

Supplemental Material

Supplemental Table 1. Distribution of case-parent triad genotypes for *TNF* and *LTA* polymorphisms.

Mother-father-child ^a	Triad counts					
	<i>LTA</i> -379	<i>LTA</i> <i>Nco</i> I	<i>TNF</i> -1031	<i>TNF</i> -857	<i>TNF</i> -308	<i>TNF</i> -238
222	33	8	2	4	0	0
212	24	20	1	7	0	0
211	33	13	2	7	0	0
122	29	9	2	8	0	0
121	26	12	1	10	0	0
201	35	32	8	15	0	0
021	29	24	11	14	0	0
112	38	20	11	28	0	2
111	85	65	15	40	4	0
110	31	23	10	18	1	0
101	31	51	41	52	25	22
100	27	50	41	60	19	18
011	33	47	49	56	28	25
010	45	55	51	63	18	17
000	37	99	281	145	429	440
2·2 ^b	7	3	1	1	0	0
2·1	6	6	2	3	0	0
1·2	7	5	1	2	0	1
1·1	13	9	10	14	4	3
1·0	9	9	4	9	1	4
·11	1	0	0	0	0	0
·10	0	1	0	0	0	0
0·1	7	9	7	10	4	0
0·0	10	14	32	20	44	45
·00	0	0	1	1	1	1
Total triads	596	584	584	587	578	578

^aNumber of copies of minor allele in mother-father-child.

^bThe dots indicate the parent who was missing.

Supplemental Table 2. Distribution of case-parent triad genotypes for *TNF* and *LTA* polymorphisms among cases with smoking parents.

Mother-father-child ^a	Triad counts					
	<i>LTA</i> -379	<i>LTA NcoI</i>	<i>TNF</i> -1031	<i>TNF</i> -857	<i>TNF</i> -308	<i>TNF</i> -238
222	14	2	0	1	0	0
212	14	12	1	6	0	0
211	13	6	1	3	0	0
122	13	3	1	2	0	0
121	13	5	1	5	0	0
201	22	18	6	11	0	0
021	12	15	9	6	0	0
112	18	11	6	10	0	2
111	45	36	11	18	2	0
110	17	8	8	11	1	0
101	15	31	17	21	10	11
100	17	20	15	32	10	11
011	17	19	21	33	8	9
010	25	36	26	30	9	13
000	17	47	142	77	228	222
2·2 ^b	5	2	1	1	0	0
2·1	0	4	1	1	0	0
1·2	2	2	0	1	0	0
1·1	7	5	3	5	3	2
1·0	2	5	3	2	1	2
0·1	3	2	4	3	2	0
0·0	7	5	14	13	19	21
Total triads	298	294	291	292	293	293

^a Number of copies of minor allele in mother-father-child.

^b The dots indicate the parent who was missing.

Supplemental Table 3. Distribution of case-parent triad genotypes for *TNF* and *LTA* polymorphisms among cases with nonsmoking parents.

Mother-father-child ^a	Triad counts					
	<i>LTA</i> -379	<i>LTA</i> <i>Nco</i> I	<i>TNF</i> -1031	<i>TNF</i> -857	<i>TNF</i> -308	<i>TNF</i> -238
222	19	6	2	3	0	0
212	10	8	0	1	0	0
211	19	7	1	4	0	0
122	15	6	1	6	0	0
121	13	7	0	5	0	0
201	13	14	2	4	0	0
021	17	9	2	8	0	0
112	20	9	5	18	0	0
111	38	28	4	21	2	0
110	14	15	2	7	0	0
101	16	19	23	30	15	11
100	10	29	25	28	9	6
011	15	27	28	21	20	16
010	20	18	24	33	9	4
000	20	52	137	67	196	215
2·2 ^b	2	1	0	0	0	0
2·1	6	2	1	2	0	0
1·2	5	3	1	1	0	1
1·1	6	4	7	9	1	1
1·0	7	4	1	7	0	2
·11	1	0	0	0	0	0
·10	0	1	0	0	0	0
0·1	4	7	3	7	2	0
0·0	3	9	18	7	25	24
·00	0	0	1	1	1	1
Total triads	293	285	288	290	280	281

^aNumber of copies of minor allele in mother-father-child.

^bThe dots indicate the parent who was missing.

Supplemental Table 4. Measures of pairwise linkage disequilibrium between *TNF* and *LTA* polymorphisms.^a

Locus	<i>LTA</i> -379	<i>LTA NcoI</i>	<i>TNF</i> -1031	<i>TNF</i> -857	<i>TNF</i> -308	<i>TNF</i> -238
<i>LTA</i> -379	-	1.00	0.97	0.99	0.98	1.00
<i>LTA NcoI</i>	0.50	-	0.99	0.99	0.98	1.00
<i>TNF</i> -1031	0.16	0.09	-	0.99	1.00	1.00
<i>TNF</i> -857	0.39	0.20	0.06	-	1.00	0.95
<i>TNF</i> -308	0.04	0.09	0.01	0.02	-	1.00
<i>TNF</i> -238	0.04	0.02	0.25	0.02	< 0.01	-

^a Pairwise linkage disequilibrium coefficients between *TNF* and *LTA* polymorphisms were calculated using FBAT. Lewontin's standardized disequilibrium coefficient (D') is shown above the diagonal. Squared correlation coefficient (r^2) is shown below the diagonal.