2476601	1	114179091	PTPN22	A	G	Type I	0,1046	0,09783	540	6/101/433	1.1/18.7/80.2	5198	42/933/4223	0.8/17.9/81.2	0,2391	1	0,4717	1,078	0,8776	1,323
rs2476601	1	114179091	PTPN22	A	G	Type II	0,1229	0,09783	179	5/34/140	2.8/19.0/78.2	5198	42/933/4223	0.8/17.9/81.2	0,2391	0,1515	0,1156	1,292	0,9365	1,783
rs11586238	1	117064661	CD2	G	C	seronegative	0,2295	0,2367	353	21/120/212	5.9/34.0/60.1	5379	314/1918/3147	5.8/35.7/58.5	0,3454	0,4537	0,6649	0,9605	0,8015	1,151
rs11586238	1	117064661	CD2	G	C	Type I	0,2505	0,2367	539	37/196/306	6.9/36.4/56.8	5379	314/1918/3147	5.8/35.7/58.5	0,3454	0,4909	0,3138	1,078	0,9325	1,246
rs11586238	1	117064661	CD2	G	C	Type II	0,1983	0,2367	179	8/55/116	4.5/30.7/64.8	5379	314/1918/3147	5.8/35.7/58.5	0,3454	0,6397	0,09485	0,7979	0,6131	1,039
rs7543174	1	152794296	UBE2Q1	C	T	seronegative	0,1619	0,1794	349	6/101/242	1.7/28.9/69.3	5198	161/1543/3494	3.1/29.7/67.2	0,5721	0,3212	0,2394	0,8836	0,718	1,087
rs7543174	1	152794296	UBE2Q1	C	T	Type I	0,1699	0,1794	518	12/152/354	2.3/29.3/68.3	5198	161/1543/3494	3.1/29.7/67.2	0,5721	0,4365	0,4433	0,9361	0,79	1,109
rs7543174	1	152794296	UBE2Q1	C	T	Type II	0,1416	0,1794	173	3/43/127	1.7/24.9/73.4	5198	161/1543/3494	3.1/29.7/67.2	0,5721	1	0,06967	0,7547	0,5555	1,025
rs13031237	2	60989633	REL	T	G	seronegative	0,3238	0,3778	349	33/160/156	9.5/45.8/44.7	5198	732/2464/2002	14.1/47.4/38.5	0,5751	0,4629	0,004098	0,7884	0,6696	0,9284
rs13031237	2	60989633	REL	T	G	Type I	0,3504	0,3778	518	66/231/221	12.7/44.6/42.7	5198	732/2464/2002	14.1/47.4/38.5	0,5751	0,6305	0,081	0,8882	0,777	1,015
rs13031237	2	60989633	REL	T	G	Type II	0,2977	0,3778	173	13/77/83	7.5/44.5/48.0	5198	732/2464/2002	14.1/47.4/38.5	0,5751	0,4695	0,002344	0,698	0,5524	0,8818
rs13017599	2	61017835	REL	A	G	seronegative	0,3181	0,3778	349	31/160/158	8.9/45.8/45.3	5191	731/2460/2000	14.1/47.4/38.5	0,5749	0,3248	0,001513	0,7682	0,6519	0,9052
rs13017599	2	61017835	REL	A	G	Type I	0,3456	0,3778	518	62/234/222	12.0/45.2/42.9	5191	731/2460/2000	14.1/47.4/38.5	0,5749	1	0,04044	0,8697	0,7606	0,9945
rs13017599	2	61017835	REL	A	G	Type II	0,2907	0,3778	172	11/78/83	6.4/45.3/48.3	5191	731/2460/2000	14.1/47.4/38.5	0,5749	0,2661	0,0009745	0,675	0,5331	0,8548
rs1160542	2	100198587	AFF3	G	A	seronegative	0,483	0,4604	353	85/171/97	24.1/48.4/27.5	5197	1091/2603/1503	21.0/50.1/28.9	0,5766	0,5944	0,2416	1,095	0,9402	1,276
rs1160542	2	100198587	AFF3	G	A	Type I	0,4712	0,4604	539	125/258/156	23.2/47.9/28.9	5197	1091/2603/1503	21.0/50.1/28.9	0,5766	0,3872	0,4944	1,045	0,9213	1,185
rs1160542	2	100198587	AFF3	G	A	Type II	0,4804	0,4604	179	44/84/51	24.6/46.9/28.5	5197	1091/2603/1503	21.0/50.1/28.9	0,5766	0,4543	0,4522	1,084	0,8779	1,338
rs10865035	2	100202166	AFF3	A	G	seronegative	0,4944	0,4559	354	90/170/94	25.4/48.0/26.6	2925	591/1485/849	20.2/50.8/29.0	0,2187	0,458	0,05064	1,167	0,9982	1,364
rs10865035	2	100202166	AFF3	A	G	Type I	0,4815	0,4559	540	133/254/153	24.6/47.0/28.3	2925	591/1485/849	20.2/50.8/29.0	0,2187	0,1959	0,192	1,108	0,9732	1,262
rs10865035	2	100202166	AFF3	A	G	Type II	0,4972	0,4559	179	45/88/46	25.1/49.2/25.7	2925	591/1485/849	20.2/50.8/29.0	0,2187	0,8811	0,1239	1,18	0,9533	1,461
rs10181656	2	191678124	STAT4	G	C	seronegative	0,2542	0,2184	354	25/130/199	7.1/36.7/56.2	3461	159/1194/2108	4.6/34.5/60.9	0,5839	0,575	0,02851	1,22	1,02	1,458
rs10181656	2	191678124	STAT4	G	C	Type I	0,2435	0,2184	540	33/197/310	6.1/36.5/57.4	3461	159/1194/2108	4.6/34.5/60.9	0,5839	0,8156	0,06403	1,152	0,9912	1,338
rs10181656	2	191678124	STAT4	G	C	Type II	0,2207	0,2184	179	9/61/109	5.0/34.1/60.9	3461	159/1194/2108	4.6/34.5/60.9	0,5839	0,831	0,9201	1,013	0,7841	1,309
rs1980422	2	204318641	CD28	C	T	seronegative	0,2543	0,2273	350	17/144/189	4.9/41.1/54.0	5378	253/1939/3186	4.7/36.1/59.2	0,05709	0,1233	0,09475	1,159	0,9721	1,382
rs1980422	2	204318641	CD28	C	T	Type I	0,2477	0,2273	535	30/205/300	5.6/38.3/56.1	5378	253/1939/3186	4.7/36.1/59.2	0,05709	0,5631	0,1259	1,119	0,967	1,295
rs1980422	2	204318641	CD28	C	T	Type II	0,2781	0,2273	178	12/75/91	6.7/42.1/51.1	5378	253/1939/3186	4.7/36.1/59.2	0,05709	0,5794	0,02297	1,309	1,034	1,658
rs231775	2	204440959	CTLA4	G	A	seronegative	0,3935	0,3898	352	47/183/122	13.4/52.0/34.7	5198	779/2494/1925	15.0/48.0/37.0	0,5405	0,1176	0,8445	1,016	0,8687	1,187
rs231775	2	204440959	CTLA4	G	A	Type I	0,3783	0,3898	534	70/264/200	13.1/49.4/37.5	5198	779/2494/1925	15.0/48.0/37.0	0,5405	0,2697	0,1965	0,9526	0,8366	1,085
rs231775	2	204440959	CTLA4	G	A	Type II	0,3652	0,3898	178	24/82/72	13.5/46.1/40.4	5198	779/2494/1925	15.0/48.0/37.0	0,5405	1	0,3473	0,9006	0,7232	1,121
rs3087243	2	204447164	CTLA4	A	G	seronegative	0,4393	0,4448	354	57/197/100	16.1/55.6/28.2	5377	1058/2667/1652	19.7/49.6/30.7	0,7614	0,01765	0,7741	0,9779	0,839	1,14
rs3087243	2	204447164	CTLA4	A	G	Type I	0,4434	0,4448	539	95/288/156	17.6/53.4/28.9	5377	1058/2667/1652	19.7/49.6/30.7	0,7614	0,06672	0,9318	0,9945	0,8768	1,128
rs3087243	2	204447164	CTLA4	A	G	Type II	0,4246	0,4448	179	29/94/56	16.2/52.5/31.3	5377	1058/2667/1652	19.7/49.6/30.7	0,7614	0,361	0,4481	0,9211	0,7444	1,14
rs4535211	3	17048001	PLCL2	A	G	seronegative	0,5302	0,4874	348	95/179/74	27.3/51.4/21.3	5374	1282/2675/1417	23.9/49.8/26.4	0,7849	0,5912	0,02901	1,187	1,018	1,384
rs4535211	3	17048001	PLCL2	A	G	Type I	0,5366	0,4874	533	152/268/113	28.5/50.3/21.2	5374	1282/2675/1417	23.9/49.8/26.4	0,7849	0,8617	0,00224	1,218	1,073	1,381
rs4535211	3	17048001	PLCL2	A	G	Type II	0,4888	0,4874	179	38/99/42	21.2/55.3/23.5	5374	1282/2675/1417	23.9/49.8/26.4	0,7849	0,1799	0,9588	1,006	0,8146	1,241
rs13315591	3	58531881	FAM107A	C	T	seronegative	0,09169	0,08405	349	2/60/287	0.6/17.2/82.2	5378	36/832/4510	0.7/15.5/83.9	0,7907	0,7534	0,4802	1,1	0,8432	1,435
rs13315591	3	58531881	FAM107A	C	T	Type I	0,08092	0,08405	519	3/78/438	0.6/15.0/84.4	5378	36/832/4510	0.7/15.5/83.9	0,7907	1	0,7282	0,9596	0,76	1,212
rs13315591	3	58531881	FAM107A	C	T	Type II	0,08671	0,08405	173	2/26/145	1.2/15.0/83.8	5378	36/832/4510	0.7/15.5/83.9	0,7907	0,3662	0,8606	1,035	0,7071	1,514
rs874040	4	25717295	RBPJ	G	C	seronegative	0,3118	0,3008	348	31/155/162	8.9/44.5/46.6	5342	488/2238/2616	9.1/41.9/49.0	0,7697	0,5334	0,5419	1,053	0,8922	1,243
rs874040	4	25717295	RBPJ	G	C	Type I	0,3253	0,3008	518	52/233/233	10.0/45.0/45.0	5342	488/2238/2616	9.1/41.9/49.0	0,7697	0,6174	0,1021	1,121	0,9777	1,284
rs874040	4	25717295	RBPJ	G	C	Type II	0,2977	0,3008	173	20/63/90	11.6/36.4/52.0	5342	488/2238/2616	9.1/41.9/49.0	0,7697	0,1011	0,9008	0,9852	0,7795	1,245
rs2069778	4	123595585	IL2	T	C	seronegative	0,1563	0,1795	323	4/93/226	1.2/28.8/70.0	3328	115/965/2248	3.5/29.0/67.5	0,3772	0,1376	0,1423	0,8469	0,6787	1,057
rs2069778	4	123595585	IL2	T	C	Type I	0,164	0,1795	509	10/147/352	2.0/28.9/69.2	3328	115/965/2248	3.5/29.0/67.5	0,3772	0,3303	0,23	0,8968	0,7511	1,071
rs2069778	4	123595585	IL2	T	C	Type II	0,1559	0,1795	170	1/51/118	0.6/30.0/69.4	3328	115/965/2248	3.5/29.0/67.5	0,3772	0,08271	0,2686	0,8439	0,6254	1,139
rs6822844	4	123728871	IL21	T	G	seronegative	0,1558	0,1737	321	5/90/226	1.6/28.0/70.4	5178	145/1509/3524	2.8/29.1/68.1	0,2872	0,293	0,2387	0,8776	0,7048	1,093
rs6822844	4	123728871	IL21	T	G	Type I	0,1644	0,1737	508	11/145/352	2.2/28.5/69.3	5178	145/1509/3524	2.8/29.1/68.1	0,2872	0,5169	0,4483	0,9356	0,7866	1,113
rs6822844	4	123728871	IL21	T	G	Type II	0,1568	0,1737	169	1/51/117	0.6/30.2/69.2	5178	145/1509/3524	2.8/29.1/68.1	0,2872	0,08222	0,4144	0,8845	0,6569	1,191
rs10040327	5	55470977	ANKRD55	A	C	seronegative	0,1069	0,1149	346	2/70/274	0.6/20.2/79.2	5375	90/1055/4230	1.7/19.6/78.7	0,0129	0,3997	0,5304	0,9225	0,7197	1,183
rs10040327	5	55470977	ANKRD55	A	C	Type I	0,1095	0,1149	516	4/105/407	0.8/20.3/78.9	5375	90/1055/4230	1.7/19.6/78.7	0,0129	0,4951	0,6085	0,9473	0,7724	1,162
rs10040327	5	55470977	ANKRD55	A	C	Type II	0,1098	0,1149	173	2/34/137	1.2/19.7/79.2	5375	90/1055/4230	1.7/19.6/78.7	0,0129	1	0,7751	0,9505	0,6751	1,338
rs26232	5	102624619	C5orf30	T	C	seronegative	0,3181	0,3286	349	31/160/158	8.9/45.8/45.3	5196	545/2325/23							

rs	chr	pos	gene	allele1	allele2	subphenotype	Frq_aff	Frq_unaff	case_n	gen_cnt_aff	gen_frq_aff	cont_n	gen_cnt_unaff	gen_frq_unaff	hwe_unaff	hwe_aff	trend	OR	ci_l_95	ci_u_95
rs548234	6	106674727	PRDM1	C	T	seronegative	0,3489	0,3314	354	39/169/146	11.0/47.7/41.2	5380	568/2430/2382	10.6/45.2/44.3	0,1662	0,4125	0,3344	1,081	0,9214	1,268
rs548234	6	106674727	PRDM1	C	T	Type I	0,3194	0,3314	540	54/237/249	10.0/43.9/46.1	5380	568/2430/2382	10.6/45.2/44.3	0,1662	0,9211	0,4211	0,9469	0,8281	1,083
rs548234	6	106674727	PRDM1	C	T	Type II	0,3371	0,3314	178	21/78/79	11.8/43.8/44.4	5380	568/2430/2382	10.6/45.2/44.3	0,1662	0,8667	0,8216	1,026	0,8204	1,283
rs13207033	6	138007111	TNFAIP3	A	G	seronegative	0,2678	0,2734	323	22/129/172	6.8/39.9/53.3	5352	419/2088/2845	7.8/39.0/53.2	0,1911	0,8871	0,7602	0,9723	0,8127	1,163
rs13207033	6	138007111	TNFAIP3	A	G	Type I	0,2387	0,2734	509	29/185/295	5.7/36.3/58.0	5352	419/2088/2845	7.8/39.0/53.2	0,1911	1	0,01833	0,8335	0,7172	0,9686
rs13207033	6	138007111	TNFAIP3	A	G	Type II	0,2529	0,2734	170	10/66/94	5.9/38.8/55.3	5352	419/2088/2845	7.8/39.0/53.2	0,1911	0,8403	0,4092	0,9	0,7022	1,154
rs6920220	6	138048197	TNFAIP3	A	G	seronegative	0,2353	0,2231	323	22/108/193	6.8/33.4/59.8	3078	273/1842/3237	5.1/34.4/60.5	0,6082	0,2157	0,4724	1,072	0,8884	1,292
rs6920220	6	138048197	TNFAIP3	A	G	Type I	0,2234	0,2231	508	27/173/308	5.3/34.1/60.6	3078	273/1842/3237	5.1/34.4/60.5	0,6082	0,7011	0,9808	1,002	0,8585	1,169
rs6920220	6	138048197	TNFAIP3	A	G	Type II	0,2059	0,2231	170	11/48/111	6.5/28.2/65.3	3078	273/1842/3237	5.1/34.4/60.5	0,6082	0,09679	0,455	0,9028	0,6914	1,179
rs5029937	6	138236844	TNFAIP3	T	G	seronegative	0,02786	0,03525	323	0/18/305	0.0/5.6/94.4	3078	5/207/2866	0.2/6.7/93.1	0,4305	1	0,3301	0,7845	0,4817	1,278
rs5029937	6	138236844	TNFAIP3	T	G	Type I	0,02849	0,03525	509	0/29/480	0.0/5.7/94.3	3078	5/207/2866	0.2/6.7/93.1	0,4305	1	0,2736	0,8025	0,5416	1,189
rs5029937	6	138236844	TNFAIP3	T	G	Type II	0,02059	0,03525	170	1/5/164	0.6/2.9/96.5	3078	5/207/2866	0.2/6.7/93.1	0,4305	0,06103	0,1532	0,5753	0,2689	1,231
rs394581	6	159402509	TAGAP	C	T	seronegative	0,29	0,307	350	40/123/187	11.4/35.1/53.4	2617	249/1109/1259	9.5/42.4/48.1	0,8542	0,006485	0,3629	0,9219	0,775	1,097
rs394581	6	159402509	TAGAP	C	T	Type I	0,3175	0,307	537	58/225/254	10.8/41.9/47.3	2617	249/1109/1259	9.5/42.4/48.1	0,8542	0,4274	0,5005	1,05	0,9117	1,209
rs394581	6	159402509	TAGAP	C	T	Type II	0,2978	0,307	178	19/68/91	10.7/38.2/51.1	2617	249/1109/1259	9.5/42.4/48.1	0,8542	0,2812	0,7146	0,957	0,7568	1,21
rs3093023	6	167454280	CCR6	A	G	seronegative	0,4255	0,4354	349	59/179/111	16.9/51.3/31.8	5373	1035/2609/1729	19.3/48.6/32.2	0,3746	0,383	0,6101	0,9604	0,8226	1,121
rs3093023	6	167454280	CCR6	A	G	Type I	0,4236	0,4354	517	82/274/161	15.9/53.0/31.1	5373	1035/2609/1729	19.3/48.6/32.2	0,3746	0,05883	0,4648	0,9529	0,8375	1,084
rs3093023	6	167454280	CCR6	A	G	Type II	0,3983	0,4354	172	24/89/59	14.0/51.7/34.3	5373	1035/2609/1729	19.3/48.6/32.2	0,3746	0,3421	0,1731	0,8582	0,6892	1,068
rs42041	7	92084680	CDK6	G	C	seronegative	0,2472	0,2446	354	20/135/199	5.6/38.1/56.2	5376	312/2006/3058	5.8/37.3/56.9	0,5064	0,775	0,8769	1,014	0,85	1,209
rs42041	7	92084680	CDK6	G	C	Type I	0,2676	0,2446	540	37/215/288	6.9/39.8/53.3	5376	312/2006/3058	5.8/37.3/56.9	0,5064	0,8261	0,09316	1,128	0,9792	1,3
rs42041	7	92084680	CDK6	G	C	Type II	0,2374	0,2446	179	10/65/104	5.6/36.3/58.1	5376	312/2006/3058	5.8/37.3/56.9	0,5064	1	0,7548	0,9615	0,7508	1,231
rs10488631	7	128381419	IRF5	C	T	seronegative	0,116	0,1074	349	4/73/272	1.1/20.9/77.9	5197	54/1008/4135	1.0/19.4/79.6	0,4262	1	0,4718	1,091	0,8587	1,387
rs10488631	7	128381419	IRF5	C	T	Type I	0,1137	0,1074	519	5/108/406	1.0/20.8/78.2	5197	54/1008/4135	1.0/19.4/79.6	0,4262	0,6613	0,5293	1,066	0,8717	1,304
rs10488631	7	128381419	IRF5	C	T	Type II	0,1272	0,1074	173	4/36/133	2.3/20.8/76.9	5197	54/1008/4135	1.0/19.4/79.6	0,4262	0,4854	0,241	1,211	0,8775	1,672
rs2736340	8	11381382	BLK	T	C	seronegative	0,2335	0,2473	349	19/125/205	5.4/35.8/58.7	5379	315/2030/3034	5.9/37.7/56.4	0,3227	1	0,4115	0,9275	0,7742	1,111
rs2736340	8	11381382	BLK	T	C	Type I	0,2259	0,2473	518	21/192/305	4.1/37.1/58.9	5379	315/2030/3034	5.9/37.7/56.4	0,3227	0,2087	0,3227	0,8883	0,7629	1,034
rs2736340	8	11381382	BLK	T	C	Type II	0,2384	0,2473	172	6/70/96	3.5/40.7/55.8	5379	315/2030/3034	5.9/37.7/56.4	0,3227	0,1432	0,7044	0,9528	0,7407	1,226
rs2812378	9	34700260	CCL21	C	T	seronegative	0,356	0,339	323	40/150/133	12.4/46.4/41.2	5352	588/2453/2311	11.0/45.8/43.2	0,09965	0,9035	0,3703	1,078	0,9131	1,272
rs2812378	9	34700260	CCL21	C	T	Type I	0,3615	0,339	509	61/246/202	12.0/48.3/39.7	5352	588/2453/2311	11.0/45.8/43.2	0,09965	0,3368	0,1435	1,104	0,9654	1,262
rs2812378	9	34700260	CCL21	C	T	Type II	0,3647	0,339	170	27/70/73	15.9/41.2/42.9	5352	588/2453/2311	11.0/45.8/43.2	0,09965	0,1402	0,3207	1,119	0,8942	1,401
rs951005	9	34733681	CCL21	C	T	seronegative	0,1633	0,1467	349	14/86/249	4.0/24.6/71.3	5196	105/1315/3776	2.0/25.3/72.7	0,4716	0,07604	0,2316	1,135	0,9219	1,397
rs951005	9	34733681	CCL21	C	T	Type I	0,1541	0,1467	519	11/138/370	2.1/26.6/71.3	5196	105/1315/3776	2.0/25.3/72.7	0,4716	0,7387	0,5193	1,06	0,8877	1,265
rs951005	9	34733681	CCL21	C	T	Type II	0,1705	0,1467	173	8/43/122	4.6/24.9/70.5	5196	105/1315/3776	2.0/25.3/72.7	0,4716	0,1098	0,2186	1,195	0,8985	1,59
rs10760130	9	122741811	TRAF1/C5	G	A	seronegative	0,4582	0,439	323	66/164/93	20.4/50.8/28.8	5178	1020/2506/1652	19.7/48.4/31.9	0,2144	0,7372	0,343	1,081	0,9215	1,268
rs10760130	9	122741811	TRAF1/C5	G	A	Type I	0,447	0,439	509	104/247/158	20.4/48.5/31.0	5178	1020/2506/1652	19.7/48.4/31.9	0,2144	0,7198	0,6274	1,033	0,9074	1,176
rs10760130	9	122741811	TRAF1/C5	G	A	Type II	0,4647	0,439	170	38/82/50	22.4/48.2/29.4	5178	1020/2506/1652	19.7/48.4/31.9	0,2144	0,7577	0,3512	1,11	0,8934	1,378
rs2900180	9	122746203	TRAF1/C5	T	C	seronegative	0,3545	0,3509	354	43/165/146	12.1/46.6/41.2	5199	663/2323/2213	12.8/44.7/42.6	0,1707	0,8164	0,8478	1,016	0,8664	1,191
rs2900180	9	122746203	TRAF1/C5	T	C	Type I	0,3611	0,3509	540	74/242/224	13.7/44.8/41.5	5199	663/2323/2213	12.8/44.7/42.6	0,1707	0,5142	0,5092	1,045	0,9175	1,191
rs2900180	9	122746203	TRAF1/C5	T	C	Type II	0,3631	0,3509	179	22/86/71	12.3/48.0/39.7	5199	663/2323/2213	12.8/44.7/42.6	0,1707	0,7463	0,6375	1,055	0,847	1,313
rs706778	10	6138955	IL2RA	A	G	seronegative	0,4323	0,4004	347	75/150/122	21.6/43.2/35.2	5378	872/2563/1943	16.2/47.7/36.1	0,5895	0,02861	0,0997	1,14	0,9763	1,331
rs706778	10	6138955	IL2RA	A	G	Type I	0,4086	0,4004	514	99/222/193	19.3/43.2/37.5	5378	872/2563/1943	16.2/47.7/36.1	0,5895	0,01754	0,6141	1,034	0,9081	1,178
rs706778	10	6138955	IL2RA	A	G	Type II	0,4075	0,4004	173	29/83/61	16.8/48.0/35.3	5378	872/2563/1943	16.2/47.7/36.1	0,5895	1	0,7919	1,03	0,8282	1,281
rs2104286	10	6139051	IL2RA	G	A	seronegative	0,2839	0,278	354	33/135/186	9.3/38.1/52.5	5378	424/2142/2812	7.9/39.8/52.3	0,5637	0,2409	0,7352	1,03	0,8698	1,219
rs2104286	10	6139051	IL2RA	G	A	Type I	0,2857	0,278	539	47/214/278	8.7/39.7/51.6	5378	424/2142/2812	7.9/39.8/52.3	0,5637	0,5272	0,5912	1,039	0,9044	1,194
rs2104286	10	6139051	IL2RA	G	A	Type II	0,2598	0,278	179	10/73/96	5.6/40.8/53.6	5378	424/2142/2812	7.9/39.8/52.3	0,5637	0,5593	0,4504	0,9115	0,717	1,159
rs11594656	10	6162015	IL2RA	A	T	seronegative	0,2173	0,2429	352	17/119/216	4.8/33.8/61.4	5378	319/1975/3084	5.9/36.7/57.3	0,9114	0,8762	0,1244	0,8653	0,7196	1,041
rs11594656	10	6162015	IL2RA	A	T	Type I	0,2262	0,2429	535	34/174/327	6.4/32.5/61.1	5378	319/1975/3084	5.9/36.7/57.3	0,9114	0,108	0,2234	0,9108	0,7841	1,058
rs11594656	10	6162015	IL2RA	A	T	Type II	0,2444	0,24												

rs	chr	pos	gene	allele1	allele2	subphenotype	Frq_aff	Frq_unaff	case_n	gen_cnt_aff	gen_frq_aff	cont_n	gen_cnt_unaff	gen_frq_unaff	hwe_unaff	hwe_aff	trend	OR	ci_l_95	ci_u_95
rs540386	11	36481869	TRAF6	T	C	seronegative	0,1433	0,132	349	9/82/258	2.6/23.5/73.9	5374	90/1239/4045	1.7/23.1/75.3	0,7209	0,3869	0,3956	1,099	0,8832	1,369
rs540386	11	36481869	TRAF6	T	C	Type I	0,1368	0,132	519	9/124/386	1.7/23.9/74.4	5374	90/1239/4045	1.7/23.1/75.3	0,7209	1	0,6636	1,042	0,8654	1,254
rs540386	11	36481869	TRAF6	T	C	Type II	0,1243	0,132	173	6/31/136	3.5/17.9/78.6	5374	90/1239/4045	1.7/23.1/75.3	0,7209	0,02879	0,6749	0,933	0,6746	1,29
rs1678542	12	56254982	KIF5A	G	C	seronegative	0,3742	0,3757	322	44/153/125	13.7/47.5/38.8	5352	771/2480/2101	14.4/46.3/39.3	0,3666	0,9052	0,9385	0,9935	0,843	1,171
rs1678542	12	56254982	KIF5A	G	C	Type I	0,376	0,3757	508	68/246/194	13.4/48.4/38.2	5352	771/2480/2101	14.4/46.3/39.3	0,3666	0,5087	0,9882	1,001	0,8765	1,143
rs1678542	12	56254982	KIF5A	G	C	Type II	0,3669	0,3757	169	25/74/70	14.8/43.8/41.4	5352	771/2480/2101	14.4/46.3/39.3	0,3666	0,5073	0,7415	0,9627	0,769	1,205
rs3184504	12	110368991	SH2B3	T	C	seronegative	0,5115	0,4886	347	91/173/83	26.2/49.9/23.9	5193	1217/2641/1335	23.4/50.9/25.7	0,2115	1	0,239	1,096	0,9397	1,278
rs3184504	12	110368991	SH2B3	T	C	Type I	0,5283	0,4886	513	143/256/114	27.9/49.9/22.2	5193	1217/2641/1335	23.4/50.9/25.7	0,2115	1	0,01464	1,172	1,031	1,333
rs3184504	12	110368991	SH2B3	T	C	Type II	0,4588	0,4886	170	36/84/50	21.2/49.4/29.4	5193	1217/2641/1335	23.4/50.9/25.7	0,2115	1	0,275	0,8873	0,7144	1,102
rs7234029	18	12867060	PTNP2	G	A	seronegative	0,1719	0,1553	349	12/96/241	3.4/27.5/69.1	5369	118/1432/3819	2.2/26.7/71.1	0,2524	0,5713	0,2393	1,129	0,9211	1,384
rs7234029	18	12867060	PTNP2	G	A	Type I	0,1686	0,1553	519	14/147/358	2.7/28.3/69.0	5369	118/1432/3819	2.2/26.7/71.1	0,2524	1	0,2578	1,103	0,9296	1,308
rs7234029	18	12867060	PTNP2	G	A	Type II	0,1618	0,1553	173	6/44/123	3.5/25.4/71.1	5369	118/1432/3819	2.2/26.7/71.1	0,2524	0,4011	0,7404	1,05	0,7851	1,404
rs4810485	20	44181354	CD40	T	G	seronegative	0,2461	0,2386	323	20/119/184	6.2/36.8/57.0	5352	313/1928/3111	5.8/36.0/58.1	0,5227	0,8813	0,6644	1,042	0,8664	1,253
rs4810485	20	44181354	CD40	T	G	Type I	0,2407	0,2386	509	32/181/296	6.3/35.6/58.2	5352	313/1928/3111	5.8/36.0/58.1	0,5227	0,5447	0,8832	1,011	0,8702	1,176
rs4810485	20	44181354	CD40	T	G	Type II	0,2441	0,2386	170	11/61/98	6.5/35.9/57.6	5352	313/1928/3111	5.8/36.0/58.1	0,5227	0,6812	0,8152	1,031	0,8015	1,325
rs11203203	21	42709255	UBASH3A	A	G	seronegative	0,342	0,3741	345	41/154/150	11.9/44.6/43.5	5377	739/2545/2093	13.7/47.3/38.9	0,449	0,9048	0,08969	0,8697	0,7396	1,023
rs11203203	21	42709255	UBASH3A	A	G	Type I	0,3706	0,3741	514	71/239/204	13.8/46.5/39.7	5377	739/2545/2093	13.7/47.3/38.9	0,449	0,9249	0,8252	0,9853	0,863	1,125
rs11203203	21	42709255	UBASH3A	A	G	Type II	0,3081	0,3741	172	14/78/80	8.1/45.3/46.5	5377	739/2545/2093	13.7/47.3/38.9	0,449	0,4767	0,01221	0,7452	0,5908	0,9399
rs3218258	22	35874191	IL2RB	A	G	seronegative	0,2712	0,2626	354	21/150/183	5.9/42.4/51.7	5198	353/2024/2821	6.8/38.9/54.3	0,7203	0,2255	0,614	1,045	0,8803	1,24
rs3218258	22	35874191	IL2RB	A	G	Type I	0,2774	0,2626	539	44/211/284	8.2/39.1/52.7	5198	353/2024/2821	6.8/38.9/54.3	0,7203	0,5915	0,2946	1,078	0,9367	1,24
rs3218258	22	35874191	IL2RB	A	G	Type II	0,2697	0,2626	178	10/76/92	5.6/42.7/51.7	5198	353/2024/2821	6.8/38.9/54.3	0,7203	0,3416	0,765	1,037	0,8171	1,316
rs743777	22	35881553	IL2RB	G	A	seronegative	0,3297	0,3107	323	30/153/140	9.3/47.4/43.3	5352	512/2302/2538	9.6/43.0/47.4	0,774	0,2566	0,3095	1,091	0,9215	1,292
rs743777	22	35881553	IL2RB	G	A	Type I	0,3173	0,3107	509	50/223/236	9.8/43.8/46.4	5352	512/2302/2538	9.6/43.0/47.4	0,774	0,8384	0,6648	1,031	0,8979	1,184
rs743777	22	35881553	IL2RB	G	A	Type II	0,3412	0,3107	170	16/84/70	9.4/49.4/41.2	5352	512/2302/2538	9.6/43.0/47.4	0,774	0,2345	0,231	1,149	0,9146	1,443