

Table 9. Association of *IRF5* region markers with *IRF5* expression in the HapMap CEU population.

Chromosome	Marker	Position [†]	MAF [†]	P [‡]	P conditional on rs10954213 and rs2004640 [§]
7	rs13238831	128,070,432	0.19	0.34	1.00
7	rs1532222	128,070,907	0.26	0.67	1.00
7	rs7780972	128,073,124	0.10	0.65	1.00
7	rs9656375	128,075,202	0.28	0.37	1.00
7	rs10954211	128,075,393	0.26	0.47	0.10
7	rs4731523	128,084,238	0.19	1.00	0.41
7	rs7782976	128,086,942	0.27	0.23	1.00
7	rs6972002	128,093,690	0.24	0.56	1.00
7	rs6948542	128,101,474	0.26	0.83	0.84
7	rs7786945	128,102,425	0.26	0.46	1.00
7	rs6467218	128,102,916	0.28	0.99	1.00
7	rs7792282	128,103,530	0.27	0.77	1.00
7	rs1495461	128,105,702	0.22	0.46	0.92
7	rs960633	128,114,723	0.28	0.58	1.00
7	rs6968225	128,117,569	0.18	0.0036	1.00
7	rs729302	128,122,922	0.32	0.23	1.00
7	rs4728142	128,127,929	0.41	7.47E-06	0.84
7	rs2004640	128,132,263	0.49	8.72E-09	-
7	rs752637	128,133,382	0.45	6.60E-10	1.00
7	rs6975315	128,136,447	0.02	0.71	0.43
7	rs7808907	128,138,046	0.47	1.00	0.86
7	rs2070197	128,142,962	0.09	0.11	0.20
7	rs10954213	128,143,389	0.43	2.83E-09	-
7	rs11770589	128,143,450	0.48	1.04E-06	1.00
7	rs10954214	128,143,595	0.37	1.19E-10	NA
7	rs13242262	128,145,326	0.50	6.82E-09	NA
7	rs10488630	128,147,910	0.28	0.00100	0.63
7	rs10488631	128,148,145	0.16	0.14	1.00
7	rs2280714	128,148,687	0.42	2.75E-11	NA
7	rs10229001	128,153,359	0.45	6.77E-09	NA
7	rs1495458	128,156,954	0.03	0.19	0.55
7	rs2172876	128,157,254	0.38	9.30E-07	0.12
7	rs6957529	128,159,422	0.08	0.06	0.75
7	rs7385716	128,159,556	0.47	1.30E-08	NA
7	rs4731535	128,159,929	0.38	3.95E-07	0.12
7	rs8043	128,161,346	0.38	3.95E-07	0.12
7	rs1258897	128,162,375	0.01	NA	NA
7	rs1874332	128,168,575	0.38	1.00	0.12
7	rs2293492	128,169,028	0.08	0.06	0.75
7	rs12531711	128,171,428	0.17	0.16	0.06
7	rs17338998	128,172,521	0.16	0.27	0.03
7	rs2272347	128,173,377	0.47	3.69E-09	NA
7	rs3817555	128,173,483	0.04	0.46	NA
7	rs7789423	128,175,166	0.42	2.75E-11	NA
7	rs6948928	128,177,059	0.42	2.75E-11	NA
7	rs12534421	128,178,035	0.17	0.16	0.06
7	rs12535158	128,178,981	0.17	0.16	0.06
7	rs12669885	128,179,251	0.04	0.46	NA
7	rs1154330	128,179,750	0.20	0.00619	0.36
7	rs17339221	128,179,876	0.20	0.01	0.36
7	rs2290231	128,180,519	0.04	0.46	NA
7	rs11770317	128,183,433	0.38	9.10E-07	0.12
7	rs6969930	128,184,275	0.46	3.69E-09	NA
7	rs2305323	128,187,680	0.28	0.000998	1.00
7	rs3958094	128,189,225	0.28	0.000998	0.63

7	rs7807018	128,194,146	0.45	9.99E-09	NA
7	rs2305324	128,195,184	0.36	3.69E-06	0.15
7	rs11768572	128,199,250	0.27	0.00281	1.00
7	rs2305325	128,208,798	0.36	3.69E-06	0.15
7	rs6965542	128,209,876	0.48	1.73E-08	NA
7	rs3857852	128,211,235	0.42	6.28E-11	NA
7	rs12539476	128,211,441	0.17	0.16	0.06
7	rs17424179	128,211,953	0.03	0.57	0.53
7	rs12155080	128,212,697	0.46	3.69E-09	NA
7	rs13236009	128,217,131	0.17	0.19	0.05
7	rs13221560	128,217,133	0.39	2.07E-10	NA
7	rs10239340	128,222,468	0.46	3.69E-09	NA
7	rs11762968	128,224,922	0.38	3.95E-07	0.12
7	rs9649520	128,226,603	0.34	9.03E-06	0.16
7	rs921403	128,230,682	0.43	8.49E-11	0.94
7	rs4731541	128,232,194	0.45	8.15E-08	0.94
7	rs1839600	128,236,681	0.02	0.34	0.03
7	rs3807301	128,236,970	0.28	0.00416	0.84
7	rs10279821	128,237,505	0.41	2.46E-10	0.91
7	rs10156169	128,238,529	0.42	1.80E-10	0.66
7	rs11767238	128,240,296	0.29	0.00	0.84
7	rs17424602	128,241,898	0.15	0.33	0.02
7	rs2167273	128,243,371	0.36	3.69E-06	0.15
7	rs6960994	128,246,615	0.26	1.00	0.33
7	rs6961014	128,246,668	0.25	0.00026	0.26
7	rs6980198	128,247,954	0.02	0.71	0.44
7	rs3807300	128,248,049	0.02	0.32	0.97
7	rs2242028	128,248,934	0.25	0.00069	0.35
7	rs13239597	128,249,941	0.17	0.16	0.06
7	rs13246321	128,255,289	0.17	0.19	0.06
7	rs17424921	128,262,080	0.17	0.05	0.34
7	rs17340351	128,262,755	0.18	0.13	0.02
7	rs17167079	128,263,129	0.02	0.11	0.97
7	rs1901198	128,263,747	0.38	1.91E-06	0.04
7	rs7794772	128,264,168	0.02	0.32	0.97
7	rs7795214	128,264,418	0.03	0.32	0.97
7	rs13222967	128,265,186	0.27	0.18	0.49
7	rs7783840	128,265,657	0.26	0.12	0.21
7	rs12537496	128,266,826	0.23	0.01	1.00
7	rs12536719	128,271,698	0.15	0.19	0.53
7	rs12537284	128,271,864	0.16	0.12	0.04
7	rs12537264	128,271,923	0.18	1.00	1.00
7	rs17340542	128,274,003	0.17	0.16	1.00
7	rs17425212	128,275,682	0.18	0.16	0.21
7	rs17340646	128,276,472	0.26	1.00	0.03
7	rs13227095	128,277,901	0.25	0.00176	0.10
7	rs12706862	128,279,283	0.39	0.00163	1.00
7	rs6959557	128,279,508	0.37	0.00595	1.00
7	rs6959965	128,279,680	0.37	0.01	1.00
7	rs7458937	128,282,712	0.32	0.00114	1.00
7	rs2084654	128,283,086	0.38	0.00595	0.13
7	rs4731545	128,286,220	0.41	0.39	0.09

[†] Position of the variant in the HG17 assembly of the human genome.

[‡] Minor Allele Frequency.

[‡] Nominal P value for association of the variant to *IRF5* expression levels in CEPH EBV-transformed B cells from the HapMap CEU population. (Morley et al data; reference 11,12)

[§] Association of the indicated marker under the model that rs10954213 and rs2004640 fully explain all the variance in *IRF5* expression.