

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
14	VIPAS39	none reported	WholeBlood	−4.4	1.3e−05	−0.35	0.73	−3.5	0.00047
14	NOXRED1	none reported	CrossTissue	4.1	4.4e−05	0.42	0.67	3.3	0.0011
15	AP3S2	C15orf38–AP3S2,AP3S2	CrossTissue	4.7	2.6e−06	3.2	0.0013	5.1	3.8e−07
15	AP3S2	C15orf38–AP3S2,AP3S2	AdrenalGland	5	5e−07	3.5	0.00041	5.9	4.8e−09
15	AP3S2	C15orf38–AP3S2,AP3S2	Artery Aorta	4.2	3.1e−05	3.1	0.0019	4.8	1.4e−06
15	AP3S2	C15orf38–AP3S2,AP3S2	Cells Transformedfibroblasts	4.2	3.1e−05	3.5	0.00039	5	6.4e−07
15	AP3S2	C15orf38–AP3S2,AP3S2	Stomach	4.9	1.2e−06	3.5	0.00045	5.5	3.2e−08
15	LINGO1	HMG20A,PEAK1,LINGO1,	Brain Cortex	4.6	5.3e−06	−0.25	0.81	3.4	0.00072
15	LINGO1	HMG20A,PEAK1,LINGO1,	Heart LeftVentricle	4.4	1.1e−05	2.4	0.016	4.6	3.7e−06
15	PEAK1	HMG20A,PEAK1,LINGO1,	Esophagus Mucosa	4.3	1.8e−05	3.2	0.0014	5	5.8e−07
15	PEAK1	HMG20A,PEAK1,LINGO1,	Spleen	4.8	2e−06	3.2	0.0016	5.2	1.9e−07
15	PRC1	PRC1,VPS33B	Pancreas	−4.6	4.5e−06	−3.3	0.00089	−5.1	3.7e−07
15	PRC1	PRC1,VPS33B	WholeBloodDGN	−4.4	1.1e−05	−2.2	0.03	−4.4	1e−05
15	HMG20A	HMG20A,PEAK1,LINGO1,	Pituitary	5.5	4.4e−08	3.4	0.00065	5.9	4.5e−09
15	VPS33B	PRC1,VPS33B	Pituitary	4.1	4.4e−05	1.7	0.096	3.9	8.1e−05
15	VPS33B	PRC1,VPS33B	Testis	−4.9	9.4e−07	−1.1	0.28	−4.3	1.6e−05
15	VPS33B	PRC1,VPS33B	WholeBloodDGN	−4.2	3.3e−05	−1.7	0.093	−4	6.7e−05
15	RCCD1	PRC1,VPS33B	CrossTissue	4.5	5.4e−06	2.7	0.0071	4.7	2.4e−06
15	RCCD1	PRC1,VPS33B	Adipose Subcutaneous	4.6	4.9e−06	2.9	0.0033	4.9	9e−07
15	RCCD1	PRC1,VPS33B	Artery Aorta	5.3	1.5e−07	3	0.0023	5.6	1.7e−08
15	RCCD1	PRC1,VPS33B	Artery Coronary	4.9	1.1e−06	2.5	0.012	5	4.7e−07
15	RCCD1	PRC1,VPS33B	Artery Tibial	5.1	3.3e−07	3	0.0028	5.4	6.1e−08
15	RCCD1	PRC1,VPS33B	Brain Anteriorcingulatecortex BA24	5.8	6.6e−09	3.4	0.00067	6.2	4.5e−10
15	RCCD1	PRC1,VPS33B	Brain Caudate basalganglia	5.2	2.3e−07	2.8	0.0048	5.4	8.6e−08
15	RCCD1	PRC1,VPS33B	Brain CerebellarHemisphere	4.7	2.5e−06	3.1	0.0017	5.2	2.3e−07
15	RCCD1	PRC1,VPS33B	Brain Cerebellum	4.6	3.7e−06	3.1	0.0018	5	5.6e−07
15	RCCD1	PRC1,VPS33B	Brain Cortex	4.6	3.7e−06	3.1	0.0018	5.1	3.3e−07
15	RCCD1	PRC1,VPS33B	Brain FrontalCortex BA9	5	4.9e−07	3.1	0.002	5.4	6.3e−08
15	RCCD1	PRC1,VPS33B	Brain Nucleusaccumbens basalganglia	4.4	1.3e−05	3.1	0.002	5	5.5e−07
15	RCCD1	PRC1,VPS33B	Breast MammaryTissue	4.8	1.4e−06	3	0.003	5.2	2.1e−07