

Supplementary Information

Table S1. Candidate Genes, SNP, Minor Allele Frequency, Chromosome Position, and strength of association with CAC in patients with SLE.

Gene	SNP	Chromosome	Minor Allele Frequency	Position	p-Value
<i>ACE</i>	rs12451328	17	0.375	58950280	0.715
	rs4267385	17	0.386	58937488	0.999
	rs4295	17	0.361	58910030	0.433
	rs4305	17	0.495	58911961	0.701
	rs4309	17	0.391	58913655	0.203
	rs4311	17	0.397	58914495	0.633
	rs4353	17	0.471	58924154	0.356
	rs4461142	17	0.396	58931780	0.379
	rs8066276	17	0.445	58942997	0.569
<i>ADAM33</i>	rs2787094	20	0.261	3597161	0.728
<i>ADAMTS7</i>	rs1994016	15	0.331	76867289	0.444
<i>ADD1</i>	rs12503220	4	0.168	2819940	0.649
	rs17777371	4	0.057	2876755	0.406
	rs17834108	4	0.043	2880500	0.323
	rs2285084	4	0.199	2876083	0.422
	rs3775068	4	0.421	2858239	0.928
	rs4961	4	0.172	2876505	0.441
	rs4963	4	0.183	2886560	0.847
	rs6600769	4	0.245	2826033	0.225
<i>ADIPOQ</i>	rs12495941	3	0.365	188050874	0.532
	rs16861194	3	0.105	188042119	0.432
	rs16861210	3	0.096	188049192	0.34
	rs17366568	3	0.099	188053147	0.402
	rs17366743	3	0.032	188054783	0.593
	rs182052	3	0.335	188043476	0.673
	rs3774261	3	0.433	188054253	0.151
	rs3774262	3	0.113	188054508	0.726
	rs3821799	3	0.481	188054180	0.169
	rs7649121	3	0.155	188051479	0.978
	rs822391	3	0.168	188046497	0.895
rs822396	3	0.186	188049571	0.662	
<i>AGER</i>	rs1035798	6	0.168	32259200	0.176
	rs1800624	6	0.169	32260365	0.176
	rs204995	6	0.28	32262263	0.813
	rs2070600	6	0.052	32259421	0.06
	rs3131300	6	0.2	32259912	0.33
	rs3134943	6	0.112	32255739	0.951
<i>AIF1</i>	rs2269475	6	0.135	31691910	0.06
	rs4711274	6	0.134	31691145	0.06

Table S1. Cont.

Gene	SNP	Chromosome	Minor Allele Frequency	Position	p-Value
<i>AKT3</i>	rs1058304	1	0.329	241731480	0.128
	rs1121276	1	0.324	241777030	0.957
	rs11589907	1	0.418	241884883	0.134
	rs12037013	1	0.116	241850830	0.331
	rs12045585	1	0.128	241739722	0.769
	rs1578275	1	0.169	241747065	0.364
	rs3006927	1	0.156	241724022	0.977
	rs3006928	1	0.115	241724653	0.675
	rs3753549	1	0.158	241789515	0.992
	rs4658574	1	0.195	241717339	0.386
	rs7523742	1	0.071	241754773	0.471
	rs9428576	1	0.455	241728650	0.169
<i>ALOX5</i>	rs10900213	10	0.487	45224720	0.16
	rs11239524	10	0.144	45232777	0.857
	rs1487562	10	0.192	45248828	0.99
	rs1565096	10	0.217	45244029	0.343
	rs2115819	10	0.422	45221095	0.089
	rs2291427	10	0.304	45256230	0.877
	rs3780894	10	0.167	45194666	0.412
	rs3780901	10	0.342	45237382	0.306
	rs3824612	10	0.31	45192870	0.774
	rs4948671	10	0.347	45200062	0.285
	rs4948672	10	0.443	45234533	0.078
	rs501120	10	0.199	44073873	0.269
	rs7099684	10	0.182	45217161	0.121
	rs745986	10	0.205	45198914	0.951
rs901681	10	0.495	45254535	0.761	
<i>ALOX5AP</i>	rs10507391	13	0.428	30210096	0.813
	rs4584668	13	0.475	30217553	0.308
<i>APOC1</i>	rs4420638	19	0.18	50114786	0.778
<i>C3</i>	rs2230199	19	0.19	6669387	0.047
<i>CALR</i>	rs1010222	19	0.315	12909608	0.589
<i>CCL2</i>	rs1024610	17	0.166	29604344	0.144
	rs3760396	17	0.162	29605554	0.83
	rs4586	17	0.447	29607382	0.994
<i>CCL3</i>	rs1719134	17	0.211	31441059	0.119
	rs9972960	17	0.352	31444192	0.901
<i>CCL4</i>	rs10491121	17	0.322	31454449	0.124
<i>CCL5</i>	rs2107538	17	0.254	31231893	0.668
	rs2280789	17	0.163	31231116	0.746
<i>CCR7</i>	rs2023906	17	0.216	35967212	0.911
	rs2290065	17	0.066	35969886	0.989
	rs3136685	17	0.236	35973325	0.041
	rs588019	17	0.067	35968633	0.732
<i>CD2</i>	rs3136706	1	0.28	117106599	0.246
	rs6701046	1	0.181	117099257	0.649

Table S1. Cont.

Gene	SNP	Chromosome	Minor Allele Frequency	Position	p-Value
<i>CD274</i>	rs17718883	9	0.005	5452876	N/A
<i>CD28</i>	rs10932017	2	0.484	204286150	0.961
	rs1181389	2	0.153	204283135	0.888
	rs1181390	2	0.215	204280922	0.867
	rs3116494	2	0.242	204300266	0.679
	rs3181096	2	0.326	204278337	0.681
	rs3769683	2	0.15	204287042	0.398
	rs4675358	2	0.096	204287358	0.524
<i>CD40</i>	rs11569309	20	0.171	44181957	0.127
	rs11569317	20	0.054	44184257	0.17
	rs1535045	20	0.202	44181506	0.279
	rs3746821	20	0.116	44188518	0.454
	rs3765457	20	0.148	44190620	0.148
	rs3765459	20	0.193	44190814	0.064
	rs745307	20	0.218	44180493	0.086
<i>CD40LG</i>	rs1126535	X	0.19	135558221	0.499
	rs3092923	X	0.216	135568851	0.219
	rs3092936	X	0.098	135563871	0.826
	rs3092949	X	0.248	135555001	0.111
	rs5930973	X	0.054	135559814	0.766
<i>CD72</i>	rs2095858	9	0.468	35606583	0.7
<i>CD8A</i>	rs3020729	2	0.191	86865804	0.13
	rs3810831	2	0.241	86872058	0.301
<i>CDKN2B</i>	rs1333049	9	0.421	22115503	0.938
	rs7044859	9	0.496	22008781	0.781
	rs7865618	9	0.338	22021005	0.37
<i>CFH</i>	rs1061170	1	0.39	194925860	0.623
<i>CHUK</i>	rs11190430	10	0.146	101974535	0.21
	rs11595324	10	0.039	101969408	0.5
	rs11597086	10	0.331	101943695	0.231
	rs2230804	10	0.464	101967873	0.507
<i>CIITA</i>	rs3087456	16	0.382	10878403	0.756
	rs4774	16	0.288	10908349	0.565
<i>CRP</i>	rs1130864	1	0.255	157949715	0.276
	rs1205	1	0.32	157948857	0.411
	rs1417938	1	0.247	157950810	0.205
	rs1800947	1	0.067	157950062	0.014
<i>CSFI</i>	rs3093037	1	0.155	110273429	0.456
	rs3093040	1	0.316	110271947	0.653
	rs333947	1	0.131	110272287	0.171
	rs333949	1	0.201	110252566	0.312
	rs333951	1	0.246	110253213	0.222
	rs333968	1	0.184	110262043	0.797
	rs333970	1	0.485	110267861	0.236
	rs3738760	1	0.226	110268333	0.595
	rs412543	1	0.069	110031467	0.422
	rs915357	1	0.399	110256956	0.938

Table S1. *Cont.*

Gene	SNP	Chromosome	Minor Allele Frequency	Position	p-Value
<i>CSF2</i>	rs2069616	5	0.427	131435976	0.668
	rs25882	5	0.232	131439359	0.503
	rs27348	5	0.216	131435038	0.42
	rs743564	5	0.356	131438778	0.82
<i>CTLA4</i>	rs11571317	2	0.063	204440253	0.122
	rs231726	2	0.354	204449111	0.814
	rs231777	2	0.163	204441833	0.918
	rs231779	2	0.401	204442732	0.634
	rs3087243	2	0.383	204447164	0.685
	rs4553808	2	0.174	204439250	0.805
	rs5742909	2	0.066	204440592	0.264
<i>CYBA</i>	rs12709102	16	0.384	87239820	0.259
	rs3180279	16	0.45	87238334	0.358
<i>CYP2J2</i>	rs10493270	1	0.086	60161262	0.32
	rs1155002	1	0.351	60146363	0.696
	rs11572204	1	0.324	60162193	0.684
	rs11572285	1	0.158	60145309	0.24
	rs11572321	1	0.09	60134980	0.297
	rs12729119	1	0.128	60167110	0.071
	rs2271800	1	0.237	60146254	0.538
	rs3754205	1	0.074	60145546	0.674
rs3754206	1	0.293	60164534	0.949	
<i>DEFB1</i>	rs1800972	8	0.203	6722833	0.261
	rs2552223	8	0.355	5989123	0.918
<i>DLG5</i>	rs1248696	10	0.074	79286611	0.232
<i>DLL4</i>	rs12441495	15	0.109	39009779	0.219
	rs3212278	15	0.428	39011416	0.603
<i>EPHX2</i>	rs1042064	8	0.353	27458049	0.419
	rs13269963	8	0.221	27456521	0.481
	rs2741334	8	0.069	27420704	0.54
	rs4149252	8	0.221	27452028	0.233
	rs4149253	8	0.066	27452125	0.902
	rs721619	8	0.268	27437913	0.278
	rs751141	8	0.096	27429782	0.868
	rs7816586	8	0.351	27425251	0.978
<i>EPO</i>	rs1617640	7	0.397	100155234	0.829
	rs564449	7	0.105	100159074	0.083
<i>EXOC4</i>	rs2911495	7	0.408	132981945	0.856
<i>F5</i>	rs6025	1	0.024	167785673	0.956
<i>FCGR2A</i>	rs10919033	1	0.103	159754641	0.19
	rs12128686	1	0.123	159785381	0.037
	rs1801274	1	0.474	159746369	0.049
	rs410236	1	0.447	159751260	0.026
	rs7529425	1	0.099	159746223	0.117
<i>FCGR2B</i>	rs17413015	1	0.153	159911435	0.619

Table S1. Cont.

Gene	SNP	Chromosome	Minor Allele Frequency	Position	p-Value
<i>FCRL3</i>	rs1537947	1	0.264	155921287	0.893
	rs17676026	1	0.171	155932960	0.729
	rs2282284	1	0.048	155915167	0.812
	rs11264794	1	0.399	155914413	0.185
	rs2210914	1	0.241	155940252	0.739
	rs11264799	1	0.27	155937381	0.222
	rs10489678	1	0.199	155936292	0.21
	rs11264798	1	0.412	155928472	0.247
	rs6691569	1	0.242	155914722	0.83
	rs7522061	1	0.422	155935014	0.884
<i>FGB</i>	rs1800788	4	0.164	155703364	0.162
	rs1800790	4	0.171	155703158	0.697
	rs2227412	4	0.154	155708545	0.586
	rs4220	4	0.168	155711209	0.263
<i>FZD5</i>	rs10188753	2	0.455	208357668	0.819
	rs2136448	2	0.379	208359857	0.528
	rs3731568	2	0.417	208337626	0.891
	rs4675713	2	0.378	208350153	0.208
	rs6708488	2	0.218	208349419	0.714
	rs6744579	2	0.129	208323236	0.059
	rs7582078	2	0.434	208355096	0.557
	rs9784133	2	0.41	208330679	0.697
<i>GSTP1</i>	rs1138272	11	0.065	67110155	0.933
	rs1695	11	0.366	67109265	0.191
	rs6591256	11	0.411	67106475	0.068
<i>HAVCR1</i>	rs1553316	5	0.153	156412087	0.104
	rs1809941	5	0.155	156415037	0.098
	rs4704853	5	0.216	156469454	0.28
	rs6420075	5	0.18	156418698	0.12
<i>HLA-DQB2</i>	rs1573649	6	0.489	32839236	0.746
	rs2071550	6	0.27	32838918	0.882
	rs2301271	6	0.42	32833171	0.903
	rs3656	6	0.088	32832021	0.891
	rs7769979	6	0.456	32831550	0.808
	rs7774954	6	0.108	32832167	0.77
	rs9276584	6	0.185	32838813	0.637
	rs9276598	6	0.487	32841965	0.746
<i>HLA-DRB1</i>	rs3021304	6	0.467	32683636	0.064
	rs602875	6	0.257	32681607	0.471
	rs660895	6	0.21	32685358	0.607
	rs9269794	6	0.387	32657227	0.485
	rs9270657	6	0.37	32673999	0.166
	rs9270986	6	0.16	32682038	0.834

Table S1. Cont.

Gene	SNP	Chromosome	Minor Allele Frequency	Position	p-Value
<i>ICAM1</i>	rs1799969	19	0.081	10255792	0.786
	rs281432	19	0.478	10251658	0.081
	rs3093032	19	0.112	10257336	0.457
	rs5030390	19	0.07	10243537	0.915
	rs5491	19	0.04	10246540	0.787
	rs5498	19	0.38	10256683	0.333
<i>ICAM5</i>	rs2228615	19	0.339	10264368	0.153
<i>IFNG</i>	rs1861493	12	0.252	66837463	0.558
	rs2069716	12	0.044	66837082	0.37
	rs2069718	12	0.461	66836429	0.486
	rs2069727	12	0.391	66834490	0.646
<i>IKBKB</i>	rs10958713	8	0.303	42299873	0.589
	rs11986055	8	0.162	42254335	0.879
	rs17875671	8	0.069	42260542	0.689
	rs2272733	8	0.24	42277059	0.57
	rs3747811	8	0.412	42248662	0.352
	rs4560769	8	0.22	42259961	0.924
	rs5029748	8	0.225	42259706	0.937
	rs6474388	8	0.192	42306311	0.497
<i>IL10</i>	rs1800890	1	0.366	205015988	0.793
	rs1800896	1	0.469	205013520	0.338
	rs3021094	1	0.08	205011575	0.322
	rs3024493	1	0.13	205010591	0.06
	rs3024496	1	0.479	205008487	0.408
	rs3024498	1	0.25	205008152	0.981
	rs3024509	1	0.044	205009920	0.594
<i>IL12A</i>	rs2243115	3	0.116	161188974	0.255
	rs2243131	3	0.241	161194752	0.929
	rs2243143	3	0.426	161197496	0.158
	rs583911	3	0.396	161193084	0.128
<i>IL12B</i>	rs10052709	5	0.144	158693055	0.664
	rs1433048	5	0.148	158688423	0.154
	rs2546890	5	0.473	158692478	0.223
	rs2546893	5	0.433	158688538	0.123
	rs2569253	5	0.441	158683571	0.514
	rs2853694	5	0.437	158681666	0.002
	rs2853696	5	0.146	158677238	0.027
	rs3212227	5	0.229	158675528	0.082
	rs6887695	5	0.337	158755223	0.141
	rs919766	5	0.151	158680142	0.545
<i>IL13</i>	rs20541	5	0.193	132023863	0.49
<i>IL13RA2</i>	rs5946040	X	0.273	114154022	0.575
	rs638376	X	0.493	114139497	0.809

Table S1. Cont.

Gene	SNP	Chromosome	Minor Allele Frequency	Position	p-Value
<i>IL17A</i>	rs10484879	6	0.181	52159916	0.326
	rs1974226	6	0.203	52163294	0.505
	rs2275913	6	0.279	52158992	0.622
	rs3819024	6	0.321	52158745	0.568
	rs3819025	6	0.053	52159233	0.694
	rs4711998	6	0.348	52158312	0.727
	rs8193036	6	0.267	52158452	0.332
<i>IL18</i>	rs1293344	11	0.264	111542594	0.328
	rs187238	11	0.257	111540198	0.316
	rs1946518	11	0.377	111540668	0.434
	rs360722	11	0.134	111531913	0.271
	rs5744256	11	0.182	111528058	0.997
	rs5744280	11	0.376	111521724	0.916
<i>IL1A</i>	rs17561	2	0.245	113253694	0.483
	rs1800587	2	0.3	113259431	0.359
	rs2856838	2	0.412	113256443	0.891
	rs3783546	2	0.288	113251301	0.274
<i>IL1B</i>	rs1143627	2	0.403	113310858	0.589
	rs1143634	2	0.183	113306861	0.781
<i>IL1RN</i>	rs454078	2	0.225	113605264	0.042
<i>IL2</i>	rs2069762	4	0.261	123597430	0.345
	rs2069772	4	0.229	123592583	0.758
	rs2069776	4	0.236	123591426	0.722
	rs2069778	4	0.123	123595585	0.968
	rs2069779	4	0.064	123593347	0.49
	rs4833248	4	0.26	123599855	0.345
<i>IL23R</i>	rs11209026	1	0.051	67478546	0.085
	rs1884444	1	0.491	67406400	0.718
	rs7530511	1	0.154	67457975	0.933
<i>IL2RA</i>	rs706778	10	0.433	6138955	0.653
<i>IL4</i>	rs2070874	5	0.214	132037609	0.472
	rs2227284	5	0.379	132040624	0.799
	rs2243248	5	0.086	132036543	0.137
	rs2243263	5	0.112	132041198	0.137
<i>IL6</i>	rs1800797	7	0.334	22732746	0.101
	rs2069827	7	0.088	22731981	0.292
	rs2069840	7	0.301	22735097	0.212
	rs2069861	7	0.077	22738179	0.289
<i>IL8</i>	rs2227306	4	0.36	74825919	0.245
<i>INS</i>	rs2070762	11	0.458	2142911	0.265
	rs3842748	11	0.294	2137971	0.477
	rs4320932	11	0.199	2128177	0.319
	rs6356	11	0.329	2147527	0.298

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Gene	SNP	Chromosome	Minor Allele Frequency	Position	p-Value
<i>IRF5</i>	rs10488631	7	0.111	128381419	0.037
	rs10954213	7	0.385	128376663	0.03
	rs1874328	7	0.412	128372340	0.694
	rs3757385	7	0.384	128364540	0.337
	rs3807306	7	0.485	128367916	0.081
	rs4731535	7	0.495	128393203	0.794
	rs729302	7	0.256	128356196	0.548
	rs752637	7	0.381	128366656	0.349
<i>ITGA2</i>	rs1062535	5	0.364	52387170	0.057
<i>ITGB3</i>	rs5918	17	0.161	42715729	0.566
<i>LAG3</i>	rs870849	12	0.375	6757281	0.759
<i>LGALS2</i>	rs12167035	22	0.282	36307228	0.918
	rs12167061	22	0.142	36307427	0.44
	rs4821670	22	0.445	36300812	0.683
	rs5750457	22	0.319	36306737	0.491
<i>LPL</i>	rs17411031	8	0.252	19896590	0.061
	rs17489268	8	0.251	19896325	0.061
<i>MAP3K7IP2</i>	rs17506789	6	0.232	149762539	0.415
	rs237025	6	0.462	149763383	0.864
	rs663625	6	0.109	149764455	0.149
	rs6942381	6	0.495	149704684	0.627
<i>MBL2</i>	rs10082466	10	0.285	54196628	0.32
	rs1031101	10	0.123	54203366	0.48
	rs10762884	10	0.355	54210797	0.976
	rs10824792	10	0.465	54196212	0.401
	rs10824793	10	0.487	54199486	0.612
	rs11003125	10	0.325	54202020	0.238
	rs11003132	10	0.2	54207453	0.353
	rs11003137	10	0.147	54209903	0.349
	rs11595876	10	0.06	54196768	0.239
	rs12771266	10	0.102	54191182	0.446
	rs17664818	10	0.018	54204706	N/A
	rs1800450	10	0.131	54201241	0.357
	rs1838066	10	0.328	54199331	0.233
	rs7096206	10	0.171	54201691	0.644
	rs7899547	10	0.274	54206845	0.159
	rs930506	10	0.297	54206557	0.97
<i>MIA3</i>	rs17465637	1	0.367	220890152	0.785
<i>MIF</i>	rs12628766	22	0.13	22563914	0.633
	rs2000466	22	0.183	22567862	0.301
	rs738806	22	0.272	22564172	0.317
	rs738807	22	0.133	22564245	0.584
	rs8138555	22	0.157	22730360	0.493
	rs875643	22	0.416	22563998	0.342

Table S1. Cont.

Gene	SNP	Chromosome	Minor Allele Frequency	Position	p-Value
<i>MMP1</i>	rs17293823	11	0.113	102165617	0.74
	rs2071230	11	0.143	102166169	0.46
	rs470358	11	0.349	102173912	0.36
	rs475007	11	0.464	102174522	0.933
	rs5031036	11	0.089	102171374	0.29
	rs5854	11	0.32	102166084	0.705
	rs7125062	11	0.305	102168713	0.517
	rs7945189	11	0.074	102165774	0.558
	rs996999	11	0.188	102172273	0.186
<i>MMP12</i>	rs11225442	11	0.133	102244529	0.759
	rs12808148	11	0.125	102238373	0.559
	rs17368659	11	0.103	102247971	0.89
	rs652438	11	0.087	102241852	0.284
<i>MMP13</i>	rs2252070	11	0.328	102331749	0.744
<i>MMP3</i>	rs476762	11	0.109	102215917	0.86
	rs522616	11	0.207	102220258	0.001
	rs650108	11	0.275	102213997	0.009
	rs679620	11	0.469	102218830	0.057
<i>MMP7</i>	rs10502001	11	0.171	101903803	0.603
	rs10502002	11	0.044	101904593	0.505
	rs12285347	11	0.483	101901817	0.588
	rs12575975	11	0.187	101904800	0.536
	rs17098318	11	0.357	101908068	0.77
<i>MMP9</i>	rs17576	20	0.351	44073632	0.002
	rs2250889	20	0.071	44075813	0.725
	rs2274756	20	0.159	44076518	0.004
	rs3787268	20	0.168	44075138	0.182
	rs3918249	20	0.39	44071543	0.002
	rs3918253	20	0.498	44072918	0.003
<i>MPO</i>	rs2071409	17	0.169	53703229	0.262
	rs2107545	17	0.265	53715117	0.023
	rs2243828	17	0.233	53713883	0.04
<i>MS4A1</i>	rs1051756	11	0.417	59992848	0.768
	rs2000636	11	0.368	59977523	0.786
	rs4146870	11	0.465	59988562	0.707
	rs4939364	11	0.33	59988901	0.668
	rs948312	11	0.335	59984821	0.609
<i>MS4A2</i>	rs569108	11	0.059	59619680	0.218

Table S1. Cont.

Gene	SNP	Chromosome	Minor Allele Frequency	Position	p-Value
<i>MTHFR</i>	rs11121832	1	0.238	11782707	0.093
	rs12121543	1	0.2	11777258	0.075
	rs1476413	1	0.227	11774887	0.132
	rs1537514	1	0.096	11770655	0.967
	rs17367504	1	0.148	11785365	0.858
	rs17421462	1	0.073	11779434	0.854
	rs1801131	1	0.272	11777063	0.331
	rs1801133	1	0.279	11778965	0.855
	rs2066471	1	0.12	11783045	0.179
	rs4846048	1	0.329	11768839	0.388
	rs6541003	1	0.423	11778454	0.425
<i>MYLK</i>	rs936170	3	0.074	124905507	0.805
<i>NAT9</i>	rs734232	17	0.37	70277326	0.367
<i>NFE2L2</i>	rs10183914	2	0.352	177805912	0.77
	rs1806649	2	0.202	177826398	0.794
	rs2364722	2	0.303	177833033	0.337
	rs6726395	2	0.484	177811475	0.605
<i>NFKB1</i>	rs13117745	4	0.19	103697738	0.459
	rs1609798	4	0.28	103756488	0.152
	rs230540	4	0.302	103715705	0.346
	rs230547	4	0.114	103755307	0.43
	rs3755867	4	0.34	103745712	0.122
	rs3774932	4	0.382	103643223	0.015
	rs3774933	4	0.403	103645369	0.114
	rs3774934	4	0.085	103646506	0.551
	rs4647992	4	0.05	103674377	0.941
	rs4648022	4	0.06	103715475	0.278
	rs4648127	4	0.06	103754951	0.561
rs4648135	4	0.071	103755716	0.619	
<i>NFKBIA</i>	rs2233409	14	0.23	34944021	0.585
	rs3138053	14	0.297	34944605	0.837
<i>NLRP1</i>	rs2733359	17	0.471	5461471	0.217
	rs3926687	17	0.392	5433160	0.6
<i>NOD1</i>	rs2907748	7	0.218	30439548	0.866
	rs2907749	7	0.326	30452266	0.518
<i>NOD2</i>	rs2066843	16	0.215	49302700	0.105
	rs2066845	16	0.011	49314041	0.45
	rs5743289	16	0.143	49314275	0.127
	rs5743291	16	0.077	49314777	0.92
	rs748855	16	0.364	49308899	0.287
	rs751271	16	0.339	49308676	0.005
	rs8056611	16	0.45	49325148	0.097

Table S1. Cont.

Gene	SNP	Chromosome	Minor Allele Frequency	Position	p-Value
<i>NOTCH1</i>	rs11145766	9	0.106	138524716	0.062
	rs11145770	9	0.473	138546887	0.24
	rs13290979	9	0.435	138545455	0.808
	rs2229971	9	0.382	138527753	0.885
	rs2229974	9	0.438	138511457	0.556
	rs3013304	9	0.377	138555218	0.784
	rs3124599	9	0.103	138523591	0.977
	rs3124602	9	0.026	138526312	0.16
	rs3125009	9	0.385	138532705	0.491
	rs3812605	9	0.382	138522923	0.618
	rs6563	9	0.488	138509005	0.281
<i>NOTCH3</i>	rs10423702	19	0.125	15161069	0.28
	rs2074616	19	0.192	15155991	0.222
	rs2238643	19	0.31	15160648	0.025
	rs2366544	19	0.279	15130904	0.258
	rs7245563	19	0.254	15158576	0.09
	rs7250232	19	0.081	15138199	0.024
<i>NPPA</i>	rs198372	1	0.142	11832101	0.771
	rs5063	1	0.051	11830235	0.789
	rs5065	1	0.203	11828655	0.812
	rs5068	1	0.035	11828561	0.662
	rs632793	1	0.428	11833264	0.88
<i>NPPB</i>	rs12406089	1	0.352	11843768	0.727
	rs1800773	1	0.065	11843039	0.749
	rs198387	1	0.112	11839505	0.704
	rs198388	1	0.465	11839927	0.603
	rs5227	1	0.005	11841404	0.144
	rs5229	1	0.008	11841106	0.389
	rs5230	1	0.001	11840969	0.824
<i>NQO1</i>	rs1800566	16	0.191	68302646	0.144
	rs2917669	16	0.115	68316721	0.389
	rs689453	16	0.073	68309874	N/A
<i>OR13G1</i>	rs1151640	1	0.382	245902573	0.768
	rs1175996	1	0.388	245912881	0.768
<i>PADI4</i>	rs11203366	1	0.434	17530121	0.381
	rs11203367	1	0.431	17530203	0.381
	rs2240340	1	0.439	17535226	0.381
	rs874881	1	0.45	17533086	0.199
<i>PARP1</i>	rs1136410	1	0.16	224621925	0.961
	rs1805401	1	0.036	224628735	0.097
	rs1805410	1	0.131	224635288	0.613
	rs2048424	1	0.424	224649630	0.983
	rs3219110	1	0.386	224624501	0.959
	rs3219142	1	0.154	224618691	0.875
	rs3768347	1	0.231	224659368	0.994
	rs8679	1	0.171	224615177	0.841

Table S1. Cont.

Gene	SNP	Chromosome	Minor Allele Frequency	Position	p-Value
<i>PDCD1</i>	rs7421861	2	0.314	242444023	0.494
<i>PITX2</i>	rs10033464	4	0.119	111940210	0.88
	rs2200733	4	0.151	111929618	0.109
<i>PONI</i>	rs662	7	0.377	94775382	0.302
<i>PON2</i>	rs7493	7	0.247	94872711	0.482
<i>PPARG</i>	rs1801282	3	0.087	12368125	0.394
<i>PPMIH</i>	rs1020452	12	0.212	61594446	0.95
<i>PTEN</i>	rs11202596	10	0.073	89637134	0.394
	rs1234213	10	0.352	89679301	0.811
	rs1234218	10	0.024	89640739	0.085
	rs1234220	10	0.077	89635453	0.057
	rs12572106	10	0.144	89706087	0.977
	rs17106896	10	0.069	89667087	0.057
	rs2299939	10	0.161	89647130	0.922
	rs2673832	10	0.088	89702453	0.337
<i>PTGSI</i>	rs10306108	9	0.068	124171301	0.179
	rs10306114	9	0.068	124172343	0.179
	rs10306135	9	0.125	124177516	0.13
	rs1213266	9	0.177	124176705	0.876
	rs12238505	9	0.163	124191705	0.786
	rs1236913	9	0.054	124173300	0.198
	rs2282169	9	0.256	124180517	0.827
	rs4240474	9	0.211	124185440	0.366
	rs4273915	9	0.239	124185150	0.376
	rs5789	9	0.018	124183794	0.144
<i>PTGS2</i>	rs10911905	1	0.143	184919018	0.748
	rs12042763	1	0.204	184918499	0.097
	rs20417	1	0.199	184916944	0.585
	rs2206593	1	0.044	184909052	0.446
	rs2745557	1	0.168	184915844	0.969
	rs4648261	1	0.023	184915627	0.431
	rs689466	1	0.181	184917374	0.193
<i>PTPN2</i>	rs2542151	18	0.171	12769947	0.636
<i>PTPN22</i>	rs1217414	1	0.339	114214190	0.995
	rs17510162	1	0.168	114215254	0.974
	rs2476599	1	0.33	114164982	0.981
	rs2476600	1	0.428	114171257	0.283
	rs2476601	1	0.093	114179091	0.947
	rs2488457	1	0.184	114216891	0.258
	rs3789607	1	0.236	114167957	0.32
	rs3811021	1	0.171	114158186	0.7
	rs6679677	1	0.093	114105331	0.955
<i>RABEP2</i>	rs11646653	16	0.314	28829650	0.428

Table S1. Cont.

Gene	SNP	Chromosome	Minor Allele Frequency	Position	p-Value
<i>RBPJ</i>	rs1064372	4	0	26039524	N/A
	rs1064384	4	0	26041480	N/A
	rs10939109	4	0.023	25979281	0.402
	rs13109703	4	0.488	26032531	0.77
	rs3109836	4	0.19	26017925	0.32
	rs3762930	4	0.477	25948076	0.935
	rs3822223	4	0.124	25931004	0.135
	rs6821126	4	0.14	25951636	0.817
	rs7695991	4	0.095	25957828	0.198
	rs946346	4	0.085	26040484	0.804
<i>RETN</i>	rs1862513	19	0.329	7639793	0.304
	rs34124816	19	0.046	7639676	0.611
	rs3745367	19	0.331	7640511	0.026
	rs3745369	19	0.465	7641475	0.735
<i>RUNXI</i>	rs12626613	21	0.162	35345150	0.174
	rs2071029	21	0.214	35344348	0.184
	rs2268277	21	0.402	35103919	0.278
	rs4816501	21	0.184	35216409	0.378
<i>SCNN1A</i>	rs5742912	12	0.025	6328611	0.494
<i>SELE</i>	rs1076637	1	0.185	167964068	0.744
	rs2076059	1	0.392	167965545	0.318
	rs2205850	1	0.258	167958063	0.585
	rs3917412	1	0.214	167967126	0.925
	rs3917438	1	0.039	167960474	0.314
	rs3917454	1	0.03	167967477	0.572
	rs5355	1	0.042	167962494	0.704
	rs5361	1	0.084	167967684	0.005
	rs5368	1	0.088	167963570	0.957
	rs932307	1	0.27	167969329	0.072
<i>SELP</i>	rs6131	1	0.208	167847509	0.343
	rs6133	1	0.2	167831970	0.252
	rs6136	1	0.07	167830575	0.549
<i>SELS</i>	rs4965814	15	0.31	99631440	0.946
	rs9874	15	0.21	99628927	0.77
<i>SENP3</i>	rs4968212	17	0.356	7408940	0.977
	rs8068222	17	0.301	7409412	0.704
<i>SERPINE1</i>	rs1050813	7	0.171	100568335	0.611
	rs2070682	7	0.448	100563987	0.597
	rs2227631	7	0.491	100556258	0.668
	rs2227667	7	0.216	100561469	0.574
	rs2227672	7	0.12	100562406	0.981
	rs2227692	7	0.089	100565964	0.438
	rs2227714	7	0.036	100568629	0.763
	rs6092	7	0.101	100558437	0.627
rs7242	7	0.449	100568165	0.597	

Table S1. Cont.

Gene	SNP	Chromosome	Minor Allele Frequency	Position	p-Value
<i>SLC22A4</i>	rs1050152	5	0.321	131704219	0.694
	rs2073838	5	0.075	131677121	0.981
	rs3792876	5	0.072	131665208	0.906
<i>SMAD3</i>	rs17228212	15	0.227	65245693	0.841
<i>SOD3</i>	rs2284659	4	0.461	24403895	0.991
	rs8192287	4	0.051	24405666	0.879
<i>SPINK5</i>	rs2303064	5	0.202	147460273	0.854
<i>SPP1</i>	rs11730582	4	0.417	89115445	0.266
	rs6813526	4	0.301	89113259	0.029
	rs6840362	4	0.302	89118944	0.173
	rs9138	4	0.254	89123366	0.961
<i>TAS2R50</i>	rs1376251	12	0.315	11030119	0.75
	rs6488334	12	0.301	11031711	0.659
<i>TCF7L2</i>	rs12255372	10	0.271	114798892	0.706
	rs4506565	10	0.347	114746031	0.44
	rs7903146	10	0.28	114748339	0.79
<i>TGFB1</i>	rs1800469	19	0.248	46552136	0.216
	rs1800471	19	0.075	46550716	0.367
	rs4803455	19	0.486	46543349	0.231
	rs8110090	19	0.068	46537712	0.678
<i>TIMD4</i>	rs10070224	5	0.3	156278313	0.069
<i>TLR4</i>	rs4986791	9	0.055	119515423	0.902
<i>TLR5</i>	rs5744168	1	0.067	221351823	0.369
<i>TLR9</i>	rs187084	3	0.384	52236071	0.044
<i>TNFA</i>	rs1041981	6	0.389	31648763	0.209
	rs1799964	6	0.205	31650287	0.397
	rs1800630	6	0.144	31650455	0.71
	rs2071592	6	0.373	31623319	0.483
	rs2229094	6	0.265	31648535	0.293
	rs3093662	6	0.079	31652168	0.218
	rs915654	6	0.368	31646476	0.584
<i>TNFRSF11A</i>	rs1805034	18	0.454	58178221	0.62
<i>TNFRSF11B</i>	rs2073617	8	0.424	120033464	0.068
	rs2073618	8	0.418	120033233	<0.001
<i>TNFRSF1B</i>	rs1061622	1	0.216	12175542	0.723
<i>TNFSF11</i>	rs2148072	13	0.351	42060063	0.351
	rs2277439	13	0.205	42053443	0.665
	rs346604	13	0.084	42069382	0.301
	rs3742257	13	0.494	42071198	0.142
	rs633137	13	0.102	42075163	0.031
	rs931273	13	0.137	42076583	0.766
	rs9525641	13	0.44	42046024	0.794
	rs9562414	13	0.068	42074715	0.019
	rs9594782	13	0.041	42049186	0.594

Table S1. Cont.

Gene	SNP	Chromosome	Minor Allele Frequency	Position	p-Value
<i>TNFSF12</i>	rs12937543	17	0.477	7399306	0.839
	rs12940684	17	0.373	7394643	0.786
	rs3803796	17	0.092	7395252	0.926
	rs4511593	17	0.396	7396260	0.648
	rs4968210	17	0.416	7398076	0.839
<i>TNFSF13B</i>	rs10508198	13	0.301	107740789	0.696
	rs1224147	13	0.247	107754759	0.866
	rs12583006	13	0.208	107735453	0.882
	rs16972207	13	0.181	107727067	0.16
	rs16972216	13	0.149	107732621	0.308
	rs17499386	13	0.11	107735314	0.066
	rs3759467	13	0.205	107717541	0.333
	rs4145212	13	0.218	107758189	0.383
	rs8181791	13	0.36	107732046	0.197
	rs9514827	13	0.256	107717404	0.96
	rs9514828	13	0.412	107719374	0.945
	rs9520836	13	0.204	107755064	0.191
<i>TNFSF4</i>	rs10489270	1	0.072	171424387	0.439
	rs10912560	1	0.303	171431080	0.696
	rs11811856	1	0.28	171438296	0.736
	rs1234313	1	0.287	171432870	0.462
	rs1234314	1	0.394	171444015	0.936
	rs1234315	1	0.453	171445086	0.981
	rs3850641	1	0.154	171442455	0.791
	rs6661173	1	0.093	171426906	0.682
<i>TRAF5</i>	rs11582143	1	0.166	209583599	0.473
	rs7514863	1	0.174	209550723	0.378
<i>VCAMI</i>	rs1041163	1	0.154	100956413	0.673
	rs10493936	1	0.301	100985923	0.234
	rs12732056	1	0.154	100979271	0.426
	rs3176860	1	0.425	100959807	0.835
	rs3176867	1	0.205	100966793	0.203
	rs3181088	1	0.164	100971296	0.332
	rs3917009	1	0.073	100961998	0.435
	rs3917010	1	0.196	100963454	0.337
	rs3917012	1	0.377	100968247	0.386
	rs3917016	1	0.119	100973735	0.215
<i>VEGFA</i>	rs2010963	6	0.317	43846328	0.151
	rs3024994	6	0.034	43851485	0.867
	rs3025010	6	0.394	43855555	0.274
	rs3025033	6	0.168	43859053	0.904
	rs3025035	6	0.107	43859337	0.418
	rs3025039	6	0.122	43860514	0.917
	rs699947	6	0.442	43844367	0.169
	rs833060	6	0.245	43843127	0.85