

						Main Effects						Variance Effects								Adjusted Variance Effects			
SNP	Location	Alleles	EAF	Gene	N	MCQR			MUQR			MCQR				MUQR				MCQR		MUQR	
						Estimates	p-value	ι²	Estimates	p-value	ι²	Estimates	p-value	ι²	% Scaling	Estimates	p-value	ι²	% Scaling	Estimates	p-value	Estimates	p-value
rs1006988	1:85883320	C/G	0.227	DDAH1	71228	-0.03 (0.034)	0.374	0.00%	-0.038 (0.037)	0.311	0.00%	-0.36 (0.071)	4.30E-07	0.00%	16.60%	-0.339 (0.077)	1.04E-05	0.00%	12.70%	-0.3 (0.072)	3.03E-05	-0.296 (0.084)	3.96E-04
rs1006989	1:85883456	T/C	0.181	DDAH1	71230	-0.006 (0.038)	0.882	0.00%	-0.001 (0.041)	0.973	0.00%	-0.413 (0.083)	5.69E-07	11.10%	8.00%	-0.355 (0.084)	2.30E-05	0.00%	1.80%	-0.38 (0.084)	5.93E-06	-0.349 (0.091)	1.34E-04
rs17388437	1:85893389	C/T	0.056	DDAH1	71225	-0.022 (0.072)	0.761	0.00%	-0.014 (0.072)	0.85	0.00%	-0.768 (0.131)	4.93E-09	0.00%	6.60%	-0.491 (0.15)	1.04E-03	0.00%	3.80%	-0.718 (0.141)	3.76E-07	-0.472 (0.164)	4.09E-03
rs1146383	1:85918329	T/C	0.170	DDAH1	71194	0.004 (0.039)	0.929	0.00%	0 (0.042)	0.994	0.00%	-0.418 (0.079)	1.36E-07	0.00%	5.50%	-0.371 (0.086)	1.58E-05	0.00%	1.40%	-0.395 (0.081)	1.06E-06	-0.366 (0.094)	9.34E-05
rs1042712	2:136545844	C/G	0.173	LCT	61370	-0.039 (0.04)	0.333	0.00%	-0.055 (0.044)	0.213	0.00%	-0.458 (0.089)	2.91E-07	9.50%	15.10%	-0.361 (0.091)	7.30E-05	0.00%	16.70%	-0.388 (0.091)	1.88E-05	-0.301 (0.099)	2.46E-03
rs9852677	3:50291617	A/G	0.062	GNAI2	69030	-0.177 (0.074)	0.017	28.00%	-0.175 (0.08)	0.029	23.40%	-0.73 (0.131)	2.46E-08	5.00%	30.10%	-0.531 (0.146)	2.67E-04	5.50%	34.20%	-0.51 (0.142)	3.16E-04	-0.349 (0.164)	0.033
rs2053682	5:170599327	C/A	0.323	RANB17	71183	-0.077 (0.035)	0.026	9.80%	-0.089 (0.04)	0.026	24.60%	-0.325 (0.066)	7.55E-07	0.00%	34.30%	-0.29 (0.069)	2.57E-05	0.00%	32.60%	-0.214 (0.067)	1.34E-03	-0.196 (0.078)	0.012
rs17826057	12:66633164	A/G	0.056	IRAK3	69079	-0.166 (0.077)	0.031	30.30%	-0.176 (0.069)	0.011	0.00%	-0.744 (0.125)	3.03E-09	0.00%	28.00%	-0.545 (0.144)	1.45E-04	0.00%	33.60%	-0.535 (0.138)	1.03E-04	-0.362 (0.158)	0.022
rs8047395	16:53798523	G/A	0.483	FTO	71176	-0.267 (0.036)	1.30E-13	22.20%	-0.273 (0.031)	3.36E-18	0.00%	-0.356 (0.063)	1.98E-08	0.00%	89.60%	-0.366 (0.065)	1.83E-08	0.00%	76.80%	-0.037 (0.065)	0.565	-0.085 (0.07)	0.227
rs1421085	16:53800954	C/T	0.417	FTO	71229	0.377 (0.054)	3.23E-12	63.90%	0.361 (0.044)	1.88E-16	42.80%	0.416 (0.062)	1.87E-11	0.00%	92.30%	0.448 (0.067)	2.23E-11	3.90%	80.20%	0.032 (0.07)	0.646	0.089 (0.078)	0.253
rs9923147	16:53801549	T/C	0.437	FTO	71223	0.361 (0.056)	8.37E-11	66.90%	0.353 (0.045)	3.96E-15	46.10%	0.406 (0.066)	7.67E-10	9.10%	90.30%	0.435 (0.065)	2.17E-11	0.00%	80.90%	0.039 (0.074)	0.597	0.083 (0.077)	0.278
rs17817288	16:53807764	G/A	0.498	FTO	71230	0.276 (0.037)	7.17E-14	22.60%	0.277 (0.031)	1.06E-18	0.80%	0.327 (0.069)	2.06E-06	16.90%	83.80%	0.362 (0.065)	1.93E-08	0.00%	75.90%	0.053 (0.07)	0.452	0.087 (0.07)	0.211
rs1121980	16:53809247	A/G	0.437	FTO	71226	0.351 (0.056)	3.29E-10	68.40%	0.349 (0.046)	2.81E-14	48.60%	0.408 (0.069)	3.89E-09	15.70%	87.30%	0.428 (0.065)	4.32E-11	0.00%	81.40%	0.052 (0.077)	0.501	0.079 (0.077)	0.303
rs7193144	16:53810686	C/T	0.409	FTO	71163	0.367 (0.054)	1.05E-11	62.80%	0.354 (0.045)	2.16E-15	44.60%	0.37 (0.064)	8.71E-09	0.00%	100.90%	0.427 (0.066)	7.38E-11	0.00%	82.70%	-0.003 (0.072)	0.962	0.074 (0.077)	0.336
rs17817449	16:53813367	G/T	0.409	FTO	71230	0.368 (0.052)	1.09E-12	57.30%	0.354 (0.044)	1.53E-15	44.10%	0.396 (0.064)	8.08E-10	2.50%	94.60%	0.436 (0.065)	2.85E-11	0.00%	81.00%	0.021 (0.071)	0.762	0.083 (0.077)	0.281
rs11075987	16:53815161	T/G	0.493	FTO	71120	-0.255 (0.04)	1.42E-10	32.60%	-0.26 (0.032)	3.22E-16	3.00%	-0.3 (0.062)	1.16E-06	0.00%	101.80%	-0.321 (0.065)	6.65E-07	0.00%	83.50%	0.005 (0.064)	0.934	-0.053 (0.07)	0.451
rs3751812	16:53818460	T/G	0.406	FTO	71221	0.366 (0.053)	3.23E-12	60.00%	0.354 (0.043)	3.06E-16	41.10%	0.405 (0.064)	2.43E-10	0.00%	92.10%	0.433 (0.066)	4.74E-11	0.60%	81.40%	0.032 (0.071)	0.65	0.08 (0.076)	0.293
rs11075989	16:53819877	T/C	0.408	FTO	71197	0.366 (0.055)	3.59E-11	64.00%	0.356 (0.044)	2.96E-16	41.80%	0.409 (0.065)	3.95E-10	5.00%	91.00%	0.436 (0.066)	4.41E-11	1.60%	81.30%	0.037 (0.073)	0.618	0.082 (0.077)	0.289
rs9939609	16:53820527	A/T	0.409	FTO	71218	0.367 (0.053)	5.52E-12	61.60%	0.354 (0.044)	5.58E-16	42.40%	0.428 (0.065)	5.03E-11	4.90%	87.30%	0.432 (0.066)	5.40E-11	0.90%	81.70%	0.054 (0.072)	0.453	0.079 (0.077)	0.303
rs7185735	16:53822651	G/A	0.409	FTO	71226	0.365 (0.054)	1.40E-11	63.30%	0.354 (0.044)	5.59E-16	42.40%	0.386 (0.066)	4.00E-09	4.70%	96.20%	0.44 (0.066)	1.88E-11	0.00%	80.30%	0.015 (0.073)	0.843	0.087 (0.076)	0.257
rs9941349	16:53825488	T/C	0.424	FTO	71170	0.338 (0.051)	3.59E-11	59.10%	0.342 (0.043)	1.09E-15	39.90%	0.351 (0.064)	3.59E-08	0.00%	97.40%	0.395 (0.065)	1.34E-09	0.00%	86.10%	0.009 (0.07)	0.896	0.055 (0.076)	0.467
rs9922708	16:53831146	T/C	0.440	FTO	71142	0.341 (0.052)	7.73E-11	62.60%	0.335 (0.046)	3.64E-13	49.10%	0.361 (0.068)	1.04E-07	7.40%	95.60%	0.365 (0.065)	1.85E-08	0.00%	91.50%	0.016 (0.074)	0.831	0.031 (0.077)	0.688
rs12149832	16:53842908	A/G	0.420	FTO	71204	0.346 (0.054)	1.64E-10	62.20%	0.341 (0.048)	8.21E-13	51.40%	0.374 (0.066)	1.35E-08	2.60%	93.80%	0.392 (0.065)	1.93E-09	0.00%	86.60%	0.023 (0.073)	0.753	0.053 (0.078)	0.502
rs11642841	16:53845487	A/C	0.402	FTO	71186	0.301 (0.05)	1.84E-09	57.80%	0.289 (0.045)	1.02E-10	43.10%	0.337 (0.079)	1.96E-05	30.00%	89.50%	0.339 (0.066)	3.33E-07	0.00%	84.70%	0.035 (0.084)	0.672	0.052 (0.078)	0.503
rs11672660	19:46180184	T/C	0.208	GIPR	68568	-0.183 (0.038)	1.26E-06	0.00%	-0.197 (0.04)	6.15E-07	0.00%	-0.485 (0.078)	6.23E-10	1.00%	46.60%	-0.427 (0.082)	1.86E-07	0.00%	47.80%	-0.259 (0.08)	1.17E-03	-0.223 (0.089)	0.012
rs10423928	19:46182304	A/T	0.208	GIPR	68569	-0.181 (0.038)	1.38E-06	0.00%	-0.197 (0.04)	6.23E-07	0.00%	-0.495 (0.086)	9.89E-09	16.60%	45.40%	-0.436 (0.082)	1.04E-07	0.00%	46.80%	-0.27 (0.088)	2.01E-03	-0.232 (0.089)	9.32E-03