

CHR1	SNP1	CHR2	SNP2	OR_INT	STAT	P	Gene 1	Gene 2
1	chr1_12253062	1	chr1_206239574	7.223	17.57	2.77E-05	C1orf186	TNFRSF1B
2	chr2_103136446	19	chr19_10103583	1.585	17.34	3.13E-05	COL5A3	SLC9A4
2	chr2_103136309	19	chr19_10103583	1.563	16.55	4.73E-05	COL5A3	SLC9A4
2	chr2_103136446	19	chr19_10102567	1.561	16.32	5.34E-05	COL5A3	SLC9A4
2	chr2_103136446	19	chr19_10102676	1.549	16.07	6.10E-05	COL5A3	SLC9A4
2	chr2_103095404	19	chr19_10090634	1.881	15.95	6.51E-05	COL5A3	SLC9A4
2	chr2_103136446	19	chr19_10099910	1.57	15.81	6.99E-05	COL5A3	SLC9A4
12	chr12_112518803	17	chr17_78221850	1.582	15.75	7.21E-05	NAA25	SLC26A11
2	chr2_103136309	19	chr19_10099910	1.559	15.43	8.57E-05	COL5A3	SLC9A4
2	chr2_103136309	19	chr19_10102676	1.527	15.29	9.24E-05	COL5A3	SLC9A4
2	chr2_103136309	19	chr19_10102567	1.532	15.16	9.89E-05	COL5A3	SLC9A4
5	chr5_150647040	5	chr5_150901597	2.421	14.71	0.0001251	FAT2	GM2A
12	chr12_112518803	17	chr17_78215566	1.548	14.61	0.0001323	NAA25	SLC26A11
11	chr11_66031660	13	chr13_20763612	0.3825	14.44	0.000145	GJB2	KLC2
5	chr5_150647040	5	chr5_150908813	2.348	14.08	0.000175	FAT2	GM2A
5	chr5_150647040	5	chr5_150905398	2.312	14	0.0001825	FAT2	GM2A
1	chr1_12253062	1	chr1_206239993	5.239	13.92	0.0001905	C1orf186	TNFRSF1B
1	chr1_11860458	1	chr1_152552461	0.4297	12.11	0.0005013	LCE3D	MTHFR
1	chr1_11860458	7	chr7_31682601	0.3033	11.37	0.0007478	CCDC129	MTHFR
2	chr2_102984279	12	chr12_122703014	1.568	11.33	0.0007613	DIABLO	IL18R1
2	chr2_103149100	5	chr5_150908813	0.5332	10.64	0.001106	FAT2	SLC9A4
12	chr12_56348028	21	chr21_34926043	1.667	10.33	0.001311	PMEL	SON
5	chr5_79773028	19	chr19_10251747	2.696	10.25	0.001367	DNMT1	ZFYVE16
5	chr5_95728974	5	chr5_150905398	1.843	10.25	0.001369	FAT2	PCSK1
5	chr5_79745469	19	chr19_10251747	2.546	10.14	0.00145	DNMT1	ZFYVE16
5	chr5_150647040	5	chr5_150867452	2.049	9.93	0.001626	GM2A	SLC36A1
12	chr12_112110489	17	chr17_78221850	1.537	9.325	0.002261	BRAP	SLC26A11
12	chr12_56348028	21	chr21_34945721	1.594	9.145	0.002494	PMEL	SON
5	chr5_150632832	5	chr5_150905398	2.013	9.046	0.002632	FAT2	GM2A
2	chr2_103001402	19	chr19_10090634	1.483	9.032	0.002653	COL5A3	IL18R1
1	chr1_234566085	17	chr17_78221850	0.6641	8.802	0.003009	SLC26A11	TARBP1
17	chr17_73847613	21	chr21_34945721	1.72	8.582	0.003394	SON	WBP2
1	chr1_158549420	18	chr18_12429313	0.7048	8.533	0.003488	OR10X1	PRELID3A
1	chr1_152195579	2	chr2_102984279	1.428	8.52	0.003513	HRNR	IL18R1
5	chr5_150632832	5	chr5_150901597	2.004	8.473	0.003606	FAT2	GM2A
5	chr5_95728974	5	chr5_150908813	1.742	8.385	0.003783	FAT2	PCSK1
5	chr5_95728898	5	chr5_150905398	1.734	8.369	0.003816	FAT2	PCSK1
5	chr5_131671599	17	chr17_78221850	0.01378	8.352	0.003852	SLC22A4	SLC26A11
2	chr2_103149100	5	chr5_150905398	0.5813	8.276	0.004017	FAT2	SLC9A4
5	chr5_95728974	5	chr5_150901597	1.746	8.235	0.004109	FAT2	PCSK1
1	chr1_26898098	11	chr11_64037679	0.01256	8.222	0.004139	BAD	RPS6KA1
1	chr1_158549492	18	chr18_12429313	0.71	8.185	0.004224	OR10X1	PRELID3A
5	chr5_150632832	5	chr5_150908813	1.954	8.053	0.004542	FAT2	GM2A
5	chr5_131670546	17	chr17_73997474	1.603	7.992	0.004697	SLC22A4	TEN1-CDK3
5	chr5_150632832	5	chr5_150867452	1.947	7.931	0.004858	GM2A	SLC36A1
2	chr2_103141447	5	chr5_150908813	0.5834	7.898	0.004948	FAT2	SLC9A4
17	chr17_73847799	21	chr21_34945721	1.666	7.829	0.00514	SON	WBP2
6	chr6_138655939	17	chr17_73847799	5.509	7.815	0.005182	ARFGEF3	WBP2
1	chr1_234566085	17	chr17_78215566	0.6893	7.679	0.005588	SLC26A11	TARBP1
5	chr5_131671599	17	chr17_78215566	0.0295	7.589	0.005871	SLC22A4	SLC26A11
6	chr6_138655939	17	chr17_73847613	5.356	7.548	0.006007	ARFGEF3	WBP2
1	chr1_26900698	11	chr11_64037679	0.04272	7.451	0.006341	BAD	RPS6KA1
2	chr2_103149100	5	chr5_150901597	0.5975	7.407	0.006497	FAT2	SLC9A4
1	chr1_234582651	17	chr17_78221850	1.38	7.367	0.006645	SLC26A11	TARBP1
12	chr12_6637845	18	chr18_13103660	0.4158	7.348	0.006715	CEP192	NCAPD2
12	chr12_7023123	17	chr17_76421467	0.4435	7.319	0.006825	DNAH17	LRRC23
12	chr12_7023123	17	chr17_76421464	0.4438	7.308	0.006863	DNAH17	LRRC23
17	chr17_73847613	21	chr21_34876708	1.661	7.289	0.006937	GART	WBP2
2	chr2_103001402	19	chr19_10099910	1.361	7.284	0.006957	COL5A3	IL18R1
1	chr1_27089446	1	chr1_234594947	4.094	7.253	0.007078	ARID1A	TARBP1

5	chr5_95728898	5	chr5_150901597	1.683	7.252	0.007084	FAT2	PCSK1
1	chr1_152285930	2	chr2_102984279	1.386	7.235	0.007151	FLG	IL18R1
12	chr12_7023123	17	chr17_76425176	0.4454	7.231	0.007166	DNAH17	LRRRC23
12	chr12_112110489	17	chr17_78215566	1.443	7.231	0.007167	BRAP	SLC26A11
5	chr5_95728898	5	chr5_150908813	1.669	7.223	0.007197	FAT2	PCSK1
1	chr1_26883412	11	chr11_64037679	0.02669	7.166	0.007428	BAD	RPS6KA1
1	chr1_26887980	11	chr11_64037679	0.02669	7.166	0.007428	BAD	RPS6KA1
17	chr17_73847799	21	chr21_34876708	1.649	7.146	0.007512	GART	WBP2
1	chr1_27089446	1	chr1_234584231	4.105	7.085	0.007773	ARID1A	TARBP1
1	chr1_234584231	17	chr17_78221850	1.373	7.078	0.007802	SLC26A11	TARBP1
12	chr12_6637845	18	chr18_13059173	0.4169	7.071	0.007835	CEP192	NCAPD2
5	chr5_131663062	17	chr17_73997474	1.545	7.045	0.00795	SLC22A4	TEN1-CDK3
1	chr1_152280372	12	chr12_6970635	2.524	7.036	0.007989	FLG	USP5
5	chr5_131720070	17	chr17_73997474	1.55	6.97	0.008291	SLC22A5	TEN1-CDK3
1	chr1_234582651	17	chr17_78215566	1.362	6.884	0.008696	SLC26A11	TARBP1
1	chr1_152192555	2	chr2_102984279	1.372	6.841	0.008908	HRNR	IL18R1
1	chr1_152285930	12	chr12_6970635	2.332	6.724	0.009511	FLG	USP5
1	chr1_152283236	12	chr12_6970635	2.272	6.704	0.009618	FLG	USP5
1	chr1_158549511	18	chr18_12429313	0.7337	6.681	0.009743	OR10X1	PRELID3A
1	chr1_152286367	2	chr2_102984279	1.366	6.635	0.009999	FLG	IL18R1