

**Supplementary Table S2.** Results of SNP association in *CD247* gene at 1q24.2 with SLE in the European, African and Hispanic/Amerindian populations

SNP ID	SNP reference	Position (Mb)	Gene region	European			African			Hispanic/Amerindian		
				Alleles (minor/major)	<i>P</i> -value	OR[95% CI]	Alleles (minor/major)	<i>P</i> -value	OR[95% CI]	Alleles (minor/major)	<i>P</i> -value	OR[95% CI]
1	rs4657658	165663574	Downstream	G/A	<b>2.81E-02</b>	<b>0.91[0.83-0.99]</b>	G/A	NA	NA	G/A	0.0594	0.83[0.68-1.01]
2	rs6682013	165663703	Downstream	G/A	0.2405	1.05[0.97-1.13]	G/A	0.6629	1.05[0.85-1.29]	G/A	0.9307	0.99[0.86-1.14]
3	rs1917534	165663896	Downstream	A/G	0.6294	0.98[0.92-1.05]	A/G	NA	NA	A/G	0.2106	0.92[0.81-1.05]
4	rs870875	165666359	Downstream	C/A	0.4274	1.03[0.96-1.11]	C/A	0.4849	1.04[0.94-1.15]	A/C	NA	NA
5	rs1052230	165666706	3' UTR	C/G	0.9290	1.00[0.90-1.10]	C/G	0.4898	1.05[0.92-1.20]	C/G	0.8993	1.01[0.83-1.23]
6	rs16859030	165667879	Intron 7	A/G	0.2046	1.11[0.95-1.29]	A/G	<b>2.07E-02</b>	<b>0.87[0.77-0.98]</b>	A/G	NA	NA
7	rs6668182	165668608	Intron 7	A/G	NA	NA	A/G	NA	NA	A/G	0.2323	1.16[0.91-1.47]
8	rs953808	165670469	Intron 5	G/C	NA	NA	G/C	0.2382	1.08[0.95-1.22]	G/C	0.7952	0.97[0.79-1.20]
9	rs1723023	165671757	Intron 4	A/G	0.5936	0.98[0.92-1.05]	A/G	0.0924	0.86[0.73-1.03]	A/G	0.7990	0.98[0.85-1.13]
10	rs2995082	165672870	Intron 4	G/A	0.3068	0.97[0.90-1.03]	G/A	0.0836	0.92[0.83-1.01]	G/A	NA	NA
11	rs1404567	165675499	Intron 2	G/A	0.2269	0.94[0.85-1.04]	G/A	0.1472	1.14[0.95-1.37]	G/A	0.8441	0.98[0.80-1.20]
12	rs1554669	165682416	Intron 1	G/A	0.1464	0.90[0.79-1.04]	G/A	0.1958	1.08[0.96-1.21]	G/A	0.9670	1.00[0.82-1.21]
13	rs2293325	165692771	Intron 1	A/G	0.3909	0.94[0.83-1.08]	A/G	NA	NA	A/G	0.7218	1.04[0.83-1.31]
14	rs7523907	165693872	Intron 1	G/A	<b>2.85E-02</b>	<b>0.93[0.86-0.99]</b>	G/A	0.8992	1.01[0.91-1.11]	G/A	0.6858	0.97[0.85-1.11]
15	rs1723015	165699519	Intron 1	G/A	<b>1.83E-02</b>	<b>0.92[0.86-0.99]</b>	G/A	0.9620	1.00[0.91-1.10]	G/A	0.6715	1.03[0.91-1.17]
16	rs16859072	165699820	Intron 1	A/G	NA	NA	A/G	0.5952	1.05[0.88-1.25]	A/G	NA	NA
17	rs2995091	165700902	Intron 1	G/A	0.1160	0.95[0.88-1.01]	G/A	0.4225	0.93[0.79-1.10]	G/A	0.9499	1.00[0.86-1.15]
18	rs12132416	165703507	Intron 1	A/G	0.8863	0.99[0.86-1.14]	A/G	NA	NA	A/G	0.8030	1.03[0.82-1.30]
19	rs12036775	165703672	Intron 1	A/G	0.0931	1.06[0.99-1.14]	A/G	0.1951	1.07[0.97-1.19]	A/G	0.3792	1.06[0.93-1.20]
20	rs7523351	165703888	Intron 1	G/C	0.6238	1.03[0.92-1.15]	G/C	0.2454	0.93[0.83-1.05]	G/C	0.1771	0.87[0.70-1.07]
21	rs2949659	165706163	Intron 1	G/A	0.9564	1.00[0.88-1.13]	G/A	0.6354	1.03[0.92-1.16]	G/A	0.5844	0.95[0.81-1.13]
22	rs7550384	165710384	Intron 1	G/A	NA	NA	G/A	0.2684	1.08[0.94-1.25]	G/A	NA	NA
23	rs7518703	165715017	Intron 1	C/A	NA	NA	C/A	0.1070	1.18[0.96-1.45]	C/A	NA	NA
24	rs1214611	165715729	Intron 1	A/G	0.6487	0.98[0.92-1.05]	G/A	<b>2.95E-02</b>	<b>1.11[1.01-1.23]</b>	A/G	0.2017	0.92[0.81-1.05]
25	rs1214610	165716215	Intron 1	C/A	0.3617	1.04[0.95-1.14]	C/A	0.1048	1.10[0.98-1.23]	C/A	NA	NA
26	rs12737372	165717740	Intron 1	A/G	0.3261	0.96[0.89-1.04]	A/G	0.4384	1.08[0.90-1.29]	A/G	0.6820	1.03[0.89-1.20]
27	rs12141731	165718065	Intron 1	A/G	0.2225	0.96[0.89-1.03]	A/G	0.2380	1.10[0.94-1.29]	A/G	0.6833	1.03[0.90-1.18]
28	rs2949655	165718475	Intron 1	A/G	NA	NA	A/G	0.7618	1.02[0.92-1.12]	A/G	0.3226	1.07[0.94-1.23]
29	rs16859085	165719959	Intron 1	G/A	NA	NA	G/A	0.4503	1.05[0.92-1.21]	G/A	NA	NA
30	rs12144621	165720283	Intron 1	C/G	0.6756	1.02[0.94-1.10]	C/G	0.2346	1.08[0.95-1.23]	C/G	0.7843	1.02[0.88-1.18]
31	rs858554	165721539	Intron 1	A/G	0.2795	1.04[0.97-1.11]	A/G	0.6303	1.03[0.93-1.13]	G/A	0.2774	0.93[0.82-1.06]
32	rs863455	165724449	Intron 1	A/G	NA	NA	A/G	0.9128	1.01[0.88-1.15]	A/G	0.1631	0.91[0.79-1.04]
33	rs858547	165724692	Intron 1	A/G	0.2417	0.94[0.85-1.04]	A/G	0.9073	0.99[0.80-1.23]	A/G	0.6119	0.95[0.76-1.17]
34	rs858546	165727947	Intron 1	A/G	0.1520	0.92[0.82-1.03]	A/G	NA	NA	A/G	0.7910	0.97[0.75-1.25]
35	rs858545	165728016	Intron 1	A/C	<b>4.51E-02</b>	<b>1.07[1.00-1.15]</b>	C/A	<b>5.92E-03</b>	<b>1.15[1.04-1.27]</b>	A/C	0.3180	1.07[0.94-1.22]
36	rs704848	165728498	Intron 1	C/G	<b>1.12E-02</b>	<b>0.92[0.85-0.98]</b>	C/G	0.5043	1.04[0.93-1.16]	C/G	<b>3.39E-02</b>	<b>0.87[0.76-0.99]</b>
37	rs704852	165730541	Intron 1	C/A	0.6036	0.98[0.90-1.06]	C/A	0.7608	0.98[0.88-1.10]	C/A	NA	NA
38	rs10918706	165732746	Intron 1	A/G	0.2756	0.96[0.89-1.03]	A/G	0.6949	1.03[0.89-1.20]	A/G	0.8676	1.01[0.86-1.20]
39	rs858543	165733923	Intron 1	A/G	0.6240	1.02[0.94-1.10]	A/G	0.5157	1.04[0.93-1.16]	A/G	0.0677	1.15[0.99-1.32]

Abbreviations: Mb, Megabases; OR, odds ratio; 95% CI, 95% confidence interval.

The presented genetic association *P*-values are under the additive model and adjusted for the first three principal components and gender.

Univariately significant *P*-values (<0.05) are highlighted in bold.