Type of file: table
Label: Table 1s
Filename: Supplemental_table1s_BANK1.pdf

Supplementary Table 1. Detailed demographics and sources of European-derived study samples

Contributor	*Case*	*Control*	*Total*
G.S. Gilkeson	78	191	269
J.A. James	104	89	193
J.T. Merrill	78	2	80
K.L. Moser/P.M. Gaffney	304	0	304
LFRR[a]	310	320	630
M.E. Alarcon-Riquelme	170	0	170
P.K. Gregersen	0	410	410
PROFILE Study Group[b]	597	1095	1692
T.J. Vyse	251	545	796
Totals	*1892*	*2652*	*4544*

Abbreviation: LFRR, Lupus Family Registry Repository.

[a]LFRR principle contact: John B. Harley

[b]PROFILE Study Group Members: Graciela S Alarcón, Elizabeth E Brown, Robert P Kimberly, Jeffery C Edberg, Rosalind Ramsey-Goldman, John D Reveille, Gerald McGwin, Jr., Luis Vilá, Michelle Petri

Type of file: table
Label: Table 2
Filename: BANK1_Supplemental_Table2.pdf

Supplemental Table 2a. Detailed results from the multivariant logistic regression analysis of 38 SNPs around and within BANK1 with Bioplex 2200 autoantibody data as covariate factors

	No Covariate		*Chromatin*		*dsDNA*	
SNP	*P*	*OR (95% C.I.)*	*P*	*OR (95% C.I.)*	*P*	*OR (95% C.I.)*
rs4632664	0.5919	0.89 (1.35 - 0.91)	0.9051	1.03 (1.60 - 0.89)	0.8897	0.97 (1.50 - 0.80)
rs17199964	0.1474	0.75 (1.11 - 0.58)	0.5755	0.89 (1.35 - 0.43)	0.4303	0.85 (1.28 - 0.18)
rs4371620	0.2507	0.85 (1.12 - 0.62)	0.6205	0.93 (1.25 - 0.69)	0.6895	0.94 (1.25 - 0.25)
rs11097755	0.5632	1.07 (1.33 - 0.40)	0.3973	1.11 (1.42 - 0.59)	0.5937	1.07 (1.35 - 0.75)
rs4699258	0.1278	0.84 (1.05 - 0.30)	0.3001	0.88 (1.13 - 0.16)	0.1623	0.84 (1.07 - 0.14)
rs9998865	0.2193	0.81 (1.14 - 0.07)	0.06968	0.69 (1.03 - 0.39)	0.3881	0.85 (1.22 - 0.27)
rs7656409	**0.02283**	0.78 (0.97 - 0.03)	**0.025**	0.77 (0.97 - 0.06)	0.05776	0.80 (1.01 - 0.03)
rs6833249	0.21	0.80 (1.13 - 0.08)	0.07523	0.70 (1.04 - 0.36)	0.3592	0.84 (1.21 - 0.26)
rs4572885	0.2303	0.87 (1.09 - 0.29)	0.2905	0.88 (1.12 - 0.20)	0.2008	0.86 (1.09 - 0.21)
rs17266594[b]	0.2701	0.88 (1.11 - 0.48)	0.4805	0.91 (1.18 - 0.28)	0.2801	0.87 (1.12 - 0.25)
rs10516487[b]	0.2701	0.88 (1.11 - 0.48)	0.4805	0.91 (1.18 - 0.28)	0.2801	0.87 (1.12 - 0.25)
rs10516486	0.4058	0.91 (1.14 - 0.50)	0.5011	0.92 (1.18 - 0.44)	0.4358	0.91 (1.15 - 0.36)
rs1469019	0.6672	1.10 (1.69 - 1.00)	0.9974	1.00 (1.62 - 0.63)	0.6283	1.12 (1.77 - 0.73)
rs11931658	0.1945	0.86 (1.08 - 0.17)	0.1705	0.84 (1.08 - 0.11)	0.114	0.82 (1.05 - 0.14)
rs12498977	0.9224	1.02 (1.60 - 0.66)	0.6578	0.89 (1.49 - 0.89)	0.8896	1.04 (1.67 - 0.98)
rs4698977[b]	0.07106	0.81 (1.02 - 0.15)	0.149	0.83 (1.07 - 0.04)	**0.04229**	0.78 (0.99 - 0.06)
rs12331849	0.1095	0.84 (1.04 - 0.16)	0.1586	0.84 (1.07 - 0.09)	0.08837	0.82 (1.03 - 0.09)
rs3733197	0.05854	0.80 (1.01 - 0.11)	0.1104	0.81 (1.05 - 0.05)	**0.04614**	0.78 (1.00 - 0.05)
rs10014485	0.4446	0.87 (1.24 - 0.64)	0.644	0.91 (1.34 - 0.79)	0.7886	0.95 (1.38 - 0.64)
rs12331595	0.0823	0.82 (1.03 - 0.16)	0.1621	0.84 (1.07 - 0.08)	0.07596	0.81 (1.02 - 0.09)
rs17208914	0.1692	1.16 (1.44 - 0.15)	0.1514	1.19 (1.50 - 0.08)	0.08443	1.22 (1.54 - 0.13)
rs13125328	0.1182	0.75 (1.07 - 0.11)	0.1137	0.72 (1.08 - 0.15)	0.1499	0.76 (1.11 - 0.08)
rs2850374	0.6893	1.07 (1.52 - 0.58)	0.5834	1.11 (1.63 - 0.65)	0.6495	1.09 (1.58 - 0.62)
rs2850377	0.09769	0.83 (1.03 - 0.07)	0.07162	0.80 (1.02 - 0.04)	**0.04031**	0.78 (0.99 - 0.06)
rs2851318	0.755	1.06 (1.49 - 0.61)	0.6088	1.10 (1.61 - 0.69)	0.6895	1.08 (1.56 - 0.68)
rs2631268	0.1689	1.18 (1.48 - 0.14)	0.1448	1.21 (1.57 - 0.27)	0.2661	1.15 (1.48 - 0.24)
rs7685012	0.7777	0.95 (1.32 - 0.81)	0.8076	1.05 (1.49 - 0.52)	0.5198	0.89 (1.27 - 0.93)
rs10516491	0.7152	0.86 (1.95 - 0.61)	0.6115	0.79 (1.99 - 0.41)	0.4089	0.68 (1.71 - 0.73)
rs2658529	0.3159	1.19 (1.68 - 0.24)	0.2367	1.25 (1.82 - 0.24)	0.2412	1.24 (1.78 - 0.45)
rs3113676	0.6307	1.23 (2.89 - 0.95)	0.9474	1.03 (2.74 - 0.47)	0.466	1.39 (3.37 - 0.48)
rs3113677	0.6417	0.91 (1.38 - 0.37)	0.3687	0.80 (1.30 - 0.89)	0.8875	0.97 (1.51 - 0.81)
rs12649238	**0.03577**	1.34 (1.75 - 0.06)	0.05775	1.33 (1.79 - 0.06)	0.06034	1.32 (1.75 - 0.08)
rs10516489	0.08764	0.83 (1.03 - 0.18)	0.178	0.85 (1.08 - 0.05)	0.05452	0.79 (1.00 - 0.09)
rs7692330	0.9983	1.00 (1.50 - 0.84)	0.8394	0.95 (1.50 - 0.53)	0.5316	1.14 (1.74 - 0.78)
rs6816285	0.4291	0.92 (1.13 - 0.25)	0.2549	0.87 (1.10 - 0.64)	0.6397	0.95 (1.18 - 0.51)
rs1813006	0.9946	1.00 (1.55 - 0.81)	0.8084	1.06 (1.71 - 0.96)	0.9582	1.01 (1.61 - 0.93)
rs173218	**0.01217**	1.42 (1.86 - 0.04)	**0.03648**	1.38 (1.86 - 0.01)	**0.01464**	1.43 (1.91 - 0.03)
rs236768	**0.01654**	1.40 (1.85 - 0.05)	**0.04741**	1.36 (1.85 - 0.02)	**0.0154**	1.43 (1.91 - 0.03)

Abbreviations: *SNP, Single Nuclear Polymorphism; P, p-value; ODDS, Odds Ratio; L95, Lower Bound of 95% Confidence Interval; U95, Upper Bound of 95% Confidence Interval*

[b]SNPs rs17266594, rs10516487, and rs4698977 are partially imputed as described in the Materials and Methods section.

Supplemental Table 2b. Detailed results from the multivariant logistic regression analysis of 38 SNPs around and within BANK1 with Bioplex 2200 autoantibody data as covariate factors

	No Covariate		*Ribosomal P*		*RNP 68kD*	
SNP	*P*	*OR (95% C.I.)*	*P*	*OR (95% C.I.)*	*P*	*OR (95% C.I.)*
rs4632664	0.5919	0.89 (1.35 - 0.91)	0.7973	0.95 (1.44 - 0.63)	0.6278	0.90 (1.37 - 0.64)
rs17199964	0.1474	0.75 (1.11 - 0.58)	0.1833	0.76 (1.14 - 0.14)	0.143	0.74 (1.11 - 0.10)
rs4371620	0.2507	0.85 (1.12 - 0.62)	0.246	0.85 (1.12 - 0.27)	0.2698	0.86 (1.13 - 0.33)
rs11097755	0.5632	1.07 (1.33 - 0.40)	0.7523	1.04 (1.30 - 0.69)	0.6882	1.05 (1.31 - 0.55)
rs4699258	0.1278	0.84 (1.05 - 0.30)	0.1384	0.84 (1.06 - 0.11)	0.1062	0.83 (1.04 - 0.08)
rs9998865	0.2193	0.81 (1.14 - 0.07)	0.2729	0.82 (1.17 - 0.25)	0.2507	0.82 (1.15 - 0.38)
rs7656409	**0.02283**	0.78 (0.97 - 0.03)	**0.03175**	0.79 (0.98 - 0.02)	**0.02083**	0.78 (0.96 - 0.02)
rs6833249	0.21	0.80 (1.13 - 0.08)	0.2583	0.82 (1.16 - 0.24)	0.2377	0.81 (1.15 - 0.36)
rs4572885	0.2303	0.87 (1.09 - 0.29)	0.2105	0.87 (1.09 - 0.18)	0.1811	0.86 (1.08 - 0.17)
rs17266594[b]	0.2701	0.88 (1.11 - 0.48)	0.2473	0.87 (1.10 - 0.25)	0.246	0.87 (1.10 - 0.19)
rs10516487[b]	0.2701	0.88 (1.11 - 0.48)	0.2473	0.87 (1.10 - 0.25)	0.246	0.87 (1.10 - 0.19)
rs10516486	0.4058	0.91 (1.14 - 0.50)	0.356	0.90 (1.13 - 0.38)	0.3807	0.90 (1.13 - 0.41)
rs1469019	0.6672	1.10 (1.69 - 1.00)	0.7252	1.08 (1.68 - 0.65)	0.6491	1.11 (1.71 - 0.42)
rs11931658	0.1945	0.86 (1.08 - 0.17)	0.1385	0.84 (1.06 - 0.14)	0.1437	0.84 (1.06 - 0.12)
rs12498977	0.9224	1.02 (1.60 - 0.66)	0.975	0.99 (1.58 - 0.97)	0.9725	0.99 (1.57 - 0.68)
rs4698977[b]	0.07106	0.81 (1.02 - 0.15)	0.06208	0.80 (1.01 - 0.06)	0.06095	0.80 (1.01 - 0.04)
rs12331849	0.1095	0.84 (1.04 - 0.16)	0.09475	0.83 (1.03 - 0.09)	0.09261	0.83 (1.03 - 0.10)
rs3733197	0.05854	0.80 (1.01 - 0.11)	**0.04641**	0.79 (1.00 - 0.04)	**0.0417**	0.79 (0.99 - 0.03)
rs10014485	0.4446	0.87 (1.24 - 0.64)	0.6362	0.92 (1.31 - 0.48)	0.4825	0.88 (1.26 - 0.49)
rs12331595	0.0823	0.82 (1.03 - 0.16)	0.0874	0.82 (1.03 - 0.07)	0.07222	0.82 (1.02 - 0.06)
rs17208914	0.1692	1.16 (1.44 - 0.15)	0.1313	1.18 (1.47 - 0.11)	0.1082	1.20 (1.49 - 0.13)
rs13125328	0.1182	0.75 (1.07 - 0.11)	0.08468	0.73 (1.05 - 0.09)	0.09074	0.73 (1.05 - 0.05)
rs2850374	0.6893	1.07 (1.52 - 0.58)	0.6211	1.09 (1.56 - 0.67)	0.6661	1.08 (1.54 - 0.59)
rs2850377	0.09769	0.83 (1.03 - 0.07)	0.06301	0.81 (1.01 - 0.06)	0.05657	0.81 (1.01 - 0.06)
rs2851318	0.755	1.06 (1.49 - 0.61)	0.677	1.08 (1.53 - 0.73)	0.7254	1.07 (1.52 - 0.64)
rs2631268	0.1689	1.18 (1.48 - 0.14)	0.2403	1.15 (1.46 - 0.15)	0.1515	1.19 (1.50 - 0.14)
rs7685012	0.7777	0.95 (1.32 - 0.81)	0.9282	0.98 (1.37 - 0.95)	0.9483	0.99 (1.38 - 0.92)
rs10516491	0.7152	0.86 (1.95 - 0.61)	0.7267	0.86 (1.99 - 0.85)	0.8534	0.93 (2.10 - 0.75)
rs2658529	0.3159	1.19 (1.68 - 0.24)	0.4491	1.15 (1.63 - 0.30)	0.2996	1.20 (1.70 - 0.22)
rs3113676	0.6307	1.23 (2.89 - 0.95)	0.4843	1.36 (3.18 - 0.51)	0.5136	1.33 (3.12 - 0.48)
rs3113677	0.6417	0.91 (1.38 - 0.37)	0.8074	0.95 (1.45 - 0.64)	0.6437	0.90 (1.39 - 0.61)
rs12649238	**0.03577**	1.34 (1.75 - 0.06)	0.07567	1.29 (1.70 - 0.04)	**0.04209**	1.33 (1.76 - 0.07)
rs10516489	0.08764	0.83 (1.03 - 0.18)	0.08677	0.82 (1.03 - 0.14)	0.1406	0.85 (1.06 - 0.23)
rs7692330	0.9983	1.00 (1.50 - 0.84)	0.7812	1.06 (1.59 - 0.87)	0.8687	1.04 (1.56 - 0.94)
rs6816285	0.4291	0.92 (1.13 - 0.25)	0.506	0.93 (1.15 - 0.38)	0.3812	0.91 (1.12 - 0.34)
rs1813006	0.9946	1.00 (1.55 - 0.81)	0.9306	0.98 (1.54 - 0.83)	0.8258	0.95 (1.49 - 0.68)
rs173218	**0.01217**	1.42 (1.86 - 0.04)	**0.02848**	1.37 (1.81 - 0.02)	**0.01757**	1.40 (1.85 - 0.03)
rs236768	**0.01654**	1.40 (1.85 - 0.05)	**0.02861**	1.37 (1.81 - 0.02)	**0.02444**	1.38 (1.83 - 0.05)

Abbreviations: *SNP, Single Nuclear Polymorphism; P, p-value; ODDS, Odds Ratio; L95, Lower Bound of 95% Confidence Interval; U95, Upper Bound of 95% Confidence Interval*

[b]SNPs rs17266594, rs10516487, and rs4698977 are partially imputed as described in the Materials and Methods section.

Supplemental Table 2c. Detailed results from the multivariant logistic regression analysis of 38 SNPs around and within BANK1 with Bioplex 2200 autoantibody data as covariate factors

	No Covariate		*RNP A*		*Sm*	
SNP	*P*	*OR (95% C.I.)*	*P*	*OR (95% C.I.)*	*P*	*OR (95% C.I.)*
rs4632664	0.5919	0.89 (1.35 - 0.91)	0.6372	0.90 (1.38 - 0.97)	0.9688	0.99 (1.51 - 0.70)
rs17199964	0.1474	0.75 (1.11 - 0.58)	0.102	0.71 (1.07 - 0.22)	0.223	0.78 (1.16 - 0.13)
rs4371620	0.2507	0.85 (1.12 - 0.62)	0.3314	0.87 (1.15 - 0.34)	0.3444	0.87 (1.16 - 0.28)
rs11097755	0.5632	1.07 (1.33 - 0.40)	0.5515	1.07 (1.35 - 0.52)	0.5241	1.08 (1.36 - 0.45)
rs4699258	0.1278	0.84 (1.05 - 0.30)	0.0785	0.81 (1.02 - 0.21)	0.2127	0.86 (1.09 - 0.11)
rs9998865	0.2193	0.81 (1.14 - 0.07)	0.3833	0.86 (1.21 - 0.30)	0.3036	0.83 (1.18 - 0.29)
rs7656409	**0.02283**	0.78 (0.97 - 0.03)	**0.02407**	0.78 (0.97 - 0.06)	0.05926	0.81 (1.01 - 0.02)
rs6833249	0.21	0.80 (1.13 - 0.08)	0.3614	0.85 (1.21 - 0.28)	0.2848	0.82 (1.18 - 0.27)
rs4572885	0.2303	0.87 (1.09 - 0.29)	0.1711	0.85 (1.07 - 0.29)	0.2865	0.88 (1.11 - 0.16)
rs17266594[b]	0.2701	0.88 (1.11 - 0.48)	0.1928	0.85 (1.09 - 0.42)	0.4184	0.90 (1.15 - 0.18)
rs10516487[b]	0.2701	0.88 (1.11 - 0.48)	0.1928	0.85 (1.09 - 0.42)	0.4184	0.90 (1.15 - 0.18)
rs10516486	0.4058	0.91 (1.14 - 0.50)	0.4096	0.91 (1.14 - 0.61)	0.6131	0.94 (1.19 - 0.25)
rs1469019	0.6672	1.10 (1.69 - 1.00)	0.4222	1.20 (1.86 - 0.61)	0.6058	1.12 (1.76 - 0.82)
rs11931658	0.1945	0.86 (1.08 - 0.17)	0.1198	0.83 (1.05 - 0.18)	0.1784	0.85 (1.08 - 0.06)
rs12498977	0.9224	1.02 (1.60 - 0.66)	0.6797	1.10 (1.75 - 0.91)	0.913	1.03 (1.64 - 0.98)
rs4698977[b]	0.07106	0.81 (1.02 - 0.15)	**0.04117**	0.78 (0.99 - 0.11)	0.1095	0.83 (1.04 - 0.02)
rs12331849	0.1095	0.84 (1.04 - 0.16)	0.1001	0.83 (1.04 - 0.18)	0.1811	0.86 (1.07 - 0.04)
rs3733197	0.05854	0.80 (1.01 - 0.11)	**0.02745**	0.77 (0.97 - 0.06)	0.06307	0.80 (1.01 - 0.02)
rs10014485	0.4446	0.87 (1.24 - 0.64)	0.4937	0.88 (1.27 - 0.55)	0.5526	0.90 (1.29 - 0.59)
rs12331595	0.0823	0.82 (1.03 - 0.16)	0.06426	0.81 (1.01 - 0.15)	0.1504	0.85 (1.06 - 0.03)
rs17208914	0.1692	1.16 (1.44 - 0.15)	0.1312	1.19 (1.48 - 0.21)	0.2131	1.15 (1.44 - 0.03)
rs13125328	0.1182	0.75 (1.07 - 0.11)	0.05045	0.69 (1.00 - 0.14)	0.1375	0.76 (1.09 - 0.15)
rs2850374	0.6893	1.07 (1.52 - 0.58)	0.5906	1.10 (1.58 - 0.48)	0.4841	1.14 (1.62 - 0.92)
rs2850377	0.09769	0.83 (1.03 - 0.07)	0.06088	0.81 (1.01 - 0.10)	0.1008	0.83 (1.04 - 0.03)
rs2851318	0.755	1.06 (1.49 - 0.61)	0.6392	1.09 (1.55 - 0.53)	0.5296	1.12 (1.60 - 0.96)
rs2631268	0.1689	1.18 (1.48 - 0.14)	0.1429	1.20 (1.52 - 0.24)	0.2374	1.16 (1.47 - 0.12)
rs7685012	0.7777	0.95 (1.32 - 0.81)	0.9191	1.02 (1.42 - 0.80)	0.8041	0.96 (1.34 - 0.99)
rs10516491	0.7152	0.86 (1.95 - 0.61)	0.7511	0.87 (2.03 - 0.66)	0.6557	0.82 (1.95 - 0.31)
rs2658529	0.3159	1.19 (1.68 - 0.24)	0.2201	1.25 (1.78 - 0.41)	0.4059	1.16 (1.66 - 0.21)
rs3113676	0.6307	1.23 (2.89 - 0.95)	0.4837	1.36 (3.23 - 0.39)	0.3921	1.45 (3.41 - 0.38)
rs3113677	0.6417	0.91 (1.38 - 0.37)	0.607	0.89 (1.38 - 0.67)	0.6679	0.91 (1.41 - 0.53)
rs12649238	**0.03577**	1.34 (1.75 - 0.06)	0.06658	1.30 (1.73 - 0.08)	0.07529	1.29 (1.72 - 0.05)
rs10516489	0.08764	0.83 (1.03 - 0.18)	0.2279	0.87 (1.09 - 0.13)	0.1347	0.84 (1.06 - 0.27)
rs7692330	0.9983	1.00 (1.50 - 0.84)	0.9431	1.02 (1.54 - 0.88)	0.8797	1.03 (1.57 - 0.77)
rs6816285	0.4291	0.92 (1.13 - 0.25)	0.336	0.90 (1.12 - 0.49)	0.4897	0.93 (1.15 - 0.26)
rs1813006	0.9946	1.00 (1.55 - 0.81)	0.6848	0.91 (1.44 - 0.97)	0.9651	0.99 (1.56 - 0.72)
rs173218	**0.01217**	1.42 (1.86 - 0.04)	**0.02899**	1.37 (1.82 - 0.05)	**0.04793**	1.33 (1.78 - 0.03)
rs236768	**0.01654**	1.40 (1.85 - 0.05)	**0.0468**	1.34 (1.78 - 0.04)	**0.0398**	1.35 (1.80 - 0.03)

Abbreviations: *SNP, Single Nuclear Polymorphism; P, p-value; ODDS, Odds Ratio; L95, Lower Bound of 95% Confidence Interval; U95, Upper Bound of 95% Confidence Interval*

[b]SNPs rs17266594, rs10516487, and rs4698977 are partially imputed as described in the Materials and Methods section.

Supplemental Table 2d. Detailed results from the multivariant logistic regression analysis of 38 SNPs around and within BANK1 with Bioplex 2200 autoantibody data as covariate factors

	No Covariate		*SmRNP*		*SS-A52/Ro 52kD*	
SNP	*P*	*OR (95% C.I.)*	*P*	*OR (95% C.I.)*	*P*	*OR (95% C.I.)*
rs4632664	0.5919	0.89 (1.35 - 0.91)	0.704	0.92 (1.42 - 0.72)	0.7228	0.93 (1.42 - 0.70)
rs17199964	0.1474	0.75 (1.11 - 0.58)	0.1309	0.72 (1.10 - 0.40)	0.3994	0.84 (1.26 - 0.23)
rs4371620	0.2507	0.85 (1.12 - 0.62)	0.2771	0.85 (1.14 - 0.29)	0.289	0.86 (1.14 - 0.29)
rs11097755	0.5632	1.07 (1.33 - 0.40)	0.4521	1.09 (1.39 - 0.74)	0.7352	1.04 (1.31 - 0.74)
rs4699258	0.1278	0.84 (1.05 - 0.30)	0.1143	0.82 (1.05 - 0.11)	0.1091	0.82 (1.05 - 0.19)
rs9998865	0.2193	0.81 (1.14 - 0.07)	0.2926	0.82 (1.18 - 0.21)	0.2119	0.79 (1.14 - 0.19)
rs7656409	**0.02283**	0.78 (0.97 - 0.03)	**0.02418**	0.77 (0.97 - 0.02)	**0.01732**	0.76 (0.95 - 0.03)
rs6833249	0.21	0.80 (1.13 - 0.08)	0.2694	0.81 (1.17 - 0.19)	0.1949	0.79 (1.13 - 0.17)
rs4572885	0.2303	0.87 (1.09 - 0.29)	0.1605	0.84 (1.07 - 0.25)	0.249	0.87 (1.10 - 0.37)
rs17266594[b]	0.2701	0.88 (1.11 - 0.48)	0.1833	0.84 (1.08 - 0.23)	0.2325	0.86 (1.10 - 0.47)
rs10516487[b]	0.2701	0.88 (1.11 - 0.48)	0.1833	0.84 (1.08 - 0.23)	0.2325	0.86 (1.10 - 0.47)
rs10516486	0.4058	0.91 (1.14 - 0.50)	0.25	0.87 (1.10 - 0.42)	0.4186	0.91 (1.15 - 0.60)
rs1469019	0.6672	1.10 (1.69 - 1.00)	0.8205	1.06 (1.68 - 0.52)	0.5186	1.16 (1.82 - 0.74)
rs11931658	0.1945	0.86 (1.08 - 0.17)	0.05645	0.79 (1.01 - 0.21)	0.2093	0.86 (1.09 - 0.32)
rs12498977	0.9224	1.02 (1.60 - 0.66)	0.9776	1.01 (1.63 - 0.98)	0.9843	1.00 (1.61 - 0.65)
rs4698977[b]	0.07106	0.81 (1.02 - 0.15)	**0.02248**	0.75 (0.96 - 0.08)	0.08264	0.81 (1.03 - 0.12)
rs12331849	0.1095	0.84 (1.04 - 0.16)	**0.04019**	0.78 (0.99 - 0.15)	0.1491	0.84 (1.06 - 0.15)
rs3733197	0.05854	0.80 (1.01 - 0.11)	**0.01714**	0.74 (0.95 - 0.07)	0.07027	0.80 (1.02 - 0.09)
rs10014485	0.4446	0.87 (1.24 - 0.64)	0.5878	0.90 (1.31 - 0.36)	0.3605	0.84 (1.22 - 0.69)
rs12331595	0.0823	0.82 (1.03 - 0.16)	**0.02507**	0.77 (0.97 - 0.08)	0.08038	0.81 (1.03 - 0.06)
rs17208914	0.1692	1.16 (1.44 - 0.15)	**0.03366**	1.28 (1.61 - 0.16)	0.16	1.17 (1.47 - 0.14)
rs13125328	0.1182	0.75 (1.07 - 0.11)	0.1488	0.75 (1.11 - 0.16)	0.1555	0.76 (1.11 - 0.20)
rs2850374	0.6893	1.07 (1.52 - 0.58)	0.9156	1.02 (1.49 - 0.73)	0.7327	1.07 (1.53 - 0.95)
rs2850377	0.09769	0.83 (1.03 - 0.07)	**0.02556**	0.77 (0.97 - 0.10)	0.102	0.83 (1.04 - 0.14)
rs2851318	0.755	1.06 (1.49 - 0.61)	0.9605	1.01 (1.47 - 0.78)	0.7807	1.05 (1.51 - 0.91)
rs2631268	0.1689	1.18 (1.48 - 0.14)	0.1238	1.21 (1.55 - 0.35)	0.3452	1.12 (1.43 - 0.64)
rs7685012	0.7777	0.95 (1.32 - 0.81)	0.9932	1.00 (1.41 - 0.90)	0.8998	0.98 (1.37 - 0.71)
rs10516491	0.7152	0.86 (1.95 - 0.61)	0.3082	0.60 (1.60 - 0.48)	0.4811	0.73 (1.77 - 0.47)
rs2658529	0.3159	1.19 (1.68 - 0.24)	0.2078	1.26 (1.81 - 0.49)	0.4852	1.14 (1.63 - 0.63)
rs3113676	0.6307	1.23 (2.89 - 0.95)	0.3843	1.47 (3.52 - 0.72)	0.7157	1.18 (2.90 - 0.54)
rs3113677	0.6417	0.91 (1.38 - 0.37)	0.5349	0.87 (1.36 - 0.59)	0.5909	0.89 (1.38 - 0.68)
rs12649238	**0.03577**	1.34 (1.75 - 0.06)	0.0504	1.33 (1.78 - 0.11)	0.1133	1.26 (1.68 - 0.19)
rs10516489	0.08764	0.83 (1.03 - 0.18)	0.2729	0.88 (1.11 - 0.06)	0.06413	0.81 (1.01 - 0.05)
rs7692330	0.9983	1.00 (1.50 - 0.84)	0.7678	1.07 (1.63 - 0.98)	0.9836	1.00 (1.52 - 0.69)
rs6816285	0.4291	0.92 (1.13 - 0.25)	0.255	0.88 (1.10 - 0.82)	0.8157	0.97 (1.21 - 0.93)
rs1813006	0.9946	1.00 (1.55 - 0.81)	0.7217	0.92 (1.48 - 0.66)	0.6621	1.11 (1.74 - 0.52)
rs173218	**0.01217**	1.42 (1.86 - 0.04)	**0.02688**	1.39 (1.85 - 0.05)	0.05307	1.33 (1.77 - 0.10)
rs236768	**0.01654**	1.40 (1.85 - 0.05)	**0.02642**	1.39 (1.87 - 0.04)	**0.04081**	1.35 (1.80 - 0.06)

Abbreviations: *SNP, Single Nuclear Polymorphism; P, p-value; ODDS, Odds Ratio; L95, Lower Bound of 95% Confidence Interval; U95, Upper Bound of 95% Confidence Interval*

[b]SNPs rs17266594, rs10516487, and rs4698977 are partially imputed as described in the Materials and Methods section.

Supplemental Table 2e. Detailed results from the multivariant logistic regression analysis of 38 SNPs around and within BANK1 with Bioplex 2200 autoantibody data as covariate factors

	No Covariate		*SS-A60/Ro 60kD*		*SS-B/La*	
SNP	*P*	*OR (95% C.I.)*	*P*	*OR (95% C.I.)*	*P*	*OR (95% C.I.)*
rs4632664	0.5919	0.89 (1.35 - 0.91)	0.6997	0.92 (1.43 - 0.57)	0.5681	0.88 (1.36 - 0.00)
rs17199964	0.1474	0.75 (1.11 - 0.58)	0.2258	0.77 (1.17 - 0.33)	0.3312	0.82 (1.22 - 0.00)
rs4371620	0.2507	0.85 (1.12 - 0.62)	0.2864	0.85 (1.14 - 0.25)	0.2467	0.85 (1.12 - 0.00)
rs11097755	0.5632	1.07 (1.33 - 0.40)	0.7393	1.04 (1.32 - 0.83)	0.8333	1.03 (1.29 - 0.00)
rs4699258	0.1278	0.84 (1.05 - 0.30)	0.1927	0.85 (1.09 - 0.12)	0.1174	0.83 (1.05 - 0.00)
rs9998865	0.2193	0.81 (1.14 - 0.07)	0.1919	0.78 (1.13 - 0.18)	0.1752	0.78 (1.12 - 0.00)
rs7656409	**0.02283**	0.78 (0.97 - 0.03)	**0.0333**	0.78 (0.98 - 0.02)	**0.01573**	0.76 (0.95 - 0.00)
rs6833249	0.21	0.80 (1.13 - 0.08)	0.1719	0.77 (1.12 - 0.16)	0.1614	0.77 (1.11 - 0.00)
rs4572885	0.2303	0.87 (1.09 - 0.29)	0.3733	0.90 (1.14 - 0.22)	0.2161	0.86 (1.09 - 0.00)
rs17266594[b]	0.2701	0.88 (1.11 - 0.48)	0.4672	0.91 (1.17 - 0.25)	0.2475	0.87 (1.11 - 0.00)
rs10516487[b]	0.2701	0.88 (1.11 - 0.48)	0.4672	0.91 (1.17 - 0.25)	0.2475	0.87 (1.11 - 0.00)
rs10516486	0.4058	0.91 (1.14 - 0.50)	0.5985	0.94 (1.19 - 0.35)	0.3457	0.89 (1.13 - 0.00)
rs1469019	0.6672	1.10 (1.69 - 1.00)	0.739	1.08 (1.73 - 0.75)	0.7483	1.08 (1.69 - 0.00)
rs11931658	0.1945	0.86 (1.08 - 0.17)	0.3192	0.88 (1.13 - 0.23)	0.2291	0.86 (1.10 - 0.00)
rs12498977	0.9224	1.02 (1.60 - 0.66)	0.65	0.89 (1.47 - 0.82)	0.8168	0.94 (1.53 - 0.00)
rs4698977[b]	0.07106	0.81 (1.02 - 0.15)	0.1222	0.83 (1.05 - 0.09)	0.0913	0.82 (1.03 - 0.00)
rs12331849	0.1095	0.84 (1.04 - 0.16)	0.1467	0.84 (1.06 - 0.12)	0.1202	0.83 (1.05 - 0.00)
rs3733197	0.05854	0.80 (1.01 - 0.11)	0.08719	0.81 (1.03 - 0.07)	0.07217	0.81 (1.02 - 0.00)
rs10014485	0.4446	0.87 (1.24 - 0.64)	0.6874	0.93 (1.35 - 0.35)	0.3467	0.84 (1.21 - 0.00)
rs12331595	0.0823	0.82 (1.03 - 0.16)	0.05627	0.79 (1.01 - 0.07)	0.0682	0.81 (1.02 - 0.00)
rs17208914	0.1692	1.16 (1.44 - 0.15)	0.135	1.19 (1.49 - 0.14)	0.1429	1.18 (1.47 - 0.00)
rs13125328	0.1182	0.75 (1.07 - 0.11)	0.198	0.78 (1.14 - 0.12)	0.1194	0.74 (1.08 - 0.00)
rs2850374	0.6893	1.07 (1.52 - 0.58)	0.9486	0.99 (1.44 - 0.84)	0.8356	1.04 (1.50 - 0.00)
rs2850377	0.09769	0.83 (1.03 - 0.07)	0.1405	0.84 (1.06 - 0.10)	0.1049	0.83 (1.04 - 0.00)
rs2851318	0.755	1.06 (1.49 - 0.61)	0.9121	0.98 (1.43 - 0.89)	0.8869	1.03 (1.47 - 0.00)
rs2631268	0.1689	1.18 (1.48 - 0.14)	0.6429	1.06 (1.36 - 0.31)	0.3129	1.13 (1.44 - 0.00)
rs7685012	0.7777	0.95 (1.32 - 0.81)	0.7122	0.94 (1.33 - 0.88)	0.8826	1.03 (1.43 - 0.00)
rs10516491	0.7152	0.86 (1.95 - 0.61)	0.4678	0.71 (1.80 - 0.75)	0.7545	0.87 (2.04 - 0.00)
rs2658529	0.3159	1.19 (1.68 - 0.24)	0.6264	1.10 (1.59 - 0.56)	0.564	1.11 (1.59 - 0.00)
rs3113676	0.6307	1.23 (2.89 - 0.95)	0.5448	1.32 (3.26 - 0.75)	0.7501	1.16 (2.84 - 0.00)
rs3113677	0.6417	0.91 (1.38 - 0.37)	0.675	0.91 (1.43 - 0.46)	0.4607	0.85 (1.32 - 0.00)
rs12649238	**0.03577**	1.34 (1.75 - 0.06)	0.191	1.22 (1.64 - 0.12)	0.123	1.25 (1.66 - 0.00)
rs10516489	0.08764	0.83 (1.03 - 0.18)	0.05147	0.79 (1.00 - 0.10)	0.1027	0.83 (1.04 - 0.00)
rs7692330	0.9983	1.00 (1.50 - 0.84)	0.6876	1.09 (1.67 - 0.98)	0.9826	1.00 (1.52 - 0.00)
rs6816285	0.4291	0.92 (1.13 - 0.25)	0.9277	1.01 (1.26 - 0.65)	0.6473	0.95 (1.18 - 0.00)
rs1813006	0.9946	1.00 (1.55 - 0.81)	0.5181	1.16 (1.85 - 0.83)	0.8322	1.05 (1.65 - 0.00)
rs173218	**0.01217**	1.42 (1.86 - 0.04)	0.09592	1.29 (1.74 - 0.04)	**0.04242**	1.34 (1.79 - 0.00)
rs236768	**0.01654**	1.40 (1.85 - 0.05)	0.06211	1.33 (1.79 - 0.04)	**0.0378**	1.36 (1.81 - 0.00)

Abbreviations: *SNP, Single Nuclear Polymorphism; P, p-value; ODDS, Odds Ratio; L95, Lower Bound of 95% Confidence Interval; U95, Upper Bound of 95% Confidence Interval*

[b]SNPs rs17266594, rs10516487, and rs4698977 are partially imputed as described in the Materials and Methods section.

Type of file: table
Label: Table 3
Filename: BANK1_Supplemental_Table3.pdf

Supplemental Table3a. Detailed results from subsetting association analysis using 10 ACR clinical criteria to stratify SLE cases.

		No subsetting (1892/2652)[+]					*ANA (1318/2652)*					*Arthritis (1157/2652)*				
SNP	*BP*	*Minor Allele*	*MAF Case*	*MAF Control*	*P*	*OR (95% C.I.)*	*Minor Allele*	*MAF Case*	*MAF Control*	*P*	*OR (95% C.I.)*	*Minor Allele*	*MAF Case*	*MAF Control*	*P*	*OR (95% C.I.)*
rs4632664	102911688	A	0.06323	0.06738	4.31E-01	0.93 (0.79-1.11)	A	0.06497	0.06738	6.85E-01	0.96 (0.8-1.16)	A	0.06358	0.0674	5.40E-01	0.94 (0.77-1.15)
rs17199964	102926814	A	0.07373	0.08503	5.08E-02	0.86 (0.73-1)	A	0.07549	0.08503	1.44E-01	0.88 (0.74-1.05)	A	0.07692	0.085	2.37E-01	0.9 (0.75-1.07)
rs4371620	102927258	G	0.1936	0.2156	**1.08E-02**	0.87 (0.79-0.97)	G	0.2021	0.2156	1.66E-01	0.92 (0.82-1.04)	G	0.2042	0.2156	2.64E-01	0.93 (0.83-1.05)
rs11097755	102928331	G	0.4407	0.454	2.10E-01	0.95 (0.87-1.03)	G	0.4494	0.454	7.02E-01	0.98 (0.89-1.08)	G	0.4545	0.454	9.64E-01	1 (0.91-1.11)
rs4699258	102929711	A	0.2968	0.3326	**3.09E-04**	0.85 (0.77-0.93)	A	0.2971	0.3326	**1.44E-03**	0.85 (0.77-0.94)	A	0.2978	0.3326	**2.86E-03**	0.85 (0.77-0.95)
rs9998865	102936169	C	0.1007	0.1018	8.68E-01	0.99 (0.86-1.14)	C	0.1036	0.1018	8.00E-01	1.02 (0.87-1.19)	C	0.1007	0.1018	8.82E-01	0.99 (0.84-1.16)
rs7656409	102943428	A	0.3977	0.4338	**5.85E-04**	0.86 (0.79-0.94)	A	0.4036	0.4338	**1.04E-02**	0.88 (0.8-0.97)	A	0.4015	0.4338	**8.59E-03**	0.88 (0.79-0.97)
rs6833249	102945096	A	0.0981	0.09936	8.42E-01	0.99 (0.86-1.13)	A	0.1021	0.09936	6.99E-01	1.03 (0.88-1.2)	A	0.09948	0.0994	9.87E-01	1 (0.85-1.18)
rs4572885	102954536	T	0.3694	0.396	**1.01E-02**	0.89 (0.82-0.97)	T	0.3683	0.396	**1.67E-02**	0.89 (0.81-0.98)	T	0.3681	0.396	**2.13E-02**	0.89 (0.8-0.98)
rs17266594[b]	102969945	C	0.2891	0.3309	**2.32E-05**	0.82 (0.75-0.9)	C	0.2887	0.3309	**1.42E-04**	0.82 (0.74-0.91)	C	0.2908	0.3309	**5.62E-04**	0.83 (0.75-0.92)
rs10516487[b]	102970099	T	0.2896	0.3309	**2.95E-05**	0.82 (0.75-0.9)	T	0.2887	0.3309	**1.42E-04**	0.82 (0.74-0.91)	T	0.2908	0.3309	**5.62E-04**	0.83 (0.75-0.92)
rs10516486	102970299	A	0.3562	0.3929	**3.84E-04**	0.86 (0.78-0.93)	A	0.357	0.3929	**1.93E-03**	0.86 (0.78-0.95)	A	0.3583	0.3929	**4.25E-03**	0.86 (0.78-0.95)
rs1469019	102977483	A	0.06734	0.06205	3.12E-01	1.09 (0.92-1.29)	A	0.0692	0.06205	2.22E-01	1.12 (0.93-1.36)	A	0.06834	0.0621	3.03E-01	1.11 (0.91-1.35)
rs11931658	102985915	G	0.3287	0.3632	**6.63E-04**	0.86 (0.79-0.94)	G	0.3383	0.3632	**2.90E-02**	0.9 (0.81-0.99)	G	0.3414	0.3632	6.82E-02	0.91 (0.82-1.01)
rs12498977	102988700	A	0.06448	0.06222	6.62E-01	1.04 (0.88-1.23)	A	0.06335	0.06222	8.44E-01	1.02 (0.84-1.24)	A	0.06266	0.0622	9.41E-01	1.01 (0.82-1.23)
rs4698977[b]	103006446	T	0.3647	0.4065	**5.62E-05**	0.84 (0.77-0.91)	T	0.3733	0.4065	**4.39E-03**	0.87 (0.79-0.96)	T	0.3729	0.4065	**5.92E-03**	0.87 (0.79-0.96)
rs12331849	103009841	A	0.4232	0.4638	**1.29E-04**	0.85 (0.78-0.92)	A	0.4338	0.4638	**1.17E-02**	0.89 (0.81-0.97)	A	0.4333	0.4638	**1.42E-02**	0.88 (0.8-0.98)
rs3733197	103058310	A	0.3428	0.3711	**5.69E-03**	0.88 (0.81-0.96)	A	0.3459	0.3711	**2.84E-02**	0.9 (0.81-0.99)	A	0.3461	0.3711	**3.70E-02**	0.9 (0.81-0.99)
rs10014485	103058902	G	0.1003	0.09864	7.99E-01	1.02 (0.89-1.17)	G	0.101	0.09864	7.42E-01	1.03 (0.88-1.2)	G	0.1037	0.0986	4.98E-01	1.06 (0.9-1.24)
rs12331595	103068242	A	0.4532	0.4874	**1.31E-03**	0.87 (0.8-0.95)	A	0.4613	0.4874	**2.86E-02**	0.9 (0.82-0.99)	A	0.4585	0.4874	**2.05E-02**	0.89 (0.81-0.98)
rs17208914	103073413	G	0.4685	0.4436	**1.87E-02**	1.11 (1.02-1.2)	G	0.4617	0.4436	1.28E-01	1.08 (0.98-1.18)	G	0.4633	0.4436	1.12E-01	1.08 (0.98-1.19)
rs13125328	103074133	C	0.1032	0.1111	2.31E-01	0.92 (0.8-1.05)	C	0.09992	0.1111	1.30E-01	0.89 (0.76-1.04)	C	0.1034	0.1111	3.20E-01	0.92 (0.79-1.08)
rs2850374	103112346	C	0.1104	0.116	4.05E-01	0.95 (0.83-1.08)	C	0.1162	0.116	9.79E-01	1 (0.87-1.16)	C	0.1129	0.116	6.98E-01	0.97 (0.83-1.13)
rs2850377	103131182	A	0.4174	0.438	5.11E-02	0.92 (0.85-1)	A	0.4186	0.438	1.02E-01	0.92 (0.84-1.02)	A	0.4195	0.438	1.34E-01	0.93 (0.84-1.02)
rs2851318	103134691	T	0.1118	0.1177	3.85E-01	0.94 (0.83-1.08)	T	0.1176	0.1177	9.91E-01	1 (0.86-1.16)	T	0.1154	0.1177	7.73E-01	0.98 (0.84-1.14)
rs2631268	103167753	A	0.2824	0.2655	7.38E-02	1.09 (0.99-1.2)	A	0.2795	0.2655	1.86E-01	1.07 (0.97-1.19)	A	0.2736	0.2655	4.62E-01	1.04 (0.93-1.16)
rs7685012	103168014	G	0.1126	0.1107	7.69E-01	1.02 (0.89-1.16)	G	0.112	0.1107	8.60E-01	1.01 (0.87-1.18)	G	0.1125	0.1107	8.20E-01	1.02 (0.87-1.19)
rs10516491	103171889	G	0.02035	0.02093	8.49E-01	0.97 (0.72-1.3)	G	0.01935	0.02093	6.39E-01	0.92 (0.66-1.29)	G	0.01945	0.0209	6.75E-01	0.93 (0.65-1.32)
rs2658529	103183468	G	0.115	0.1007	**2.97E-02**	1.16 (1.02-1.33)	G	0.1104	0.1007	1.82E-01	1.11 (0.95-1.29)	G	0.1137	0.1007	8.88E-02	1.15 (0.98-1.34)
rs3113676	103184066	A	0.01163	0.01471	2.09E-01	0.79 (0.54-1.14)	A	0.0129	0.01471	5.20E-01	0.88 (0.58-1.31)	A	0.01296	0.0147	5.54E-01	0.88 (0.58-1.35)
rs3113677	103189210	A	0.05147	0.06127	**4.80E-02**	0.83 (0.69-1)	A	0.05376	0.06127	1.83E-01	0.87 (0.71-1.07)	A	0.05298	0.0613	1.59E-01	0.86 (0.69-1.06)
rs12649238	103193010	C	0.193	0.18	1.16E-01	1.09 (0.98-1.21)	C	0.1902	0.18	2.70E-01	1.07 (0.95-1.21)	C	0.1851	0.18	5.95E-01	1.04 (0.91-1.17)
rs10516489	103193382	A	0.3997	0.3993	9.68E-01	1 (0.92-1.09)	A	0.3979	0.3993	9.01E-01	0.99 (0.9-1.09)	A	0.4067	0.3993	5.48E-01	1.03 (0.93-1.14)
rs7692330	103216356	A	0.0624	0.06957	1.77E-01	0.89 (0.75-1.05)	A	0.06682	0.06957	6.48E-01	0.96 (0.8-1.15)	A	0.06531	0.0696	4.98E-01	0.93 (0.77-1.14)
rs6816285	103218632	A	0.412	0.4306	7.70E-02	0.93 (0.85-1.01)	A	0.4169	0.4306	2.46E-01	0.95 (0.86-1.04)	A	0.4144	0.4306	1.90E-01	0.94 (0.85-1.03)
rs1813006	103220672	A	0.05946	0.06618	1.95E-01	0.89 (0.75-1.06)	A	0.06032	0.06618	3.16E-01	0.91 (0.75-1.1)	A	0.06137	0.0662	4.33E-01	0.92 (0.75-1.13)
rs173218	103242072	A	0.1929	0.1786	8.20E-02	1.1 (0.99-1.22)	A	0.1893	0.1786	2.43E-01	1.07 (0.95-1.21)	A	0.1832	0.1786	6.25E-01	1.03 (0.91-1.17)
rs236768	103295006	G	0.1918	0.1799	1.51E-01	1.08 (0.97-1.2)	G	0.1858	0.1799	5.24E-01	1.04 (0.92-1.17)	G	0.1814	0.1799	8.80E-01	1.01 (0.89-1.15)

Abbreviation: SNP, Single Nuclear Polymorphism; BP, Base Position; MAF Case, Minor Allele Frequency in cases; MAF Control, Minor Allele Frequency in Controls; P, p-value; OR, Odds Ratio; C.I., Confidence Interval

[b]SNPs rs17266594, rs10516487, and rs4698977 are partially imputed as described in the Materials and Methods section.

[+] (# cases/# controls)

Supplemental Table3b. Detailed results from subsetting association analysis using 10 ACR clinical criteria to stratify SLE cases.

		No subsetting (1892/2652)[+]					*Discoid Rash (354/2652)*					*Malar Rash (886/2652)*				
SNP	*BP*	*Minor Allele*	*MAF Case*	*MAF Control*	*P*	*OR (95% C.I.)*	*Minor Allele*	*MAF Case*	*MAF Control*	*P*	*OR (95% C.I.)*	*Minor Allele*	*MAF Case*	*MAF Control*	*P*	*OR (95% C.I.)*
rs4632664	102911688	A	0.06323	0.06738	4.31E-01	0.93 (0.79-1.11)	A	0.06215	0.06738	6.00E-01	0.92 (0.66-1.27)	A	0.06271	0.0674	4.94E-01	0.93 (0.74-1.15)
rs17199964	102926814	A	0.07373	0.08503	5.08E-02	0.86 (0.73-1)	A	0.0791	0.08503	5.94E-01	0.92 (0.69-1.24)	A	0.08014	0.085	5.20E-01	0.94 (0.77-1.14)
rs4371620	102927258	G	0.1936	0.2156	**1.08E-02**	0.87 (0.79-0.97)	G	0.2074	0.2156	6.17E-01	0.95 (0.78-1.16)	G	0.2016	0.2156	2.11E-01	0.92 (0.8-1.05)
rs11097755	102928331	G	0.4407	0.454	2.10E-01	0.95 (0.87-1.03)	G	0.4633	0.454	6.41E-01	1.04 (0.89-1.22)	G	0.4514	0.454	8.48E-01	0.99 (0.89-1.1)
rs4699258	102929711	A	0.2968	0.3326	**3.09E-04**	0.85 (0.77-0.93)	A	0.3258	0.3326	7.19E-01	0.97 (0.82-1.15)	A	0.3071	0.3326	**4.81E-02**	0.89 (0.79-1)
rs9998865	102936169	C	0.1007	0.1018	8.68E-01	0.99 (0.86-1.14)	C	0.0904	0.1018	3.43E-01	0.88 (0.67-1.15)	C	0.0965	0.1018	5.20E-01	0.94 (0.79-1.13)
rs7656409	102943428	A	0.3977	0.4338	**5.85E-04**	0.86 (0.79-0.94)	A	0.4167	0.4338	3.87E-01	0.93 (0.8-1.09)	A	0.4069	0.4338	**4.72E-02**	0.9 (0.8-1)
rs6833249	102945096	A	0.0981	0.09936	8.42E-01	0.99 (0.86-1.13)	A	0.08757	0.09936	3.22E-01	0.87 (0.66-1.15)	A	0.09492	0.0994	5.87E-01	0.95 (0.79-1.14)
rs4572885	102954536	T	0.3694	0.396	**1.01E-02**	0.89 (0.82-0.97)	T	0.387	0.396	6.44E-01	0.96 (0.82-1.13)	T	0.3718	0.396	6.97E-02	0.9 (0.81-1.01)
rs17266594[b]	102969945	C	0.2891	0.3309	**2.32E-05**	0.82 (0.75-0.9)	C	0.3121	0.3309	3.19E-01	0.92 (0.78-1.09)	C	0.298	0.3309	**1.03E-02**	0.86 (0.76-0.96)
rs10516487[b]	102970099	T	0.2896	0.3309	**2.95E-05**	0.82 (0.75-0.9)	T	0.3121	0.3309	3.19E-01	0.92 (0.78-1.09)	T	0.298	0.3309	**1.03E-02**	0.86 (0.76-0.96)
rs10516486	102970299	A	0.3562	0.3929	**3.84E-04**	0.86 (0.78-0.93)	A	0.3701	0.3929	2.43E-01	0.91 (0.77-1.07)	A	0.3663	0.3929	**4.63E-02**	0.89 (0.8-1)
rs1469019	102977483	A	0.06734	0.06205	3.12E-01	1.09 (0.92-1.29)	A	0.05949	0.06205	7.91E-01	0.96 (0.69-1.33)	A	0.06893	0.0621	3.05E-01	1.12 (0.9-1.39)
rs11931658	102985915	G	0.3287	0.3632	**6.63E-04**	0.86 (0.79-0.94)	G	0.3503	0.3632	5.01E-01	0.95 (0.8-1.11)	G	0.3508	0.3632	3.48E-01	0.95 (0.85-1.06)
rs12498977	102988700	A	0.06448	0.06222	6.62E-01	1.04 (0.88-1.23)	A	0.05508	0.06222	4.58E-01	0.88 (0.62-1.24)	A	0.06208	0.0622	9.83E-01	1 (0.8-1.25)
rs4698977[b]	103006446	T	0.3647	0.4065	**5.62E-05**	0.84 (0.77-0.91)	T	0.3955	0.4065	5.75E-01	0.96 (0.81-1.12)	T	0.3843	0.4065	9.92E-02	0.91 (0.82-1.02)
rs12331849	103009841	A	0.4232	0.4638	**1.29E-04**	0.85 (0.78-0.92)	A	0.4449	0.4638	3.45E-01	0.93 (0.79-1.09)	A	0.4451	0.4638	1.72E-01	0.93 (0.83-1.03)
rs3733197	103058310	A	0.3428	0.3711	**5.69E-03**	0.88 (0.81-0.96)	A	0.3743	0.3711	8.68E-01	1.01 (0.86-1.19)	A	0.3603	0.3711	4.15E-01	0.95 (0.85-1.07)
rs10014485	103058902	G	0.1003	0.09864	7.99E-01	1.02 (0.89-1.17)	G	0.1186	0.09864	9.71E-02	1.23 (0.96-1.57)	G	0.1	0.0986	8.68E-01	1.02 (0.85-1.22)
rs12331595	103068242	A	0.4532	0.4874	**1.31E-03**	0.87 (0.8-0.95)	A	0.4746	0.4874	5.23E-01	0.95 (0.81-1.11)	A	0.4723	0.4874	2.74E-01	0.94 (0.85-1.05)
rs17208914	103073413	G	0.4685	0.4436	**1.87E-02**	1.11 (1.02-1.2)	G	0.459	0.4436	4.37E-01	1.06 (0.91-1.25)	G	0.4543	0.4436	4.33E-01	1.04 (0.94-1.16)
rs13125328	103074133	C	0.1032	0.1111	2.31E-01	0.92 (0.8-1.05)	C	0.1201	0.1111	4.78E-01	1.09 (0.86-1.39)	C	0.1033	0.1111	3.61E-01	0.92 (0.77-1.1)
rs2850374	103112346	C	0.1104	0.116	4.05E-01	0.95 (0.83-1.08)	C	0.1031	0.116	3.10E-01	0.88 (0.68-1.13)	C	0.1133	0.116	7.51E-01	0.97 (0.82-1.15)
rs2850377	103131182	A	0.4174	0.438	5.11E-02	0.92 (0.85-1)	A	0.435	0.438	8.82E-01	0.99 (0.84-1.16)	A	0.4299	0.438	5.52E-01	0.97 (0.87-1.08)
rs2851318	103134691	T	0.1118	0.1177	3.85E-01	0.94 (0.83-1.08)	T	0.1017	0.1177	2.12E-01	0.85 (0.66-1.1)	T	0.114	0.1177	6.75E-01	0.96 (0.81-1.14)
rs2631268	103167753	A	0.2824	0.2655	7.38E-02	1.09 (0.99-1.2)	A	0.2422	0.2655	1.87E-01	0.88 (0.74-1.06)	A	0.2593	0.2655	6.11E-01	0.97 (0.86-1.1)
rs7685012	103168014	G	0.1126	0.1107	7.69E-01	1.02 (0.89-1.16)	G	0.09463	0.1107	1.98E-01	0.84 (0.64-1.1)	G	0.1051	0.1107	5.14E-01	0.94 (0.79-1.12)
rs10516491	103171889	G	0.02035	0.02093	8.49E-01	0.97 (0.72-1.3)	G	0.01836	0.02093	6.52E-01	0.88 (0.49-1.56)	G	0.01862	0.0209	5.52E-01	0.89 (0.6-1.31)
rs2658529	103183468	G	0.115	0.1007	**2.97E-02**	1.16 (1.02-1.33)	G	0.09746	0.1007	7.89E-01	0.96 (0.74-1.26)	G	0.1084	0.1007	3.57E-01	1.09 (0.91-1.29)
rs3113676	103184066	A	0.01163	0.01471	2.09E-01	0.79 (0.54-1.14)	A	0.01412	0.01471	9.04E-01	0.96 (0.49-1.86)	A	0.01411	0.0147	8.56E-01	0.96 (0.61-1.51)
rs3113677	103189210	A	0.05147	0.06127	**4.80E-02**	0.83 (0.69-1)	A	0.05949	0.06127	8.53E-01	0.97 (0.7-1.35)	A	0.04983	0.0613	7.72E-02	0.8 (0.63-1.03)
rs12649238	103193010	C	0.193	0.18	1.16E-01	1.09 (0.98-1.21)	C	0.1742	0.18	7.06E-01	0.96 (0.78-1.18)	C	0.1814	0.18	8.99E-01	1.01 (0.88-1.16)
rs10516489	103193382	A	0.3997	0.3993	9.68E-01	1 (0.92-1.09)	A	0.4054	0.3993	7.58E-01	1.03 (0.87-1.2)	A	0.3916	0.3993	5.68E-01	0.97 (0.87-1.08)
rs7692330	103216356	A	0.0624	0.06957	1.77E-01	0.89 (0.75-1.05)	A	0.05932	0.06957	3.10E-01	0.84 (0.61-1.17)	A	0.06377	0.0696	4.01E-01	0.91 (0.73-1.13)
rs6816285	103218632	A	0.412	0.4306	7.70E-02	0.93 (0.85-1.01)	A	0.4195	0.4306	5.75E-01	0.96 (0.82-1.12)	A	0.4312	0.4306	9.67E-01	1 (0.9-1.12)
rs1813006	103220672	A	0.05946	0.06618	1.95E-01	0.89 (0.75-1.06)	A	0.06215	0.06618	6.84E-01	0.94 (0.68-1.29)	A	0.06208	0.0662	5.45E-01	0.93 (0.75-1.17)
rs173218	103242072	A	0.1929	0.1786	8.20E-02	1.1 (0.99-1.22)	A	0.1723	0.1786	6.83E-01	0.96 (0.78-1.18)	A	0.1817	0.1786	7.64E-01	1.02 (0.89-1.18)
rs236768	103295006	G	0.1918	0.1799	1.51E-01	1.08 (0.97-1.2)	G	0.178	0.1799	8.98E-01	0.99 (0.8-1.21)	G	0.1774	0.1799	8.10E-01	0.98 (0.85-1.13)

Abbreviation: SNP, Single Nuclear Polymorphism; BP, Base Position; MAF Case, Minor Allele Frequency in cases; MAF Control, Minor Allele Frequency in Controls; P, p-value; OR, Odds Ratio; C.I., Confidence Interval

[b]SNPs rs17266594, rs10516487, and rs4698977 are partially imputed as described in the Materials and Methods section.

[+] (# cases/# controls)

Supplemental Table3c. Detailed results from subsetting association analysis using 10 ACR clinical criteria to stratify SLE cases.

		No subsetting (1892/2652)[+]					*Hematological Disorders (591/2652)*					*Immunological Disorders (843/2652)*				
SNP	*BP*	*Minor Allele*	*MAF Case*	*MAF Control*	*P*	*OR (95% C.I.)*	*Minor Allele*	*MAF Case*	*MAF Control*	*P*	*OR (95% C.I.)*	*Minor Allele*	*MAF Case*	*MAF Control*	*P*	*OR (95% C.I.)*
rs4632664	102911688	A	0.06323	0.06738	4.31E-01	0.93 (0.79-1.11)	A	0.0643	0.06738	7.01E-01	0.95 (0.74-1.23)	A	0.06295	0.0674	5.24E-01	0.93 (0.74-1.16)
rs17199964	102926814	A	0.07373	0.08503	5.08E-02	0.86 (0.73-1)	A	0.07191	0.08503	1.39E-01	0.83 (0.66-1.06)	A	0.07295	0.085	1.16E-01	0.85 (0.69-1.04)
rs4371620	102927258	G	0.1936	0.2156	**1.08E-02**	0.87 (0.79-0.97)	G	0.1969	0.2156	1.56E-01	0.89 (0.76-1.05)	G	0.1933	0.2156	5.07E-02	0.87 (0.76-1)
rs11097755	102928331	G	0.4407	0.454	2.10E-01	0.95 (0.87-1.03)	G	0.4459	0.454	6.12E-01	0.97 (0.85-1.1)	G	0.4494	0.454	7.43E-01	0.98 (0.88-1.1)
rs4699258	102929711	A	0.2968	0.3326	**3.09E-04**	0.85 (0.77-0.93)	A	0.3051	0.3326	6.88E-02	0.88 (0.77-1.01)	A	0.2797	0.3326	**5.04E-05**	0.78 (0.69-0.88)
rs9998865	102936169	C	0.1007	0.1018	8.68E-01	0.99 (0.86-1.14)	C	0.09306	0.1018	3.65E-01	0.91 (0.73-1.12)	C	0.1097	0.1018	3.53E-01	1.09 (0.91-1.3)
rs7656409	102943428	A	0.3977	0.4338	**5.85E-04**	0.86 (0.79-0.94)	A	0.4019	0.4338	**4.46E-02**	0.88 (0.77-1)	A	0.3921	0.4338	**2.50E-03**	0.84 (0.75-0.94)
rs6833249	102945096	A	0.0981	0.09936	8.42E-01	0.99 (0.86-1.13)	A	0.09306	0.09936	5.11E-01	0.93 (0.75-1.15)	A	0.1085	0.0994	2.77E-01	1.1 (0.92-1.32)
rs4572885	102954536	T	0.3694	0.396	**1.01E-02**	0.89 (0.82-0.97)	T	0.3839	0.396	4.40E-01	0.95 (0.83-1.08)	T	0.3545	0.396	**2.30E-03**	0.84 (0.75-0.94)
rs17266594[b]	102969945	C	0.2891	0.3309	**2.32E-05**	0.82 (0.75-0.9)	C	0.3063	0.3309	1.03E-01	0.89 (0.78-1.02)	C	0.2722	0.3309	**6.53E-06**	0.76 (0.67-0.85)
rs10516487[b]	102970099	T	0.2896	0.3309	**2.95E-05**	0.82 (0.75-0.9)	T	0.3063	0.3309	1.03E-01	0.89 (0.78-1.02)	T	0.2722	0.3309	**6.53E-06**	0.76 (0.67-0.85)
rs10516486	102970299	A	0.3562	0.3929	**3.84E-04**	0.86 (0.78-0.93)	A	0.3714	0.3929	1.71E-01	0.91 (0.8-1.04)	A	0.3422	0.3929	**1.91E-04**	0.8 (0.72-0.9)
rs1469019	102977483	A	0.06734	0.06205	3.12E-01	1.09 (0.92-1.29)	A	0.06633	0.06205	5.85E-01	1.07 (0.83-1.39)	A	0.07083	0.0621	2.01E-01	1.15 (0.93-1.43)
rs11931658	102985915	G	0.3287	0.3632	**6.63E-04**	0.86 (0.79-0.94)	G	0.348	0.3632	3.27E-01	0.94 (0.82-1.07)	G	0.3256	0.3632	**4.97E-03**	0.85 (0.75-0.95)
rs12498977	102988700	A	0.06448	0.06222	6.62E-01	1.04 (0.88-1.23)	A	0.06176	0.06222	9.53E-01	0.99 (0.76-1.29)	A	0.06643	0.0622	5.36E-01	1.07 (0.86-1.34)
rs4698977[b]	103006446	T	0.3647	0.4065	**5.62E-05**	0.84 (0.77-0.91)	T	0.379	0.4065	8.15E-02	0.89 (0.78-1.02)	T	0.3553	0.4065	**1.78E-04**	0.8 (0.72-0.9)
rs12331849	103009841	A	0.4232	0.4638	**1.29E-04**	0.85 (0.78-0.92)	A	0.4389	0.4638	1.21E-01	0.9 (0.8-1.03)	A	0.419	0.4638	**1.33E-03**	0.83 (0.75-0.93)
rs3733197	103058310	A	0.3428	0.3711	**5.69E-03**	0.88 (0.81-0.96)	A	0.3492	0.3711	1.60E-01	0.91 (0.8-1.04)	A	0.3319	0.3711	**3.68E-03**	0.84 (0.75-0.95)
rs10014485	103058902	G	0.1003	0.09864	7.99E-01	1.02 (0.89-1.17)	G	0.08714	0.09864	2.26E-01	0.87 (0.7-1.09)	G	0.1015	0.0986	7.29E-01	1.03 (0.86-1.24)
rs12331595	103068242	A	0.4532	0.4874	**1.31E-03**	0.87 (0.8-0.95)	A	0.467	0.4874	2.05E-01	0.92 (0.81-1.05)	A	0.4466	0.4874	**3.53E-03**	0.85 (0.76-0.95)
rs17208914	103073413	G	0.4685	0.4436	**1.87E-02**	1.11 (1.02-1.2)	G	0.4542	0.4436	5.06E-01	1.04 (0.92-1.19)	G	0.4709	0.4436	**4.97E-02**	1.12 (1-1.25)
rs13125328	103074133	C	0.1032	0.1111	2.31E-01	0.92 (0.8-1.05)	C	0.1	0.1111	2.69E-01	0.89 (0.72-1.1)	C	0.08859	0.1111	**8.90E-03**	0.78 (0.64-0.94)
rs2850374	103112346	C	0.1104	0.116	4.05E-01	0.95 (0.83-1.08)	C	0.119	0.116	7.71E-01	1.03 (0.85-1.25)	C	0.1168	0.116	9.32E-01	1.01 (0.85-1.2)
rs2850377	103131182	A	0.4174	0.438	5.11E-02	0.92 (0.85-1)	A	0.4228	0.438	3.41E-01	0.94 (0.83-1.07)	A	0.409	0.438	**3.68E-02**	0.89 (0.79-0.99)
rs2851318	103134691	T	0.1118	0.1177	3.85E-01	0.94 (0.83-1.08)	T	0.1201	0.1177	8.14E-01	1.02 (0.84-1.24)	T	0.1192	0.1177	8.66E-01	1.02 (0.86-1.2)
rs2631268	103167753	A	0.2824	0.2655	7.38E-02	1.09 (0.99-1.2)	A	0.291	0.2655	7.35E-02	1.14 (0.99-1.31)	A	0.2923	0.2655	**3.15E-02**	1.14 (1.01-1.29)
rs7685012	103168014	G	0.1126	0.1107	7.69E-01	1.02 (0.89-1.16)	G	0.111	0.1107	9.73E-01	1 (0.82-1.23)	G	0.1134	0.1107	7.55E-01	1.03 (0.86-1.22)
rs10516491	103171889	G	0.02035	0.02093	8.49E-01	0.97 (0.72-1.3)	G	0.02115	0.02093	9.61E-01	1.01 (0.65-1.57)	G	0.02195	0.0209	8.00E-01	1.05 (0.72-1.53)
rs2658529	103183468	G	0.115	0.1007	**2.97E-02**	1.16 (1.02-1.33)	G	0.11	0.1007	3.40E-01	1.1 (0.9-1.35)	G	0.1168	0.1007	5.88E-02	1.18 (0.99-1.41)
rs3113676	103184066	A	0.01163	0.01471	2.09E-01	0.79 (0.54-1.14)	A	0.01438	0.01471	9.33E-01	0.98 (0.58-1.66)	A	0.01305	0.0147	6.18E-01	0.89 (0.55-1.43)
rs3113677	103189210	A	0.05147	0.06127	**4.80E-02**	0.83 (0.69-1)	A	0.04538	0.06127	**3.60E-02**	0.73 (0.54-0.98)	A	0.05156	0.0613	1.42E-01	0.83 (0.65-1.06)
rs12649238	103193010	C	0.193	0.18	1.16E-01	1.09 (0.98-1.21)	C	0.1997	0.18	1.15E-01	1.14 (0.97-1.33)	C	0.2017	0.18	**4.63E-02**	1.15 (1-1.32)
rs10516489	103193382	A	0.3997	0.3993	9.68E-01	1 (0.92-1.09)	A	0.3985	0.3993	9.57E-01	1 (0.88-1.13)	A	0.4004	0.3993	9.40E-01	1 (0.9-1.12)
rs7692330	103216356	A	0.0624	0.06957	1.77E-01	0.89 (0.75-1.05)	A	0.05678	0.06957	1.13E-01	0.81 (0.62-1.05)	A	0.06168	0.0696	2.62E-01	0.88 (0.7-1.1)
rs6816285	103218632	A	0.412	0.4306	7.70E-02	0.93 (0.85-1.01)	A	0.4078	0.4306	1.52E-01	0.91 (0.8-1.04)	A	0.4069	0.4306	8.62E-02	0.91 (0.81-1.01)
rs1813006	103220672	A	0.05946	0.06618	1.95E-01	0.89 (0.75-1.06)	A	0.06091	0.06618	5.08E-01	0.92 (0.7-1.19)	A	0.05991	0.0662	3.62E-01	0.9 (0.72-1.13)
rs173218	103242072	A	0.1929	0.1786	8.20E-02	1.1 (0.99-1.22)	A	0.2005	0.1786	7.73E-02	1.15 (0.98-1.35)	A	0.1999	0.1786	**4.89E-02**	1.15 (1-1.32)
rs236768	103295006	G	0.1918	0.1799	1.51E-01	1.08 (0.97-1.2)	G	0.1971	0.1799	1.67E-01	1.12 (0.95-1.31)	G	0.1942	0.1799	1.88E-01	1.1 (0.96-1.26)

Abbreviation: SNP, Single Nuclear Polymorphism; BP, Base Position; MAF Case, Minor Allele Frequency in cases; MAF Control, Minor Allele Frequency in Controls; P, p-value; OR, Odds Ratio; C.I., Confidence Interval

[b]SNPs rs17266594, rs10516487, and rs4698977 are partially imputed as described in the Materials and Methods section.

[+] (# cases/# controls)

Supplemental Table3d. Detailed results from subsetting association analysis using 10 ACR clinical criteria to stratify SLE cases.

		No subsetting (1892/2652)[+]					*Neurological Disorders (207/2652)*					*Renal Involvement (425/2652)*				
SNP	*BP*	*Minor Allele*	*MAF Case*	*MAF Control*	*P*	*OR (95% C.I.)*	*Minor Allele*	*MAF Case*	*MAF Control*	*P*	*OR (95% C.I.)*	*Minor Allele*	*MAF Case*	*MAF Control*	*P*	*OR (95% C.I.)*
rs4632664	102911688	A	0.06323	0.06738	4.31E-01	0.93 (0.79-1.11)	A	0.04831	0.06738	1.32E-01	0.7 (0.44-1.12)	A	0.06501	0.0674	7.98E-01	0.96 (0.72-1.29)
rs17199964	102926814	A	0.07373	0.08503	5.08E-02	0.86 (0.73-1)	A	0.06522	0.08503	1.61E-01	0.75 (0.5-1.12)	A	0.06824	0.085	9.89E-02	0.79 (0.59-1.05)
rs4371620	102927258	G	0.1936	0.2156	**1.08E-02**	0.87 (0.79-0.97)	G	0.1814	0.2156	1.04E-01	0.81 (0.62-1.05)	G	0.1841	0.2156	**3.73E-02**	0.82 (0.68-0.99)
rs11097755	102928331	G	0.4407	0.454	2.10E-01	0.95 (0.87-1.03)	G	0.4417	0.454	6.31E-01	0.95 (0.78-1.17)	G	0.4399	0.454	4.43E-01	0.94 (0.82-1.09)
rs4699258	102929711	A	0.2968	0.3326	**3.09E-04**	0.85 (0.77-0.93)	A	0.2874	0.3326	5.98E-02	0.81 (0.65-1.01)	A	0.3024	0.3326	8.15E-02	0.87 (0.74-1.02)
rs9998865	102936169	C	0.1007	0.1018	8.68E-01	0.99 (0.86-1.14)	C	0.1014	0.1018	9.81E-01	1 (0.72-1.39)	C	0.09765	0.1018	7.09E-01	0.95 (0.75-1.22)
rs7656409	102943428	A	0.3977	0.4338	**5.85E-04**	0.86 (0.79-0.94)	A	0.3913	0.4338	9.24E-02	0.84 (0.68-1.03)	A	0.4024	0.4338	8.53E-02	0.88 (0.76-1.02)
rs6833249	102945096	A	0.0981	0.09936	8.42E-01	0.99 (0.86-1.13)	A	0.09903	0.09936	9.83E-01	1 (0.71-1.39)	A	0.09647	0.0994	7.94E-01	0.97 (0.76-1.24)
rs4572885	102954536	T	0.3694	0.396	**1.01E-02**	0.89 (0.82-0.97)	T	0.3599	0.396	1.47E-01	0.86 (0.7-1.06)	T	0.3797	0.396	3.66E-01	0.93 (0.8-1.08)
rs17266594[b]	102969945	C	0.2891	0.3309	**2.32E-05**	0.82 (0.75-0.9)	C	0.2705	0.3309	**1.17E-02**	0.75 (0.6-0.94)	C	0.2835	0.3309	**6.18E-03**	0.8 (0.68-0.94)
rs10516487[b]	102970099	T	0.2896	0.3309	**2.95E-05**	0.82 (0.75-0.9)	T	0.2705	0.3309	**1.17E-02**	0.75 (0.6-0.94)	T	0.2835	0.3309	**6.18E-03**	0.8 (0.68-0.94)
rs10516486	102970299	A	0.3562	0.3929	**3.84E-04**	0.86 (0.78-0.93)	A	0.3478	0.3929	7.03E-02	0.82 (0.67-1.02)	A	0.3541	0.3929	**3.13E-02**	0.85 (0.73-0.99)
rs1469019	102977483	A	0.06734	0.06205	3.12E-01	1.09 (0.92-1.29)	A	0.07971	0.06205	1.55E-01	1.31 (0.9-1.9)	A	0.07092	0.0621	3.25E-01	1.15 (0.87-1.54)
rs11931658	102985915	G	0.3287	0.3632	**6.63E-04**	0.86 (0.79-0.94)	G	0.3113	0.3632	**3.52E-02**	0.79 (0.64-0.98)	G	0.3543	0.3632	6.16E-01	0.96 (0.83-1.12)
rs12498977	102988700	A	0.06448	0.06222	6.62E-01	1.04 (0.88-1.23)	A	0.06522	0.06222	8.08E-01	1.05 (0.7-1.58)	A	0.06471	0.0622	7.81E-01	1.04 (0.78-1.4)
rs4698977[b]	103006446	T	0.3647	0.4065	**5.62E-05**	0.84 (0.77-0.91)	T	0.3599	0.4065	6.28E-02	0.82 (0.67-1.01)	T	0.3753	0.4065	8.51E-02	0.88 (0.76-1.02)
rs12331849	103009841	A	0.4232	0.4638	**1.29E-04**	0.85 (0.78-0.92)	A	0.4227	0.4638	1.06E-01	0.85 (0.69-1.04)	A	0.4387	0.4638	1.73E-01	0.9 (0.78-1.05)
rs3733197	103058310	A	0.3428	0.3711	**5.69E-03**	0.88 (0.81-0.96)	A	0.3204	0.3711	**3.98E-02**	0.8 (0.64-0.99)	A	0.367	0.3711	8.19E-01	0.98 (0.85-1.14)
rs10014485	103058902	G	0.1003	0.09864	7.99E-01	1.02 (0.89-1.17)	G	0.08696	0.09864	4.41E-01	0.87 (0.61-1.24)	G	0.09647	0.0986	8.44E-01	0.98 (0.76-1.25)
rs12331595	103068242	A	0.4532	0.4874	**1.31E-03**	0.87 (0.8-0.95)	A	0.4444	0.4874	9.24E-02	0.84 (0.69-1.03)	A	0.4753	0.4874	5.13E-01	0.95 (0.82-1.1)
rs17208914	103073413	G	0.4685	0.4436	**1.87E-02**	1.11 (1.02-1.2)	G	0.4563	0.4436	6.17E-01	1.05 (0.86-1.29)	G	0.4564	0.4436	4.87E-01	1.05 (0.91-1.22)
rs13125328	103074133	C	0.1032	0.1111	2.31E-01	0.92 (0.8-1.05)	C	0.1111	0.1111	9.99E-01	1 (0.73-1.38)	C	0.1017	0.1111	4.15E-01	0.91 (0.71-1.15)
rs2850374	103112346	C	0.1104	0.116	4.05E-01	0.95 (0.83-1.08)	C	0.128	0.116	4.65E-01	1.12 (0.83-1.51)	C	0.1078	0.116	4.87E-01	0.92 (0.73-1.16)
rs2850377	103131182	A	0.4174	0.438	5.11E-02	0.92 (0.85-1)	A	0.4126	0.438	3.18E-01	0.9 (0.74-1.11)	A	0.4328	0.438	7.77E-01	0.98 (0.85-1.13)
rs2851318	103134691	T	0.1118	0.1177	3.85E-01	0.94 (0.83-1.08)	T	0.1256	0.1177	6.31E-01	1.08 (0.8-1.46)	T	0.1082	0.1177	4.25E-01	0.91 (0.72-1.15)
rs2631268	103167753	A	0.2824	0.2655	7.38E-02	1.09 (0.99-1.2)	A	0.2718	0.2655	7.78E-01	1.03 (0.82-1.29)	A	0.3042	0.2655	**1.83E-02**	1.21 (1.03-1.42)
rs7685012	103168014	G	0.1126	0.1107	7.69E-01	1.02 (0.89-1.16)	G	0.1135	0.1107	8.59E-01	1.03 (0.75-1.41)	G	0.1344	0.1107	**4.32E-02**	1.25 (1.01-1.55)
rs10516491	103171889	G	0.02035	0.02093	8.49E-01	0.97 (0.72-1.3)	G	0.02415	0.02093	6.60E-01	1.16 (0.6-2.23)	G	0.02235	0.0209	7.89E-01	1.07 (0.65-1.75)
rs2658529	103183468	G	0.115	0.1007	**2.97E-02**	1.16 (1.02-1.33)	G	0.1087	0.1007	6.03E-01	1.09 (0.79-1.5)	G	0.1141	0.1007	2.31E-01	1.15 (0.91-1.45)
rs3113676	103184066	A	0.01163	0.01471	2.09E-01	0.79 (0.54-1.14)	A	0.00966	0.01471	4.06E-01	0.65 (0.24-1.79)	A	0.00471	0.0147	**1.83E-02**	0.32 (0.12-0.87)
rs3113677	103189210	A	0.05147	0.06127	**4.80E-02**	0.83 (0.69-1)	A	0.04926	0.06127	3.28E-01	0.79 (0.5-1.26)	A	0.03469	0.0613	**2.18E-03**	0.55 (0.37-0.81)
rs12649238	103193010	C	0.193	0.18	1.16E-01	1.09 (0.98-1.21)	C	0.1932	0.18	5.01E-01	1.09 (0.85-1.41)	C	0.2005	0.18	1.53E-01	1.14 (0.95-1.37)
rs10516489	103193382	A	0.3997	0.3993	9.68E-01	1 (0.92-1.09)	A	0.3937	0.3993	8.23E-01	0.98 (0.8-1.2)	A	0.4012	0.3993	9.18E-01	1.01 (0.87-1.17)
rs7692330	103216356	A	0.0624	0.06957	1.77E-01	0.89 (0.75-1.05)	A	0.06039	0.06957	4.77E-01	0.86 (0.57-1.31)	A	0.05176	0.0696	5.41E-02	0.73 (0.53-1.01)
rs6816285	103218632	A	0.412	0.4306	7.70E-02	0.93 (0.85-1.01)	A	0.413	0.4306	4.87E-01	0.93 (0.76-1.14)	A	0.4141	0.4306	3.68E-01	0.93 (0.81-1.08)
rs1813006	103220672	A	0.05946	0.06618	1.95E-01	0.89 (0.75-1.06)	A	0.06522	0.06618	9.40E-01	0.98 (0.66-1.48)	A	0.06706	0.0662	9.24E-01	1.01 (0.76-1.36)
rs173218	103242072	A	0.1929	0.1786	8.20E-02	1.1 (0.99-1.22)	A	0.1957	0.1786	3.83E-01	1.12 (0.87-1.44)	A	0.2	0.1786	1.32E-01	1.15 (0.96-1.38)
rs236768	103295006	G	0.1918	0.1799	1.51E-01	1.08 (0.97-1.2)	G	0.199	0.1799	3.33E-01	1.13 (0.88-1.46)	G	0.1981	0.1799	2.03E-01	1.13 (0.94-1.35)

Abbreviation: SNP, Single Nuclear Polymorphism; BP, Base Position; MAF Case, Minor Allele Frequency in cases; MAF Control, Minor Allele Frequency in Controls; P, p-value; OR, Odds Ratio; C.I., Confidence Interval

[b]SNPs rs17266594, rs10516487, and rs4698977 are partially imputed as described in the Materials and Methods section.

[+] (# cases/# controls)

Supplemental Table3e. Detailed results from subsetting association analysis using 10 ACR clinical criteria to stratify SLE cases.

		No subsetting (1892/2652)[+]					*Photosensitivity (880/2652)*					*Serositis (589/2652)*				
SNP	*BP*	*Minor Allele*	*MAF Case*	*MAF Control*	*P*	*OR (95% C.I.)*	*Minor Allele*	*MAF Case*	*MAF Control*	*P*	*OR (95% C.I.)*	*Minor Allele*	*MAF Case*	*MAF Control*	*P*	*OR (95% C.I.)*
rs4632664	102911688	A	0.06323	0.06738	4.31E-01	0.93 (0.79-1.11)	A	0.06257	0.06738	4.82E-01	0.92 (0.74-1.15)	A	0.05857	0.0674	2.70E-01	0.86 (0.66-1.12)
rs17199964	102926814	A	0.07373	0.08503	5.08E-02	0.86 (0.73-1)	A	0.07955	0.08503	4.72E-01	0.93 (0.76-1.13)	A	0.08149	0.085	6.93E-01	0.95 (0.76-1.2)
rs4371620	102927258	G	0.1936	0.2156	**1.08E-02**	0.87 (0.79-0.97)	G	0.1984	0.2156	1.26E-01	0.9 (0.79-1.03)	G	0.2027	0.2156	3.29E-01	0.92 (0.79-1.08)
rs11097755	102928331	G	0.4407	0.454	2.10E-01	0.95 (0.87-1.03)	G	0.4483	0.454	6.78E-01	0.98 (0.88-1.09)	G	0.4634	0.454	5.56E-01	1.04 (0.92-1.18)
rs4699258	102929711	A	0.2968	0.3326	**3.09E-04**	0.85 (0.77-0.93)	A	0.2978	0.3326	**7.01E-03**	0.85 (0.76-0.96)	A	0.2956	0.3326	**1.44E-02**	0.84 (0.73-0.97)
rs9998865	102936169	C	0.1007	0.1018	8.68E-01	0.99 (0.86-1.14)	C	0.09443	0.1018	3.71E-01	0.92 (0.77-1.11)	C	0.1114	0.1018	3.29E-01	1.11 (0.9-1.35)
rs7656409	102943428	A	0.3977	0.4338	**5.85E-04**	0.86 (0.79-0.94)	A	0.3972	0.4338	**7.01E-03**	0.86 (0.77-0.96)	A	0.4117	0.4338	1.66E-01	0.91 (0.8-1.04)
rs6833249	102945096	A	0.0981	0.09936	8.42E-01	0.99 (0.86-1.13)	A	0.09272	0.09936	4.16E-01	0.93 (0.77-1.11)	A	0.1105	0.0994	2.50E-01	1.13 (0.92-1.38)
rs4572885	102954536	T	0.3694	0.396	**1.01E-02**	0.89 (0.82-0.97)	T	0.3714	0.396	6.69E-02	0.9 (0.81-1.01)	T	0.3741	0.396	1.64E-01	0.91 (0.8-1.04)
rs17266594[b]	102969945	C	0.2891	0.3309	**2.32E-05**	0.82 (0.75-0.9)	C	0.2943	0.3309	**4.44E-03**	0.84 (0.75-0.95)	C	0.2844	0.3309	**2.01E-03**	0.8 (0.7-0.92)
rs10516487[b]	102970099	T	0.2896	0.3309	**2.95E-05**	0.82 (0.75-0.9)	T	0.2943	0.3309	**4.44E-03**	0.84 (0.75-0.95)	T	0.2844	0.3309	**2.01E-03**	0.8 (0.7-0.92)
rs10516486	102970299	A	0.3562	0.3929	**3.84E-04**	0.86 (0.78-0.93)	A	0.3557	0.3929	**5.44E-03**	0.85 (0.76-0.95)	A	0.3591	0.3929	**3.13E-02**	0.87 (0.76-0.99)
rs1469019	102977483	A	0.06734	0.06205	3.12E-01	1.09 (0.92-1.29)	A	0.06136	0.06205	9.17E-01	0.99 (0.79-1.24)	A	0.07653	0.0621	6.78E-02	1.25 (0.98-1.6)
rs11931658	102985915	G	0.3287	0.3632	**6.63E-04**	0.86 (0.79-0.94)	G	0.3517	0.3632	3.84E-01	0.95 (0.85-1.07)	G	0.3518	0.3632	4.61E-01	0.95 (0.83-1.09)
rs12498977	102988700	A	0.06448	0.06222	6.62E-01	1.04 (0.88-1.23)	A	0.05739	0.06222	4.63E-01	0.92 (0.73-1.16)	A	0.06706	0.0622	5.36E-01	1.08 (0.84-1.4)
rs4698977[b]	103006446	T	0.3647	0.4065	**5.62E-05**	0.84 (0.77-0.91)	T	0.3835	0.4065	8.85E-02	0.91 (0.81-1.02)	T	0.3786	0.4065	7.74E-02	0.89 (0.78-1.01)
rs12331849	103009841	A	0.4232	0.4638	**1.29E-04**	0.85 (0.78-0.92)	A	0.4379	0.4638	5.95E-02	0.9 (0.81-1)	A	0.4406	0.4638	1.49E-01	0.91 (0.8-1.03)
rs3733197	103058310	A	0.3428	0.3711	**5.69E-03**	0.88 (0.81-0.96)	A	0.3583	0.3711	3.36E-01	0.95 (0.85-1.06)	A	0.3558	0.3711	3.26E-01	0.94 (0.82-1.07)
rs10014485	103058902	G	0.1003	0.09864	7.99E-01	1.02 (0.89-1.17)	G	0.09375	0.09864	5.49E-01	0.95 (0.79-1.14)	G	0.1087	0.0986	3.01E-01	1.11 (0.91-1.37)
rs12331595	103068242	A	0.4532	0.4874	**1.31E-03**	0.87 (0.8-0.95)	A	0.4636	0.4874	8.43E-02	0.91 (0.82-1.01)	A	0.466	0.4874	1.85E-01	0.92 (0.81-1.04)
rs17208914	103073413	G	0.4685	0.4436	**1.87E-02**	1.11 (1.02-1.2)	G	0.4591	0.4436	2.57E-01	1.07 (0.96-1.19)	G	0.4736	0.4436	6.09E-02	1.13 (0.99-1.28)
rs13125328	103074133	C	0.1032	0.1111	2.31E-01	0.92 (0.8-1.05)	C	0.1069	0.1111	6.30E-01	0.96 (0.81-1.14)	C	0.09762	0.1111	1.79E-01	0.87 (0.7-1.07)
rs2850374	103112346	C	0.1104	0.116	4.05E-01	0.95 (0.83-1.08)	C	0.1078	0.116	3.44E-01	0.92 (0.77-1.09)	C	0.112	0.116	6.93E-01	0.96 (0.79-1.17)
rs2850377	103131182	A	0.4174	0.438	5.11E-02	0.92 (0.85-1)	A	0.4305	0.438	5.85E-01	0.97 (0.87-1.08)	A	0.4089	0.438	6.85E-02	0.89 (0.78-1.01)
rs2851318	103134691	T	0.1118	0.1177	3.85E-01	0.94 (0.83-1.08)	T	0.1074	0.1177	2.41E-01	0.9 (0.76-1.07)	T	0.1163	0.1177	8.93E-01	0.99 (0.81-1.2)
rs2631268	103167753	A	0.2824	0.2655	7.38E-02	1.09 (0.99-1.2)	A	0.2699	0.2655	7.14E-01	1.02 (0.91-1.16)	A	0.2849	0.2655	1.75E-01	1.1 (0.96-1.27)
rs7685012	103168014	G	0.1126	0.1107	7.69E-01	1.02 (0.89-1.16)	G	0.1041	0.1107	4.43E-01	0.93 (0.78-1.11)	G	0.1088	0.1107	8.56E-01	0.98 (0.8-1.2)
rs10516491	103171889	G	0.02035	0.02093	8.49E-01	0.97 (0.72-1.3)	G	0.01648	0.02093	2.46E-01	0.78 (0.52-1.18)	G	0.01783	0.0209	4.96E-01	0.85 (0.53-1.36)
rs2658529	103183468	G	0.115	0.1007	**2.97E-02**	1.16 (1.02-1.33)	G	0.1114	0.1007	2.02E-01	1.12 (0.94-1.33)	G	0.1205	0.1007	**4.36E-02**	1.22 (1.01-1.49)
rs3113676	103184066	A	0.01163	0.01471	2.09E-01	0.79 (0.54-1.14)	A	0.01364	0.01471	7.45E-01	0.93 (0.58-1.47)	A	0.01443	0.0147	9.43E-01	0.98 (0.58-1.66)
rs3113677	103189210	A	0.05147	0.06127	**4.80E-02**	0.83 (0.69-1)	A	0.0539	0.06127	2.59E-01	0.87 (0.69-1.11)	A	0.05928	0.0613	7.97E-01	0.97 (0.74-1.26)
rs12649238	103193010	C	0.193	0.18	1.16E-01	1.09 (0.98-1.21)	C	0.1869	0.18	5.15E-01	1.05 (0.91-1.2)	C	0.1986	0.18	1.35E-01	1.13 (0.96-1.32)
rs10516489	103193382	A	0.3997	0.3993	9.68E-01	1 (0.92-1.09)	A	0.38	0.3993	1.50E-01	0.92 (0.83-1.03)	A	0.392	0.3993	6.43E-01	0.97 (0.85-1.1)
rs7692330	103216356	A	0.0624	0.06957	1.77E-01	0.89 (0.75-1.05)	A	0.06477	0.06957	4.90E-01	0.93 (0.75-1.15)	A	0.06803	0.0696	8.51E-01	0.98 (0.76-1.25)
rs6816285	103218632	A	0.412	0.4306	7.70E-02	0.93 (0.85-1.01)	A	0.4358	0.4306	7.03E-01	1.02 (0.92-1.14)	A	0.4134	0.4306	2.81E-01	0.93 (0.82-1.06)
rs1813006	103220672	A	0.05946	0.06618	1.95E-01	0.89 (0.75-1.06)	A	0.06818	0.06618	7.70E-01	1.03 (0.83-1.28)	A	0.06197	0.0662	5.97E-01	0.93 (0.72-1.21)
rs173218	103242072	A	0.1929	0.1786	8.20E-02	1.1 (0.99-1.22)	A	0.1886	0.1786	3.42E-01	1.07 (0.93-1.23)	A	0.2003	0.1786	8.00E-02	1.15 (0.98-1.35)
rs236768	103295006	G	0.1918	0.1799	1.51E-01	1.08 (0.97-1.2)	G	0.1849	0.1799	6.41E-01	1.03 (0.9-1.19)	G	0.1981	0.1799	1.45E-01	1.13 (0.96-1.32)

Abbreviation: SNP, Single Nuclear Polymorphism; BP, Base Position; MAF Case, Minor Allele Frequency in cases; MAF Control, Minor Allele Frequency in Controls; P, p-value; OR, Odds Ratio; C.I., Confidence Interval

[b]SNPs rs17266594, rs10516487, and rs4698977 are partially imputed as described in the Materials and Methods section.

[+] (# cases/# controls)