

Chr	Gene	Reported Genes within 1Mb Locus	Model	DIAGRAM Z-score	DIAGRAM P-value	GERA Z-score	GERA P-value	Meta-analysis Z-score	Meta-analysis P-value
11	KCNJ11	KCNJ11,ABCC8,NCR3LG1,	Esophagus Mucosa	-4.7	2.2e-06	-1.2	0.22	-4.4	1.4e-05
11	KCNJ11	KCNJ11,ABCC8,NCR3LG1,	Skin NotSunExposed Suprapubic	-4.3	2e-05	-0.58	0.56	-3.6	0.00037
11	KCNJ11	KCNJ11,ABCC8,NCR3LG1,	Skin SunExposed Lowerleg	-4.9	8e-07	-2.7	0.0073	-5	6.6e-07
11	KCNJ11	KCNJ11,ABCC8,NCR3LG1,	Testis	4.7	2.4e-06	2	0.044	4.6	3.6e-06
11	KCNJ11	KCNJ11,ABCC8,NCR3LG1,	WholeBloodDGN	4.7	3.3e-06	2.1	0.037	4.6	4.9e-06
11	NCR3LG1	NCR3LG1	CrossTissue	-4.3	1.7e-05	-1.9	0.062	-4.1	3.7e-05
11	NCR3LG1	NCR3LG1	Esophagus Mucosa	-4.4	8.6e-06	-2.2	0.029	-4.6	4e-06
11	NCR3LG1	NCR3LG1	Nerve Tibial	-4.5	8.1e-06	-2.1	0.034	-4.4	1.1e-05
11	ARAP1	ARAP1,STARD10,FCHSD2,	Esophagus Mucosa	-4	5.3e-05	-2	0.05	-4.2	3e-05
11	ARAP1	ARAP1,STARD10,FCHSD2,	Skin NotSunExposed Suprapubic	-4.2	2.5e-05	-1.5	0.12	-4	6.5e-05
11	CLPB	ARAP1,STARD10,FCHSD2,	Artery Coronary	-4.7	2.8e-06	-3.8	0.00017	-5.5	3.5e-08
11	SYT8	KCNQ1	Esophagus GastroesophagealJunction	4.9	1.2e-06	1.1	0.27	4.3	1.5e-05
11	PHOX2A	ARAP1,STARD10,FCHSD2,	Pancreas	-3.9	9.7e-05	-1.7	0.087	-3.8	0.00016
11	ZNF195	KCNQ1	Testis	-4.1	4e-05	0.39	0.7	-3	0.003
11	CTD-2210P24.4	none reported	Brain Nucleusaccumbens basalganglia	4.3	1.6e-05	1.5	0.13	4.2	3.1e-05
11	TCP11L1	none reported	Muscle Skeletal	4.2	2.3e-05	-0.39	0.7	3	0.0024
11	TCP11L1	none reported	Pancreas	3.9	0.00011	-0.33	0.74	2.8	0.0058
11	NFRKB	none reported	Pancreas	-4	7.3e-05	-1.5	0.15	-3.7	0.00021
12	KLHL42	KLHL42	Artery Tibial	-4.7	2.8e-06	NA	NA	NA	NA
12	MPHOSPH9	MPHOSPH9	CrossTissue	-4.3	1.8e-05	NA	NA	NA	NA
12	MPHOSPH9	MPHOSPH9	Heart AtrialAppendage	-4.4	8.7e-06	NA	NA	NA	NA
12	C12orf65	MPHOSPH9	Nerve Tibial	4.7	2.1e-06	NA	NA	NA	NA
12	CDK2AP1	MPHOSPH9	Skin SunExposed Lowerleg	4	6.1e-05	-0.25	0.8	2.9	0.0041
12	P2RX4	OASL	WholeBlood	4.3	1.5e-05	4.3	2.1e-05	5.4	6.6e-08
12	ABCB9	MPHOSPH9	WholeBloodDGN	-4.4	1.3e-05	0.6	0.55	-3	0.0024
12	OGFOD2	MPHOSPH9	WholeBloodDGN	-4.2	3.1e-05	NA	NA	NA	NA
12	KLHDC5	KLHL42	WholeBloodDGN	5	5.9e-07	-2.1	0.036	2.8	0.0055
14	SAMD15	none reported	Artery Coronary	-4.1	3.8e-05	1.1	0.28	-2.7	0.008
14	VIPAS39	none reported	Breast MammaryTissue	-4.3	2e-05	-0.15	0.88	-3.4	0.00078
14	VIPAS39	none reported	Nerve Tibial	-4.3	1.8e-05	0.15	0.88	-3.2	0.0016