

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
15	RCCD1	PRC1,VPS33B	Cells Transformedfibroblasts	5.4	6.9e-08	3.5	0.00053	5.9	3.9e-09
15	RCCD1	PRC1,VPS33B	Colon Sigmoid	4.8	1.3e-06	3.1	0.0019	5.5	4.2e-08
15	RCCD1	PRC1,VPS33B	Esophagus GastroesophagealJunction	4.9	8e-07	2.8	0.0044	5.3	1.4e-07
15	RCCD1	PRC1,VPS33B	Esophagus Mucosa	4.2	2.3e-05	3.1	0.002	4.9	9.4e-07
15	RCCD1	PRC1,VPS33B	Heart LeftVentricle	5.9	4.7e-09	2.8	0.0056	5.9	2.8e-09
15	RCCD1	PRC1,VPS33B	Muscle Skeletal	5	4.6e-07	3.1	0.002	5.4	8.3e-08
15	RCCD1	PRC1,VPS33B	Nerve Tibial	5.3	9.1e-08	3.2	0.0013	5.6	2.3e-08
15	RCCD1	PRC1,VPS33B	Pancreas	5	4.5e-07	3	0.003	5.3	1.5e-07
15	RCCD1	PRC1,VPS33B	Skin NotSunExposed Suprapubic	4.7	3e-06	3.2	0.0016	5.1	2.7e-07
15	RCCD1	PRC1,VPS33B	Skin SunExposed Lowerleg	4.7	2.7e-06	3	0.0027	4.9	7.6e-07
15	RCCD1	PRC1,VPS33B	SmallIntestine TerminalIleum	4.5	5.9e-06	3.1	0.0021	5.3	1.3e-07
15	RCCD1	PRC1,VPS33B	Stomach	5.1	3.9e-07	3.1	0.0022	5.5	4.4e-08
15	RCCD1	PRC1,VPS33B	Testis	5.3	9.5e-08	3.2	0.0016	5.7	1.4e-08
15	RCCD1	PRC1,VPS33B	Thyroid	5.1	3.4e-07	3	0.0027	5.5	4.4e-08
15	RCCD1	PRC1,VPS33B	WholeBloodDGN	4.1	4e-05	3.1	0.0022	4.6	3.7e-06
15	ZNF710	PRC1,VPS33B,C15orf38-AP3S2, AP3S2	Brain Caudate basalganglia	-5.2	1.7e-07	NA	NA	NA	NA
15	IDH3A	HMG20A,PEAK1,LINGO1,	Brain Hippocampus	4.8	1.4e-06	1.6	0.11	4.6	4.3e-06
15	SH2D7	HMG20A,PEAK1,LINGO1,	Pancreas	4.1	4.1e-05	0.81	0.42	3.5	0.00048
15	ZFAND6	none reported	Brain CerebellarHemisphere	4.5	7.1e-06	-1.4	0.16	2.8	0.006
15	FAH	none reported	Brain Cerebellum	4.5	6.3e-06	-1.2	0.21	2.8	0.0051
16	FTO	FTO	Muscle Skeletal	5.4	5.8e-08	1.7	0.085	5	6.3e-07
17	RPL23	HNF1B	Brain Cortex	-4.3	1.7e-05	-1.3	0.21	-3.9	8.6e-05
17	PEMT	none reported	Brain Anteriorcingulatecortex BA24	4.2	2.9e-05	-1.2	0.25	2.7	0.0073
17	SPATA20	none reported	Esophagus GastroesophagealJunction	4.3	1.4e-05	1.6	0.1	4.2	2.7e-05
17	SNX11	none reported	Pancreas	3.9	1e-04	0.36	0.72	3.1	0.0019
19	APOC1	APOC1	Esophagus Mucosa	5.3	1.2e-07	NA	NA	NA	NA
19	KLC3	APOC1	Brain Cerebellum	4.5	6.4e-06	1.9	0.055	4.3	1.5e-05
19	CLASRP	APOC1	Heart LeftVentricle	4.6	3.8e-06	0.5	0.62	3.8	0.00012
19	JUND	none reported	Brain CerebellarHemisphere	4	5.2e-05	-0.69	0.49	2.8	0.0056
19	ELANE	none reported	Brain Cortex	-4.1	4e-05	-0.36	0.72	-3.3	0.00085
20	R3HDML	HNF4A,R3HDML,FITM2, GDAP1L1,C20orf111	Skin NotSunExposed Suprapubic	5.1	3.5e-07	0.54	0.59	4.2	3e-05
20	SEMG1	HNF4A,R3HDML,FITM2, GDAP1L1,C20orf111	Artery Coronary	4.6	5.2e-06	0.14	0.89	3.6	0.00032
20	IFT52	HNF4A,R3HDML,FITM2, GDAP1L1,C20orf111	Cells EBV transformedlymphocytes	4.4	1.2e-05	1.3	0.18	4.1	4.7e-05
20	GTSF1L	HNF4A,R3HDML,FITM2, GDAP1L1,C20orf111	Cells Transformedfibroblasts	-5.8	6.9e-09	-2.9	0.0034	-5.9	3e-09