

**Supplementary Table S1. Allele frequencies for parental populations and 200 T1D patients from Colombia.**

CHR	SNP	Position	A1	A2	EUR	AME	AFR	T1D	HWE-P	GENO (%)	Candidate T1D region	GENE
1	rs3017626	112270073	T	G	0.06	0.87	0.25	0.35	0.03	98.5	1p13.2	<i>PHTF1, PTPN22</i>
1	rs12065716	116575568	C	G	0.89	0.39	0.14	0.27	0.1	99	1p13.2	
1	rs1544450	116884348	T	G	0.09	0	0.95	0.13	0.54	99.5	1p13.2	
2	rs2685249	583554	A	G	0.49	0	0.08	0.24	0.7	98.5	2p25	<i>RNASEH1</i>
2	rs4372915	3527837	T	C	0	0.48	0.08	0.2	1	98.5	2p25	
2	rs16863301	5167027	C	T	0.75	0.22	0.27	0.32	0.74	96	2p25	
2	rs41009	8012609	A	G	0.15	0.01	0.88	0.21	0.83	99	2p25	
2	rs10929783	12151695	C	G	0.21	0.72	0.03	0.34	1	98	2p25	
2	rs11679606	16717046	A	G	0.72	0.09	0.07	0.34	0.35	99	2p24.2	
2	rs798364	16762671	A	G	0.19	0.01	0.93	0.18	1	98.5	2p24.2	
2	rs1834619	17901485	A	G	0.04	0.97	0	0.31	0.74	98	2p24.2	
2	rs12713741	26119072	G	A	0.73	0.11	0.19	0.47	0.32	98.5	2p23.3	
2	rs10175357	35015176	C	T	0.06	0.04	0.82	0.13	1	98.5	2p22.3	<i>EFR3B</i>
2	rs4643526	61038155	A	G	0.18	0.02	0.92	0.2	0.38	96.5	2p16.1	
2	rs6546475	69187079	G	C	0.93	0.31	0.25	0.31	0.39	95	2p13.3	
2	rs4852696	82924517	G	C	0.91	0.7	0.25	0.28	0.6	98	2p12	
2	rs356652	101540415	G	T	0.07	0.93	0.00	0.24	0.08	99	2q11.2	<i>AFF3</i>
2	rs260690	108946170	C	A	0.94	0.08	0.38	0.33	0.63	98.5	2q13	?
2	rs7589619	143001328	C	T	0.22	0.05	0.92	0.24	0.02	98.5	2q22.2	<i>IFIH1</i>
2	rs997163	161593412	G	A	0.31	0.88	0.15	0.48	0.25	98.5	2q24.2	
2	rs6759814	163101007	C	T	0.95	0.26	0.3	0.34	0.34	97.5	2q24.2	
2	rs7370707	191607966	G	A	0.03	0.73	0.2	0.28	0.29	99	2q24.2	
2	rs182424	200929212	G	A	0.38	0.97	0.31	0.39	0.29	98	2q33.2	<i>CTLA4</i>
2	rs1606237	205955695	T	C	0.33	0.02	0.97	0.33	0.26	97.5	2q33.2	
2	rs10186877	216327063	C	G	0.71	0.1	0.06	0.49	0.78	99.5	2q35	
2	rs1517634	223318767	G	A	0.83	0	0.83	0.38	0.45	97.5	2q36.1	
3	rs1065800	38541484	G	A	0.67	0.19	0.07	0.37	0.88	96.5	3p22.2	<i>CCR5</i>
3	rs3870336	49557857	A	G	0.09	0.94	0.09	0.3	0.74	99	3p21.31	
4	rs9307613	129436249	A	T	0.78	0.83	0.09	0.45	0.57	99.5	4q27	<i>IL2</i>
5	rs700164	35990345	T	C	0.15	0.78	0.04	0.44	0.67	98.5	5p13.2	<i>IL7R</i>

6	rs4355648	1450888	A	G	0.04	0.67	0.1	0.25	0.85	100	6p25.3	
6	rs9378428	5493557	C	T	0.71	0.09	0.25	0.38	0.17	99	6p25.1	
6	rs6911727	9116165	C	T	0.58	1	0.14	0.37	0.07	98.5	6p24.3	?
6	rs6910232	11010425	G	A	0.29	0.95	0.14	0.44	0.67	99.5	6p24.2	
6	rs860747	14808928	A	G	0.15	0.01	0.94	0.21	0.52	99	6p23	
6	rs2744597	24641053	G	A	0.12	0.79	0	0.23	1	99	6p21	
6	rs2754777	24898441	A	C	0.52	0.03	0.01	0.4	0.55	100	6p21	
6	rs2523747	30336917	G	A	0.15	0.82	0.28	0.42	0.77	99	6p21	
6	rs2074512	30986898	G	T	0.85	0.18	0.73	0.31	0.74	99	6p21	
6	rs9391649	33131770	A	C	0.18	0.92	0.64	0.35	0.43	98.5	6p21	
6	rs7383601	34062545	C	T	0.01	0.72	0	0.2	0.82	96.5	6p21	
6	rs10484578	35278542	A	G	0.38	0.07	0.94	0.4	0.66	98.5	6p21.31	MHC
6	rs2395656	36770149	G	A	0.86	0.3	1	0.23	0.43	99	6p21.2	
6	rs9357427	44085513	G	A	0.202	0.057	0.917	0.23	0.84	99.5	6p21.1	
6	rs2584076	46311588	A	T	0.92	0.28	0.45	0.36	0.65	99.5	6p12.3	
6	rs614765	52877093	C	G	0.96	0.26	0.47	0.35	0.88	100	6p12.2	
6	rs12662498	56188650	A	G	0.07	0.98	0.01	0.35	0.06	98.5	6p12.1	
6	rs993314	72728849	C	T	0.17	0.7	0.9	0.47	0.39	99.5	6q13	BACH2
7	rs6464749	146020936	C	T	0.05	0.00	0.89	0.4	1	99.5	7q35	?
7	rs10248051	51051656	G	A	0.83	0.2	0.08	0.14	0.23	99.5	7p12.1	COBL
9	rs12347078	344508	G	T	0.04	0	0.88	0.08	1	99	9p24.2	
9	rs7048037	533590	G	C	0.69	0.07	0.12	0.42	1	97.5	9p24.2	GLIS3
10	rs2669130	6022583	C	T	0.74	0.03	0.32	0.5	0.78	97	10p15.1	PRKCQ, IL2RA, RBM17
10	rs3123687	31569267	G	C	0.07	0.03	0.97	0.15	0.15	95.5	10p11.22	NRPI
11	rs10741878	3214087	G	A	0.17	0.72	0.22	0.31	0.63	99.5	11p15.5	INS
11	rs7124676	64069867	A	C	0.52	0.01	0.03	0.42	0.66	99.5	11q13.1	
11	rs7111814	72613473	C	T	0.29	0.08	0.97	0.15	0.39	98.5	11q13.1	BAD
11	rs1352239	11322476	A	G	0.6	0.06	0.03	0.34	0.53	99	11p15.5	
11	rs10833134	19584103	C	T	0.05	0.14	0.92	0.32	0.33	99	11p15.5	INS
12	rs1476608	46779998	C	T	0.18	0.91	0.25	0.33	0.63	99	12q13.13	ITGB7
12	rs1849384	85833160	G	T	0.08	0	0.97	0.16	0.06	99	12q24.13	NAA25, SH2B3
13	rs4769128	21322682	T	C	0.13	0.99	0.15	0.38	0.29	100	13q12.11	?
13	rs2476230	101380444	G	C	0.83	0.29	0.18	0.42	0.38	97	13q32.3	GPR183
14	rs11158795	68734888	T	C	0.38	0.95	0.03	0.49	0.48	99	14q24.1	?

14	rs4983425	105032574	G	A	0.05	0.05	0.82	0.11	0.72	99.5	14q32.2	<i>DLK1</i>
15	rs11070264	38399153	C	T	0.03	0.75	0.03	0.26	0.71	100	15q14	<i>RASGRP1</i>
16	rs7185307	11954400	T	C	0.75	0.09	0.07	0.47	0.32	99	16p13.13	<i>DEXI,</i> <i>CLEC16A</i>
16	rs6498067	28014873	T	C	0	0.52	0.07	0.1	0.69	99.5	16p11.2	<i>IL27</i>
17	rs1197062	58641118	G	T	0.06	0.00	0.89	0.11	0.48	99.5	17q21.31	?
18	rs628419	12003384	C	T	0.68	0.09	0.01	0.41	0.14	99	18p11.21	<i>PTPN2</i>
19	rs11882642	50625333	G	A	0.71	0.17	0.04	0.07	0.58	99	19q13.32	?
19	rs717225	42393286	T	C	0.01	0	0.88	0.45	0.77	99.5	19q13.32	
21	rs12329755	41518707	C	G	0.39	0.02	0.99	0.31	0.25	99.5	21q22.3	<i>UBASH3A</i>
22	rs5754506	32013735	C	T	0.14	0.01	0.86	0.17	0.81	99.5	22q12.3	<i>CIQTNF6,</i> <i>RAC2</i>

**CHR:** Chromosome. **A1:** minor allele frequency. **A2:** The most frequent allele **EUR:** European **AME:** Native American **AFR:** African **T1D:** people with T1D. **HWE-P** Hardy-Weinberg equilibrium p-value. **%Geno:** genotyping rate

Supplementary Table S2. Exploratory association analysis								
CHR	SNP	A1		MAF CLM	OR <sup>a</sup>	Ci 95%	p <sup>b</sup>	
1	rs3017626	T	0.35	0.31	1.10	0.77-1.58	0.419	
1	rs12065716	C	0.27	0.28	0.94	0.64-1.37	0.718	
1	rs1544450	T	0.13	0.10	1.54	0.86-2.77	0.224	
2	rs2685249	A	0.24	0.27	0.90	0.60-1.35	0.562	
2	rs4372915	T	0.20	0.18	1.02	0.64-1.61	0.575	
2	rs16863301	C	0.32	0.31	1.00	0.69-1.45	0.873	
2	rs41009	A	0.21	0.19	1.32	0.82-2.12	0.555	
2	rs10929783	C	0.34	0.38	0.79	0.54-1.15	0.365	
2	rs11679606	A	0.34	0.38	0.84	0.58-1.21	0.321	
2	rs798364	A	0.18	0.27	0.62	0.40-0.96	0.012	
2	rs1834619	A	0.31	0.27	1.09	0.71-1.66	0.356	
2	rs12713741	A	0.47	0.49	0.90	0.63-1.31	0.613	
2	rs10175357	C	0.13	0.11	1.36	0.76-2.43	0.427	
2	rs4643526	A	0.20	0.18	1.24	0.80-1.92	0.501	
2	rs6546475	G	0.31	0.36	0.72	0.47-1.09	0.198	
2	rs4852696	G	0.28	0.24	1.36	0.90-2.06	0.293	
2	rs356652	G	0.24	0.23	1.02	0.66-1.59	0.773	
2	rs260690	C	0.33	0.31	1.10	0.73-1.66	0.653	
2	rs7589619	C	0.24	0.30	0.80	0.55-1.17	0.144	
2	rs997163	G	0.48	0.39	1.36	0.95-1.95	0.058	
2	rs6759814	C	0.34	0.33	1.01	0.68-1.51	0.884	
2	rs7370707	G	0.28	0.29	0.90	0.60-1.37	0.711	
2	rs182424	G	0.39	0.41	0.91	0.64-1.31	0.574	
2	rs1606237	T	0.33	0.26	1.55	1.04-2.30	0.065	
2	rs10186877	G	0.51	0.46	1.25	0.86-1.81	0.234	
2	rs1517634	G	0.38	0.38	0.94	0.64-1.37	0.872	
3	rs1065800	G	0.37	0.38	0.98	0.68-1.41	0.773	
3	rs3870336	A	0.30	0.31	0.88	0.59-1.30	0.791	
4	rs9307613	A	0.45	0.39	1.39	0.95-2.02	0.161	
5	rs700164	T	0.56	0.35	2.38	1.62-3.48	2.12x10 <sup>-6</sup>	
6	rs4355648	A	0.25	0.27	0.88	0.59-1.29	0.628	
6	rs9378428	C	0.38	0.48	0.61	0.42-0.89	0.013	
6	rs6911727	C	0.37	0.33	1.28	0.88-1.85	0.338	
6	rs6910232	G	0.44	0.46	0.88	0.62-1.26	0.645	
6	rs860747	A	0.21	0.19	1.30	0.82-2.07	0.555	
6	rs2744597	G	0.23	0.21	1.00	0.64-1.59	0.598	
6	rs2754777	A	0.40	0.37	1.13	0.78-1.64	0.559	
6	rs2523747	G	0.42	0.30	1.68	1.13-2.51	0.006	
6	rs2074512	G	0.31	0.39	0.63	0.42-0.93	0.073	

6	rs9391649	A	0.35	0.41	0.84	0.58-1.21	0.166	
6	rs7383601	C	0.20	0.23	0.69	0.43-1.11	0.419	
6	rs10484578	A	0.40	0.39	1.14	0.76-1.70	0.957	
6	rs2395656	G	0.23	0.28	0.63	0.41-0.98	0.151	
6	rs9357427	G	0.23	0.23	1.10	0.71-1.69	0.998	
6	rs2584076	A	0.36	0.37	0.99	0.69-1.41	0.949	
6	rs614765	C	0.35	0.31	1.20	0.80-1.79	0.356	
6	rs12662498	A	0.35	0.31	1.17	0.77-1.78	0.291	
6	rs993314	C	0.47	0.47	0.98	0.68--1.42	0.891	
7	rs10248051	T	0.40	0.33	1.38	0.95-2.00	0.117	
7	rs6464749	G	0.14	0.11	1.36	0.78-2.36	0.373	
9	rs12347078	G	0.08	0.10	0.94	0.49-1.78	0.482	
9	rs7048037	G	0.42	0.41	1.04	0.72-1.49	0.898	
10	rs2669130	C	0.50	0.46	1.22	0.86-1.7	0.368	
10	rs3123687	G	0.15	0.86	0.04	0.02-0.08	9.60x10 <sup>-61</sup>	
11	rs10741878	G	0.31	0.36	0.79	0.54-1.15	0.308	
11	rs1352239	A	0.42	0.41	1.02	0.70-1.48	0.863	
11	rs10833134	C	0.15	0.15	1.07	0.64-1.79	0.956	
11	rs7124676	A	0.34	0.31	1.18	0.80-1.74	0.402	
11	rs7111814	C	0.32	0.37	0.84	0.57-1.22	0.195	
12	rs1476608	C	0.33	0.34	0.88	0.61-1.28	0.771	
12	rs1849384	G	0.16	0.12	1.80	1.03-3.13	0.155	
13	rs4769128	T	0.38	0.36	1.09	0.74-1.60	0.581	
13	rs2476230	C	0.42	0.44	0.93	0.66-1.32	0.669	
14	rs11158795	C	0.49	0.44	1.31	0.91-1.90	0.249	
14	rs4983425	G	0.11	0.11	1.09	0.61-1.94	0.961	
15	rs11070264	C	0.26	0.24	1.00	0.67-1.49	0.788	
16	rs7185307	C	0.47	0.48	0.96	0.67-1.36	0.794	
16	rs6498067	T	0.10	0.12	0.73	0.42-1.28	0.422	
17	rs1197062	G	0.11	0.13	0.93	0.52-1.67	0.609	
18	rs628419	C	0.41	0.40	1.03	0.72-1.47	0.958	
19	rs717225	G	0.07	0.06	1.12	0.55-2.29	0.933	
19	rs11882642	T	0.45	0.48	0.85	0.59-1.23	0.549	
21	rs12329755	C	0.31	0.34	0.96	0.66-1.39	0.524	
22	rs5754506	C	0.17	0.16	1.15	0.70-1.87	0.858	

CHR: Chromosome; A1: minor allele; MAF: minor allele frequency; <sup>a</sup> OR and P value adjusted for genetic admixture. CI: confidence interval, <sup>b</sup> Non-adjusted P values, EMP1: Empirical p-value

Supplementary Table S3. Ancestry analyses for strata “age at onset” and “Autoimmunity” compared to CLM population.

Age at onset (early $\leq 5$ yo, late $> 5$ yo)					Autoimmunity		
All AIMs					All AIMs		
T1D Category	CLM ancestry	P value*			T1D Category	CLM ancestry	P value*
Early_onset_EUR	CLM_EUR	0.836			T1AD_EUR	CLM_EUR	0.884
Late_onset_EUR	CLM_EUR	0.497			T1BD_EUR	CLM_EUR	0.343
Early_onset_AFR	CLM_AFR	0.629			T1AD_AFR	CLM_AFR	0.425
Late_onset_AFR	CLM_AFR	0.623			T1BD_AFR	CLM_AFR	0.782
Early_onset_AME	CLM_AME	0.445			T1AD_AME	CLM_AME	0.193
Late_onset_AME	CLM_AME	0.078			T1BD_AME	CLM_AME	0.084
CHR2_EFR3B AIMs					CHR2_EFR3B AIMs		
Early_onset_EUR	CLM_EUR	0.658			T1AD_EUR	CLM_EUR	0.146
Late_onset_EUR	CLM_EUR	0.119			T1BD_EUR	CLM_EUR	0.691
Early_onset_AFR	CLM_AFR	0.168			T1AD_AFR	CLM_AFR	0.179
Late_onset_AFR	CLM_AFR	0.076			T1BD_AFR	CLM_AFR	<b>0.016</b>
Early_onset_AME	CLM_AME	0.151			T1AD_AME	CLM_AME	<b>0.032</b>
Late_onset_AME	CLM_AME	0.275			T1BD_AME	CLM_AME	0.156
CHR2_CTLA4 AIMs					CHR2_CTLA4 AIMs		
Early_onset_EUR	CLM_EUR	0.839			T1AD_EUR	CLM_EUR	0.335

Late_onset_EUR	CLM_EUR	0.073			T1BD_EUR	CLM_EUR	0.065
Early_onset_AFR	CLM_AFR	0.443			T1AD_AFR	CLM_AFR	0.223
Late_onset_AFR	CLM_AFR	0.162			T1BD_AFR	CLM_AFR	0.291
Early_onset_AME	CLM_AME	0.716			T1AD_AME	CLM_AME	0.975
Late_onset_AME	CLM_AME	0.608			T1BD_AME	CLM_AME	0.451
CHR2_RNASEH1 AIMs					CHR2_RNASEH1 AIMs		
Early_onset_EUR	CLM_EUR	0.814			T1AD_EUR	CLM_EUR	0.585
Late_onset_EUR	CLM_EUR	0.404			T1BD_EUR	CLM_EUR	0.425
Early_onset_AFR	CLM_AFR	0.646			T1AD_AFR	CLM_AFR	0.359
Late_onset_AFR	CLM_AFR	0.414			T1BD_AFR	CLM_AFR	0.901
Early_onset_AME	CLM_AME	0.553			T1AD_AME	CLM_AME	0.255
Late_onset_AME	CLM_AME	0.202			T1BD_AME	CLM_AME	0.445
CHR2_IFIH1 AIMs					CHR2_IFIH1 AIMs		
Early_onset_EUR	CLM_EUR	0.689			T1AD_EUR	CLM_EUR	0.189
Late_onset_EUR	CLM_EUR	0.158			T1BD_EUR	CLM_EUR	0.325
Early_onset_AFR	CLM_AFR	0.347			T1AD_AFR	CLM_AFR	0.192
Late_onset_AFR	CLM_AFR	0.289			T1BD_AFR	CLM_AFR	0.253
Early_onset_AME	CLM_AME	0.641			T1AD_AME	CLM_AME	0.821
Late_onset_AME	CLM_AME	0.805			T1BD_AME	CLM_AME	0.574
CHR6_MHC AIMs					CHR6_MHC AIMs		
Early_onset_EUR	CLM_EUR	0.409			T1AD_EUR	CLM_EUR	0.864
Late_onset_EUR	CLM_EUR	0.948			T1BD_EUR	CLM_EUR	0.169

Early_onset_AFR	CLM_AFR	0.655			T1AD_AFR	CLM_AFR	0.633
Late_onset_AFR	CLM_AFR	0.729			T1BD_AFR	CLM_AFR	0.877
Early_onset_AME	CLM_AME	0.413			T1AD_AME	CLM_AME	0.713
Late_onset_AME	CLM_AME	0.848			T1BD_AME	CLM_AME	0.114