

diseaseId	targetId	gwassEffect	studyId	locusId	oddsRatio	beta	l2g_score	left_var_right_study_beta (QTL)	colocMechanism	drugMechanism	maximum_phase
MONDO_0005277	ENSG00000175868	protective	GCST90038646	11_14977643_T_C	0.9979255247		0.6531335711	0.246096	gof	LoF_protect	4
EFO_0000685	ENSG00000105397	protective	FINNEN_R6_RHEUMA_SEROPOS	19_10352442_G_C	0.6809952145		0.4131592512	-0.833979547	lof	LoF_protect	4
EFO_0000537	ENSG00000187486	protective	GCST90038604	11_17384070_C_T	0.9934014368		0.2468101233	-0.680492	lof	LoF_protect	4
HP_0000964	ENSG00000169194	protective	5_132660272_A_G	0.9969042218		0.7525783181	0.150417	lof	LoF_protect	4	
EFO_0000676	ENSG00000105397	protective	NEALE2_20002_1453	19_10352442_G_C	0.6866284732		0.464432827	-0.936054647	lof	LoF_protect	4
EFO_0000384	ENSG00000096968	protective	GCST004132	9_4984530_G_C	0.8470462342		0.6987872637	-0.120878	lof	LoF_protect	4
MONDO_0004979	ENSG00000137033	protective	GCST008662	9_6209697_A_G	0.8537233362		0.5954575929	0.384313792	gof	LoF_protect	4
EFO_0004237	ENSG00000165409	protective	FINNEN_R6_AUTOIMMUNE_HYPERTHYROIDISM	14_80966694_T_C	0.7052097519		0.8331034184	0.400831	gof	LoF_protect	4
EFO_0001645	ENSG00000169174	protective	FINNEN_R6_I9_CHD_NOREV	1_55039974_G_T	0.7895042991		0.7637678385	-0.6425	lof	LoF_protect	4
EFO_0001645	ENSG00000169174	protective	GCST005194	1_55039974_G_T	0.7861560259		0.7637678385	-0.6425	lof	LoF_protect	4
MONDO_0004979	ENSG00000137033	protective	FINNEN_R6_ASTHMA_INFECTIONS	9_6213387_G_A	0.881068415		0.7934997678	0.3367887139	gof	LoF_protect	3
MONDO_0005148	ENSG00000137033	protective	NEALE2_3786_raw	9_6213468_C_T		-1.12405	0.53929994583	-0.3288864791	lof	LoF_protect	3
EFO_0000612	ENSG00000169174	protective	FINNEN_R6_I9_MI	1_55039974_G_T	0.7472615659		0.7637678385	-0.6425	lof	LoF_protect	3
EFO_0003767	ENSG00000090339	protective	GCST004131	19_10385945_C_T	0.8952072708		0.1343309283	0.315124	lof	LoF_protect	4
EFO_0000612	ENSG00000169174	protective	GCST011364	1_55039974_G_T	0.7626438055		0.7637678385	-0.6425	lof	LoF_protect	4
MONDO_0021187	ENSG00000169174	protective	FINNEN_R6_E4_HYPERLIPINAS	1_55039974_G_T	0.6612125054		0.7637678385	-0.6425	lof	LoF_protect	4
MONDO_0100096	ENSG00000243646	protective	GCST011083	21_33242905_T_C	0.8301739681		0.4189786911	-0.7545663118	lof	GoF_protect	3
MONDO_0005148	ENSG00000006071	protective	FINNEN_R6_E4_DM2_STRICT	11_17391413_A_G	0.9358968608		0.09283318371	-0.3231498301	lof	LoF_protect	2
EFO_0000537	ENSG00000137972	protective	SAIGE_401	4_110467945_C_C	0.8481066296		0.8703560233	0.171846	lof	LoF_protect	4
EFO_0000684	ENSG00000105397	protective	FINNEN_R6_RX_CROHN_2NDLINE	19_10352442_G_C	0.735995777		0.4753572647	-0.833979547	lof	LoF_protect	4
EFO_0000275	ENSG00000163485	protective	FINNEN_R6_I9_AF	1_203057096_T_G	0.9180732996		0.251149416	-0.0997026	lof	LoF_protect	3
EFO_0000275	ENSG00000163485	protective	FINNEN_R6_I9_AF	1_203057096_T_G	0.9180732996		0.251149416	-0.0997026	lof	GoF_protect	3
MONDO_0006147	ENSG00000134460	protective	GCST90014023	10_6052734_C_T	0.6946439661		0.7555949698	0.233478753	gof	LoF_protect	4
MONDO_0005148	ENSG00000134460	protective	GCST90014023	10_6052734_C_T	0.6946439661		0.7555949698	0.233478753	gof	GoF_protect	4
MONDO_0005148	ENSG00000187486	protective	FINNEN_R6_E4_DM2	11_17388025_C_C	0.9409926032		0.6848490834	-1.1029	lof	LoF_protect	4
EFO_0000319	ENSG00000169174	protective	NEALE2_20107_1	1_55039974_G_T	0.8914162554		0.6807161164	-0.6425	lof	LoF_protect	4
EFO_0000341	ENSG00000120915	protective	FINNEN_R6_COPO_MODE	8_27555088_A_G	0.8228428864		0.5424476266	1.20622	lof	LoF_protect	4
EFO_0000341	ENSG00000163485	protective	FINNEN_R6_CARDIAC_ARRHYTHM	1_203065181_G_A	0.9421224721		0.2542836368	-0.111212	lof	LoF_protect	4
EFO_0003767	ENSG00000105397	protective	GCST004131	19_10385945_C_T	0.8952072708		0.1848818362	-0.4511096776	lof	LoF_protect	4
MONDO_0004979	ENSG00000137033	protective	FINNEN_R6_I10_ASTHMA_MAIN	9_6210099_T_C	0.89119982		0.5834385157	0.3804743588	lof	LoF_protect	4
EFO_0001645	ENSG00000169174	protective	GCST005195	1_55039974_G_T	0.78989389		0.7637678385	-0.6425	lof	LoF_protect	3
HP_0003124	ENSG00000132855	protective	SAIGE_272_11	1_62582606_A_G	0.9502786705		0.1376662254	-0.594021	lof	LoF_protect	4
EFO_0001645	ENSG00000169174	protective	FINNEN_R6_I9_CHD	1_55039974_G_T	0.7759323038		0.7637678385	-0.6425	lof	LoF_protect	3
MONDO_0004979	ENSG00000145777	protective	GCST90014325	5_111134439_C_A	0.9319938117		0.456806004	1.79649	lof	LoF_protect	4
MONDO_0005277	ENSG00000145777	protective	GCST005038	5_111134439_C_A	0.9302517784		0.1240816414	-0.335534	lof	LoF_protect	4
EFO_0001645	ENSG00000164116	protective	GCST005194	4_155515356_A_G	0.9465798012		0.5802072287	0.16872	lof	GoF_protect	4
EFO_0000319	ENSG00000164116	protective	GCST90038595	4_155725188_T_A	0.9890044061		0.6946029067	0.8245860338	lof	GoF_protect	4
EFO_0000400	ENSG00000187486	protective	NEALE2_2443	11_17386857_C_T	0.9249728319		0.727741003	-0.67301	lof	LoF_protect	4
EFO_0000537	ENSG00000061918	protective	NEALE2_20002_1065	4_155512156_G_A	0.9675862227		0.1762962341	0.3611127734	lof	GoF_protect	3
EFO_0000537	ENSG00000164116	protective	SAIGE_401	4_155721732_A_G	0.932766852		0.7113258243	0.8245860338	lof	GoF_protect	4
EFO_0001645	ENSG00000087237	protective	GCST005194	16_56959249_G_A	0.96390742		0.5431936979	-0.612596	lof	LoF_protect	4
EFO_0000537	ENSG00000115252	protective	GCST90038604	2_182096544_C_T	0.94284327		0.05690344796	-0.6112624407	lof	LoF_protect	4
EFO_1001486	ENSG00000168811	protective	GCST005581	3_160018881_A_C	0.7342		0.7574423552	0.341817	lof	LoF_protect	4
EFO_0003778	ENSG00000105397	protective	FINNEN_R6_M13_PSORIARTH	19_10355447_C_T	0.801605621		0.4439769089	-0.5048311119	lof	LoF_protect	4
EFO_0000612	ENSG00000169174	protective	FINNEN_R6_I9_MI_STRICT	1_55039974_G_T	0.7549301882		0.7637678385	-0.6425	lof	LoF_protect	3
EFO_0000384	ENSG00000105397	protective	GCST004132	19_10381598_C_T	0.6899059466		0.2909311056	-0.804699261	lof	LoF_protect	4
MONDO_0004979	ENSG00000115594	protective	FINNEN_R6_I10_ASTHMA_MAIN_EXMORE	2_102164706_T_A	0.865688168		0.2521899045	-0.395566	lof	LoF_protect	4
EFO_0002075	ENSG00000055118	protective	GCST006414	7_150964321_G_A	0.9432725629		0.5558583248	-0.309322	lof	LoF_protect	4
EFO_0001663	ENSG00000100519	protective	GCST006085	14_52957340_G_C	0.9042946784		0.05515163764	0.1552603543	gof	LoF_protect	4
EFO_0000400	ENSG00000187486	protective	FINNEN_R6_E4_DIABETES	11_17386857_C_T	0.9432065362		0.7569937706	-1.04511	lof	LoF_protect	4
EFO_0000676	ENSG00000105397	protective	GCST005527	19_10352442_G_C	0.4789		0.402518034	-0.833979547	lof	LoF_protect	4
MONDO_0005147	ENSG00000134460	protective	GCST90014023	10_6040990_G_T	0.900223328		0.8300750256	0.792446	lof	LoF_protect	3
MONDO_0005147	ENSG00000134460	protective	GCST90014023	10_6040990_G_T	0.900223328		0.8300750256	0.792446	lof	GoF_protect	4
EFO_0000400	ENSG00000132170	protective	FINNEN_R6_E4_DIABETES	3_12288284_C_T	0.9089274509		0.7464818161	1.35236	lof	GoF_protect	4
EFO_0004247	ENSG00000149295	protective	GCST006475	11_113515625_T_G		-0.01722	0.7219712138	-0.454505	lof	LoF_protect	4
EFO_0003761	ENSG00000149295	protective	GCST006475	11_113515625_T_G		-0.01722	0.7219712138	-0.454505	lof	LoF_protect	4
EFO_0003761	ENSG00000149295	protective	GCST006475	11_113515625_T_G		-0.01722	0.7219712138	-0.454505	lof	GoF_protect	2
MONDO_0005148	ENSG00000060711	protective	GCST008667	11_17378083_C_T	0.9344473444		0.2158977389	0.2653318644	lof	LoF_protect	4
EFO_0003778	ENSG00000105397	protective	FINNEN_R6_L12_PSORI_ARTHRO	19_10355447_C_T	0.8101547501		0.4499388039	-0.5048311119	lof	LoF_protect	4
EFO_0000400	ENSG00000132170	protective	NEALE2_2443	3_12288284_C_T	0.9008863228		0.7447339702	1.35236	lof	GoF_protect	4
MONDO_0005178	ENSG00000163235	protective	FINNEN_R6_M13_ARTHROSIS_INCLAVO	2_70478899_A_G	0.9202786705		0.7802470326	0.215061	lof	LoF_protect	4
EFO_0000400	ENSG00000060711	protective	NEALE2_20002_1220	11_17386857_C_T	0.9205074607		0.2189971358	0.2595982847	lof	LoF_protect	4
MONDO_0005148	ENSG00000187486	protective	FINNEN_R6_E4_DM2NASCOMP	11_17388025_T_C	0.9393935366		0.6807842255	-1.1029	lof	LoF_protect	4
EFO_0000612	ENSG00000164116	protective	GCST011365	4_155718796_G_C	0.934013		0.6371096969	0.8245860338	lof	GoF_protect	4
EFO_0000537	ENSG00000160882	protective	SAIGE_401	8_142925688_T_C	0.9630981031		0.1615081429	-0.1630328	lof	LoF_protect	3
EFO_0000400	ENSG00000187486	protective	FINNEN_R6_KELA_DIAB_INSUL_EXMORE	11_17386857_C_T	0.938586743		0.7378010154	-1.04511	lof	LoF_protect	4
MONDO_0005178	ENSG00000163235	protective	GCST90038686	2_70491563_G_C	0.9964225145		0.7558130026	0.2971446216	lof	LoF_protect	4
EFO_0000384	ENSG00000065989	protective	GCST003044	19_10414506_G_A	0.8664308299		0.158473994	-0.8277813196	lof	LoF_protect	4
Orphanet_309005	ENSG00000169174	protective	FINNEN_R6_E4_LIPOPROT	1_55039974_G_T	0.8399243973		0.7637678385	-0.6425	lof	LoF_protect	4
MONDO_0005148	ENSG00000187486	protective	GCST008667	11_17378083_C_T	0.9344473444		0.7085474391	-0.697503	lof	LoF_protect	4
EFO_0000275	ENSG00000110900	protective	GCST006414	3_24421744_T_C	0.9566869143		0.7552132607	0.3038860569	lof	GoF_protect	3
EFO_0000537	ENSG00000164116	protective	GCST90038604	4_155512156_G_A	0.922776337		0.5707996378	0.129345	lof	GoF_protect	3
MONDO_0005148	ENSG00000060711	protective	FINNEN_R6_T2D	11_17391413_A_G	0.9361683103		0.06887416124	-0.3231498301	lof	LoF_protect	2
MONDO_0100096	ENSG00000159110	protective	GCST011081	21_33242905_T_C	0.848503647		0.5416203737	0.7691166401	lof	GoF_protect	3
EFO_0000400	ENSG00000060711	protective	GCST90038633	11_17386857_C_T	0.962343977		0.0781				

EFO_000729	ENSG0000009698	protective	GCST003045	9_4981802_C_A	0.866551371	0.720316112	-0.118108	lof	LoF_protect	4
EFO_000378	ENSG00000105397	protective	FINNGEN_RE_PSOR_ENTE_ARTHR	19_10355447_C_T	0.806751182	0.318515718	-0.504883119	lof	LoF_protect	4
MONDO_000548	ENSG00000132170	protective	FINNGEN_RE_E4_DM2NOCOMP	3_12295008_G_A	0.902496924	0.766037643	1.3526	gof	LoF_protect	4
MONDO_000518	ENSG00000132170	protective	FINNGEN_RE_E4_DM2NOCOMP	3_12295008_G_A	0.902496924	0.766037643	1.3526	gof	GoF_protect	4
EFO_000400	ENSG0000006071	protective	FINNGEN_RE_DIABETES_FG	11_17388857_C_T	0.9426030771	0.09627184272	-0.3062649399	lof	LoF_protect	4
EFO_000319	ENSG00000169174	protective	FINNGEN_RE_I9_HEARTFAIL_AND_CHD	1_55039974_G_T	0.7771281601	0.7447344664	-0.6425	lof	LoF_protect	4
MONDO_0005301	ENSG00000114013	protective	GCST001198	3_122077921_G_A	0.8265	0.7636008859	-0.79424	lof	LoF_protect	4
MONDO_000518	ENSG00000132170	protective	FINNGEN_RE_T2D	3_12288284_C_T	0.8971071234	0.745623684	1.3526	gof	LoF_protect	4
MONDO_0005148	ENSG00000132170	protective	FINNGEN_RE_T2D	3_12288284_C_T	0.8971071234	0.745623684	1.3526	gof	GoF_protect	4
EFO_000537	ENSG00000164116	protective	GCST90038604	4_155718736_G_T	0.9901164168	0.7455260158	0.8245860338	lof	GoF_protect	4
MONDO_0004979	ENSG00000115594	protective	FINNGEN_RE_ASTHMA_ACUTE_RESPIRATORY_INFECTIONS	2_102447060_G_A	0.865896407	0.1178377047	-0.383798	lof	LoF_protect	4
MONDO_0005178	ENSG00000163235	protective	FINNGEN_RE_M13_ARTHROSIS	2_70489467_T_C	0.9437631922	0.7896199226	0.196154	lof	LoF_protect	4
HP_0003124	ENSG00000169174	protective	NEALE2_20002_1473	1_55039974_G_T	0.6324616294	0.7637678385	-0.6425	lof	LoF_protect	4
MONDO_0005178	ENSG00000163235	protective	NEALE2_20002_1465	2_70490521_A_G	0.9452989771	0.7778140903	0.218081	gof	LoF_protect	4
EFO_000400	ENSG00000151623	protective	GCST90038599	4_148766227_C_T	0.9938197269	0.4493746459	0.24981	gof	LoF_protect	4
EFO_000319	ENSG00000164116	protective	GCST90038595	4_155499453_A_T	0.9936060489	0.6184351444	0.154202	gof	GoF_protect	4
EFO_0001645	ENSG00000164116	protective	GCST005194	4_155714157_G_A	0.9377236402	0.788799107	0.8245860338	gof	GoF_protect	2
MONDO_0004979	ENSG00000137033	protective	NEALE2_22127	9_6197392_T_C	0.8488404733	0.6405953765	0.3658811714	lof	LoF_protect	4
MONDO_0100096	ENSG00000159110	protective	GCST011083	21_33242905_T_C	0.8301739681	0.552266736	0.7691196401	gof	GoF_protect	4
MONDO_0005148	ENSG00000006071	protective	FINNGEN_RE_T2D_INCLAVO	11_17387083_C_T	0.9391876307	0.08374679089	-0.3131318688	lof	LoF_protect	4
EFO_0003948	ENSG00000149259	protective	GCST90036054	11_113415708_C_T	0.8720591933	0.2238997694	0.2598871972	gof	LoF_protect	4
MONDO_0005148	ENSG00000132170	protective	GCST005413	3_12355414_G_A	0.8176970946	0.7572974563	1.26902	gof	LoF_protect	4
MONDO_0005148	ENSG00000132170	protective	GCST005413	3_12355414_G_A	0.8176970946	0.7572974563	1.26902	gof	GoF_protect	4
EFO_000400	ENSG00000006071	protective	FINNGEN_RE_DM_OTHER_WIDE	11_17388857_C_T	0.9392731203	0.08685481077	-0.3062649399	lof	LoF_protect	4
MONDO_0005148	ENSG00000132170	protective	FINNGEN_RE_E4_DM2_STRICT	3_12288284_C_T	0.8981663346	0.745623684	1.3526	gof	LoF_protect	4
MONDO_0005148	ENSG00000132170	protective	FINNGEN_RE_E4_DM2_STRICT	3_12288284_C_T	0.8981663346	0.745623684	1.3526	gof	GoF_protect	4
MONDO_0005148	ENSG00000132170	protective	GCST008687	3_12353341_C_T	0.8942230842	0.8183328509	1.14634	gof	LoF_protect	4
MONDO_0005148	ENSG00000132170	protective	GCST008687	3_12353341_C_T	0.8942230842	0.8183328509	1.14634	gof	GoF_protect	4
EFO_000537	ENSG00000164116	protective	FINNGEN_RE_I9_HYPERTENSION	4_155718022_G_A	0.935475802	0.7744671106	0.6826027638	lof	GoF_protect	4
EFO_000275	ENSG00000128218	protective	GCST006414	13_113218398_T_C	0.958063015	0.06883330843	-0.337025	lof	LoF_protect	4
EFO_000537	ENSG00000091831	protective	GCST90038604	6_151569654_C_T	0.9944891165	0.05591560155	0.0152609492	lof	GoF_protect	3
MONDO_0021187	ENSG00000169174	protective	SAIGE_272_1	1_55039974_G_T	0.7160537822	0.7637678385	-0.6425	lof	LoF_protect	4
MONDO_0004979	ENSG00000137033	protective	NEALE2_8152_8	9_6209697_A_G	0.8712174923	0.6467275030	0.384313792	gof	LoF_protect	4
EFO_0003911	ENSG00000171385	protective	FINNGEN_RE_I9_AF	1_111920327_TCC_T	0.8880653024	0.8502500653	0.5558282	lof	LoF_protect	4
EFO_000275	ENSG00000171385	protective	FINNGEN_RE_I9_AF	1_111920327_TCC_T	0.8880653024	0.8502500653	0.5558282	lof	LoF_protect	4
EFO_1001486	ENSG00000168811	protective	GCST003129	3_160028076_T_C	0.708	0.7197236929	0.356219	lof	LoF_protect	2
HP_0003124	ENSG00000169174	protective	SAIGE_272_11	1_55023869_C_T	0.9311824955	0.5571215153	-1.41702	lof	LoF_protect	4
MONDO_0100096	ENSG00000243646	protective	GCST011078	21_33248146_G_A	0.8277947846	0.4126897454	-0.7790421844	lof	GoF_protect	4
EFO_000537	ENSG00000159640	protective	NEALE2_20002_1065	17_63471587_C_A	0.9515403056	0.6822519898	0.758464	lof	LoF_protect	4
EFO_000319	ENSG00000169174	protective	GCST90038595	1_55039974_G_T	0.975202137	0.7637678385	-0.6425	lof	LoF_protect	4
EFO_000537	ENSG00000138792	protective	FINNGEN_RE_I9_HYPERTENS	4_110465271_G_A	0.9371518032	0.8380755782	0.232189	lof	LoF_protect	4
EFO_000384	ENSG00000100985	protective	GCST004132	20_4606273_G_A	0.89601332	0.5693468451	-0.643581	lof	LoF_protect	4
MONDO_0005147	ENSG00000100385	protective	GCST90014023	22_37139908_A_G	0.9169255488	0.744977653	0.0879	gof	GoF_protect	4
MONDO_0005147	ENSG00000100385	protective	GCST90014023	22_37139908_A_G	0.9169255488	0.744977653	0.0879	gof	LoF_protect	4
EFO_0004698	ENSG00000142319	protective	NEALE2_1200	5_1442864_C_T	0.9169460442	0.8026090202	0.596148	lof	LoF_protect	4
MONDO_0005147	ENSG00000134460	protective	GCST90013791	10_6040433_C_C	0.9169460442	0.8162275553	0.792376	lof	LoF_protect	3
MONDO_0005147	ENSG00000134460	protective	GCST90013791	10_6040433_C_C	0.9169460442	0.8162275553	0.792376	lof	GoF_protect	4
EFO_0003778	ENSG00000105397	protective	FINNGEN_RE_M13_PSORIARTH_ICD10	19_10355447_C_T	0.8050024163	0.4493667185	-0.504883119	lof	LoF_protect	4
EFO_000341	ENSG00000120915	protective	FINNGEN_RE_I10_COPDNAS_INCLAVO	8_27555088_A_G	0.8603981773	0.3486383259	1.20262	lof	LoF_protect	4
EFO_000384	ENSG00000134460	protective	GCST003044	10_6039267_C_A	0.8823813031	0.7282461524	-0.477292	lof	GoF_protect	4
EFO_0003768	ENSG00000101204	protective	SAIGE_318	20_63352965_C_T	0.9174107307	0.601103127	0.347213	lof	GoF_protect	4
MONDO_0004979	ENSG00000145777	protective	SAIGE_495	5_11134439_C_A	0.9197071269	0.4197198749	1.79649	lof	LoF_protect	4
EFO_000729	ENSG0000009698	protective	GCST004133	9_4984530_G_C	0.8461996113	0.6978726387	-0.120878	lof	LoF_protect	4
EFO_000275	ENSG00000163485	protective	GCST006414	1_203057086_T_G	0.9409173268	0.2562526464	0.041920153	lof	LoF_protect	4
EFO_000275	ENSG00000163485	protective	GCST006414	1_203057086_T_G	0.9409173268	0.2562526464	0.041920153	lof	GoF_protect	4
MONDO_0004979	ENSG00000115594	protective	FINNGEN_RE_I10_ASTHMA_MAIN	2_102164706_T_A	0.864468856	0.1248254552	-0.395566	lof	LoF_protect	4
EFO_0007427	ENSG00000125538	protective	SAIGE_420_2	2_112851991_C_T	0.7764678818	0.6047493219	-0.674094	lof	LoF_protect	4
EFO_0003767	ENSG00000115232	protective	GCST004131	2_181443625_A_G	0.9117403804	0.8071570396	-0.591917	lof	LoF_protect	4
MONDO_0004979	ENSG00000137033	protective	FINNGEN_RE_I10_ASTHMA_INCLAVO	9_6210099_T_C	0.9185490256	0.7852672627	0.3804743588	lof	LoF_protect	3
EFO_0003768	ENSG00000080644	protective	SAIGE_318	15_78557576_C_T	0.9270942931	0.1554671526	-0.291063	lof	LoF_protect	3
EFO_000537	ENSG00000115252	protective	NEALE2_20002_1065	2_182131730_C_G	0.966620787	0.1631558909	-0.518040061	lof	LoF_protect	4
EFO_0004911	ENSG00000169174	protective	FINNGEN_RE_E4_HYPERCHOL	1_55039974_G_T	0.6662235527	0.7637678385	-0.6425	lof	LoF_protect	4
MONDO_0005271	ENSG00000145777	protective	GCST90038661	5_111311801_C_C	0.9954659798	0.5969115496	1.91088	lof	LoF_protect	4
EFO_000685	ENSG00000105397	protective	SAIGE_714_1	19_10352442_G_C	0.7040777727	0.242069095	-0.833979547	lof	LoF_protect	4
EFO_000400	ENSG00000132170	protective	GCST90038599	3_12078953_A_G	0.9935790331	0.05674603209	0.0894432	lof	GoF_protect	4
MONDO_0004979	ENSG00000115594	protective	FINNGEN_RE_I10_ASTHMA	2_102164706_T_A	0.8721882459	0.1383209229	-0.395566	lof	LoF_protect	4
MONDO_0005148	ENSG00000132170	protective	FINNGEN_RE_E4_DM2NASCMP	3_12303231_C_G	0.888491676	0.7480792223	1.27713	lof	LoF_protect	4
MONDO_0005148	ENSG00000132170	protective	FINNGEN_RE_E4_DM2NASCMP	3_12303231_C_G	0.888491676	0.7480792223	1.27713	lof	GoF_protect	4
EFO_0003777	ENSG00000138735	protective	GCST90038605	4_1196979127_T_C	0.9981137569	0.1275451481	-0.134846295	lof	LoF_protect	4
EFO_000319	ENSG000000061918	protective	GCST90038595	4_155499453_A_T	0.9930090489	0.3389636078	0.3389636078	lof	LoF_protect	4
EFO_0001855	ENSG00000128052	protective	FINNGEN_RE_M14_ENDOMETRIOSIS_ASRM_STAGE1_2	4_55128943_T_C	0.8433533362	0.102686689	0.595674	lof	LoF_protect	2
EFO_000341	ENSG00000120915	protective	FINNGEN_RE_I10_COPD	8_27555469_C_C	0.8325766411	0.3533065319	1.16846	lof	LoF_protect	4
EFO_000676	ENSG00000165264	protective	GCST90038681	9_32523739_T_C	0.9986687895	0.08990965547	-0.503644836	lof	LoF_protect	3
MONDO_0005148	ENSG00000132170	protective	FINNGEN_RE_T2D_INCLAVO	3_12288284_C_T	0.9028941074	0.7651561227	1.3526	gof	LoF_protect	4
MONDO_0005148	ENSG00000132170	protective	FINNGEN_RE_T2D_INCLAVO	3_12288284_C_T	0.9028941074	0.7651561227	1.3526	gof	GoF_protect	4
MONDO_0005148	ENSG00000187486	protective	FINNGEN_RE_T2D_INCLAVO	11_17387083_C_T	0.9391876307	0.6878612041	-0.04275	lof	LoF_protect	4
MONDO_0021187	ENSG00000169174	protective	SAIGE_272_1	1_55023869_C_T	0.9306239536	0.7024641633	-1.41702	lof	LoF_protect	4
EFO_000400	ENSG0000006071	protective	GCST90038599	11_17391413_A_G	0.9363459523	0.1845408827	-0.3231498301	lof	LoF_protect	4
MONDO_0004902	ENSG00000066468	protective	NEALE2_2453	10_121590702_A_G	0.936154048	0.7353510857	-0.190509	lof	GoF_protect	4
MONDO_0004902	ENSG00000066468	protective	NEALE2_2453	10_121590702_A_G	0.936154048	0.7353510857	-0.190509	lof	LoF_protect	4
EFO_000400	ENSG00000187486	protective	FINNGEN_RE_KELA_DIAB_INSUL	11_17388857_C_T	0.9415197066	0.7495913506	-1.04511	lof	LoF_protect	4
EFO_0003768	ENSG00000169684	protective	SAIGE_318	15_78557576_C_T	0.9270942931	0.262127012	-0.0577507	lof	GoF_protect	4
MONDO_0004979	ENSG00000137033	protective	FINNGEN_RE_ASTHMA_EOSINOPHIL_SUGG	9_61920796_T_C	0.7323695813	0.6405189037	0.3413613141	lof	LoF_protect	4
MONDO_0100096	ENSG00000243646	protective	GCST011081	21_33242905_T_C	0.8450833647	0.4075386524	-0.7546693118	lof	GoF_protect	4
MONDO_0005148	ENSG00000132170	protective	GCST005047	3_12350773_C_T	0.8771929825	0.7626315951	1.29605	lof		

EFO_0000341	ENSG00000120915	protective	FINNGEN_R6_J10_COPDNAS	8_27556469_C_T	0.8287307214	0.3543171287	1.16846	gof	LoF_protect	3
EFO_0000400	ENSG00000006071	protective	FINNGEN_R6_KELA_DIAB_INSUL_EXMORE	11_17388857_C_T	0.935856743	0.09228923172	-0.3062649369	lof	LoF_protect	4
EFO_0000319	ENSG00000159640	protective	GCST90038595	17_63468418_C_T	0.990948355	0.6771258116	0.719437	lof	LoF_protect	4
EFO_0000275	ENSG00000171385	protective	NEALE2_2000_1471	1_11919280_A_G	0.8317144544	0.8255381584	0.37782	lof	LoF_protect	3
EFO_0000685	ENSG00000105397	protective	FINNGEN_R6_M13_RHEUMA_INCLAVO	19_10352442_G_C	0.7202837841	0.4753572643	-0.833979547	lof	LoF_protect	4
EFO_0000274	ENSG00000169194	protective	GCST90027181	5_132660272_A_G	0.9111935003	0.7440540195	0.150417	gof	LoF_protect	4
EFO_0000729	ENSG00000166501	protective	GCST004133	16_23835741_C_G	0.8892294302	0.6471133232	-0.575425	lof	LoF_protect	4
EFO_0000274	ENSG00000145777	protective	NEALE2_3761_raw	5_11135520_A_G		0.2665103078	0.378716	lof	LoF_protect	4
EFO_0000400	ENSG00000006071	protective	NEALE2_2443	11_17388857_C_T	0.9249728319	0.2455900013	0.2595892847	gof	LoF_protect	4
EFO_1001375	ENSG00000073417	protective	FINNGEN_R6_I9_IHD	15_85610093_A_G	0.9121416345	0.05345283821	-0.0392871226	lof	LoF_protect	4
EFO_0000676	ENSG00000065989	protective	NEALE2_2000_1453	19_10352442_G_C	0.6866284732	0.08774964511	-1.579872012	lof	LoF_protect	4
EFO_0003767	ENSG00000096968	protective	GCST003043	9_4981602_C_A	0.8617741928	0.720316112	-0.118108	lof	LoF_protect	4
EFO_0000400	ENSG00000006071	protective	SAIGE_250	11_17388857_C_T	0.9296937948	0.2247560024	0.2595892847	gof	LoF_protect	4
EFO_0000400	ENSG00000187486	protective	GCST90038633	11_17388857_C_T	0.9962343977	0.7348188162	-0.67301	lof	LoF_protect	4
MONDO_0100096	ENSG00000159110	protective	GCST011078	21_33248146_G_A	0.8277947846	0.5070602298	0.7961412072	gof	GoF_protect	4
EFO_0003767	ENSG00000096968	protective	GCST004131	9_4984530_G_C	0.8484874375	0.6978726387	-0.120878	lof	LoF_protect	4
EFO_0000537	ENSG00000159640	protective	FINNGEN_R6_RX_ANTIHYP	17_63471557_C_T	0.9316575197	0.7015964985	0.75426	gof	LoF_protect	3
EFO_0000685	ENSG00000105397	protective	FINNGEN_R6_M13_RHEUMA	19_10352442_G_C	0.7324721202	0.4018642604	-0.833979547	lof	LoF_protect	3
MONDO_0005148	ENSG00000132170	protective	FINNGEN_R6_RX_ANTIHYP	3_12295008_G_A	0.9078646276	0.7700956464	1.35326	gof	GoF_protect	4
MONDO_0005148	ENSG00000132170	protective	FINNGEN_R6_T2D_WIDE	3_12295008_G_A	0.9078646276	0.7700956464	1.35326	gof	GoF_protect	4
EFO_0000637	ENSG00000138792	protective	NEALE2_2000_1065	4_11047994_G_A	0.9494626902	0.8377293348	0.187156	gof	LoF_protect	
EFO_0001065	ENSG00000128052	protective	FINNGEN_R6_N14_ENDOMETRIOSIS	4_55127301_T_C	0.8693592354	0.7455312014	0.686205	gof	LoF_protect	
MONDO_0005148	ENSG0000010310	protective	SAIGE_250_2	19_45644269_T_C	0.9386918329	0.06891686469	0.285338	gof	GoF_protect	
MONDO_0100096	ENSG00000159110	protective	GCST011075	21_33242905_T_C	0.8186409676	0.4934993098	0.7691166401	gof	LoF_protect	
EFO_0000400	ENSG00000132170	protective	FINNGEN_R6_KELA_DIAB_INSUL	3_12303231_C_G	0.9069753661	0.7655737996	1.27713	gof	GoF_protect	
EFO_0000537	ENSG00000061918	protective	GCST90038604	4_155512156_G_A	0.962776337	0.16363484662	0.3611127734	gof	GoF_protect	
EFO_0000400	ENSG00000134460	protective	FINNGEN_R6_KELA_DIAB_INSUL	10_6043349_G_A	0.9369831311	0.8396329616	0.615573	gof	LoF_protect	
HP_0003124	ENSG00000169174	protective	SAIGE_272_11	1_55039074_G_T	0.7283307551	0.7637878385	-0.6425	lof	LoF_protect	
EFO_0000274	ENSG00000169194	protective	FINNGEN_R6_L12_ATOPIA	5_132660977_T_C	0.8752375008	0.7414252162	0.164682	lof	LoF_protect	
MONDO_0004979	ENSG00000137033	protective	GCST90014325	9_6209697_A_G	0.8870013636	0.6372835636	0.384313792	gof	LoF_protect	
EFO_0000400	ENSG00000134460	protective	FINNGEN_R6_KELA_DIAB_INSUL_EXMORE	10_6043349_G_A	0.9359810953	0.84227301040	0.615573	lof	LoF_protect	
EFO_0000274	ENSG00000145777	protective	NEALE2_3761_raw	5_110825774_C_CA		0.0575453788	-0.3274845481	lof	LoF_protect	
EFO_0000537	ENSG00000164416	protective	FINNGEN_R6_RX_ANTIHYP	4_155718694_A_G	0.9446790867	0.7354402542	0.6826207638	gof	GoF_protect	
EFO_0000400	ENSG00000187486	protective	NEALE2_2000_1220	11_17388857_C_T	0.9205074607	0.7153689265	-0.67301	lof	LoF_protect	
MONDO_0005148	ENSG00000187486	protective	GCST05047	11_17387083_C_T	0.9174311927	0.7066860789	-0.67503	lof	LoF_protect	
EFO_0000537	ENSG00000164416	protective	NEALE2_2000_1065	4_155725188_T_A	0.9466616529	0.71179533	0.8245860338	gof	GoF_protect	
EFO_0000384	ENSG00000115232	protective	GCST004132	2_181443625_A_G	0.9012252974	0.8265758753	-0.591917	lof	LoF_protect	
EFO_0000537	ENSG00000138792	protective	FINNGEN_R6_I9_HYPERTENSION	4_110465271_G_A	0.9373205058	0.8380755782	0.232189	gof	LoF_protect	
MONDO_0004979	ENSG00000145777	protective	NEALE2_6152_8	5_111071044_C_T	0.9326464749	0.7564724088	2.30978	gof	LoF_protect	
EFO_0000537	ENSG00000159640	protective	SAIGE_401	17_63478937_C_G	0.9573368156	0.6751190424	0.729442	gof	LoF_protect	

<b>Column</b>	<b>Description</b>
diseaseId	EFO term representing the GWAS
targetId	ENSEMBL Gene ID derived from L2G
gwasEffect	Direction of effect of the variant on the disease derived from the effect size of the association
studyId	Study ID as represented in OTG
locusId	Lead variant ID representative of the locus
oddsRatio	Effect size of the variant/disease association
beta	Effect size of the variant/disease association
l2g_score	L2G score to infer the causal gene
left_var_right_study_beta	Effect size of the variant/gene association after deriving it from a colocalised QTL
colocMechanism	Direction of effect of the variant on the gene derived from left_var_right_study_beta
drugMechanism	Direction of effect of the gene on the disease from the drug mechanism
maximum_phase	Maximum phase of the clinical trial supporting the gene/disease association