

SNP ID	SNPs	Chr	Position†	χ^2 value	Nominal p value	mHag-associated allele	Concordance	
							mHag ⁺ pool	mHag ⁻ pool
CTL-4B1								
rs10421359	G / T	19	1,021,991	52.8185	3.658×10^{-13}	G	20 / 21	36 / 36
rs2242436	C / T	19	1,016,945	35.5298	2.512×10^{-9}	T	19 / 21	33 / 37
rs2279796	A / G	19	1,010,004	34.9318	3.415×10^{-9}	G	18 / 21	34 / 37
rs3752243	A / G	19	1,005,060	34.1305	5.154×10^{-9}	G	18 / 21	33 / 36
rs2269848	C / T	19	1,027,063	33.8236	6.034×10^{-9}	C	20 / 21	31 / 37
rs881768	A / G	19	1,007,065	31.9248	1.603×10^{-8}	G	18 / 21	33 / 37
rs3752242	A / G	19	1,004,677	31.1473	2.392×10^{-8}	A	18 / 21	32 / 36
rs3829687	C / T	19	1,004,299	30.1210	4.059×10^{-8}	T	16 / 19	31 / 34
CTL-3B6								
rs3027952	A / G	19	51,983,410	50.0000	1.537×10^{-12}	A	36 / 36	14 / 14
rs12981126	C / T	19	51,991,975	40.6015	1.867×10^{-10}	T	36 / 36	12 / 14
rs3848528	G / T	19	51,909,941	40.5715	1.896×10^{-10}	G	35 / 36	13 / 14
rs7507695	A / G	19	51,992,492	40.5715	1.896×10^{-10}	G	35 / 36	13 / 14
rs149531	C / T	19	51,998,120	40.5715	1.896×10^{-10}	T	35 / 36	13 / 14
rs312184	A / G	19	52,002,610	40.5715	1.896×10^{-10}	A	35 / 36	13 / 14
rs312183	A / G	19	52,000,506	37.0385	1.158×10^{-9}	A	31 / 32	13 / 14
rs314663	C / G	19	51,893,390	36.5835	1.463×10^{-9}	G	34 / 36	13 / 14
rs588712	A / C	19	51,909,754	36.5835	1.463×10^{-9}	A	34 / 36	13 / 14
rs313835	C / T	19	51,972,629	36.5835	1.463×10^{-9}	C	34 / 36	13 / 14
rs314676	C / T	19	51,888,264	35.7508	2.242×10^{-9}	T	33 / 35	13 / 14
rs12609914	A / G	19	51,996,254	35.7508	2.242×10^{-9}	A	33 / 35	13 / 14
rs313842	C / T	19	51,916,157	35.2214	2.943×10^{-9}	C	34 / 36	12 / 13
rs2016824	A / G	19	51,992,746	34.9164	3.442×10^{-9}	A	32 / 34	13 / 14
rs12609920	A / C	19	51,902,699	34.4045	4.477×10^{-9}	C	33 / 35	12 / 13
rs314659	A / G	19	51,865,467	33.0948	8.777×10^{-9}	A	33 / 36	13 / 14
rs3859426	C / T	19	51,875,256	33.0948	8.777×10^{-9}	T	33 / 36	13 / 14
rs12461093	C / G	19	51,877,759	33.0948	8.777×10^{-9}	G	33 / 36	13 / 14
rs313852	A / G	19	51,979,009	31.7469	1.756×10^{-8}	G	35 / 36	11 / 14
rs8105903	A / C	19	51,979,990	31.7469	1.756×10^{-8}	A	35 / 36	11 / 14
rs314662	G / T	19	51,862,484	30.0173	4.282×10^{-8}	T	32 / 36	13 / 14
CTL-1B2								
rs13144491	C / T	4	69,273,573	44.0000	3.284×10^{-11}	T	13 / 13	31 / 31
rs3100645	G / T	4	69,671,954	44.0000	3.284×10^{-11}	T	13 / 13	31 / 31
rs13348005	A / T	4	69,293,542	44.0000	3.284×10^{-11}	A	13 / 13	31 / 31
rs10034124	G / T	4	69,222,280	42.0000	9.127×10^{-11}	G	13 / 13	29 / 29
rs11732803	A / T	4	69,253,159	30.8597	2.774×10^{-8}	A	10 / 13	31 / 31
rs7435827	A / G	4	69,243,710	30.8597	2.774×10^{-8}	G	10 / 13	31 / 31
rs7442348	C / T	4	69,253,957	30.8597	2.774×10^{-8}	C	10 / 13	31 / 31
rs7434408	A / G	4	69,248,036	28.6364	8.733×10^{-8}	G	9 / 12	30 / 30

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