

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
5	PCBD2	PCBD2	Pancreas	−4.1	4.5e−05	NA	NA	NA	NA
5	PCBD2	PCBD2	Skin SunExposed Lowerleg	−4	6.5e−05	1.4	0.15	−2.3	0.022
6	E2F3	CDKAL1	Brain Cerebellum	−4.6	3.9e−06	−2.2	0.03	−4.5	5.8e−06
6	HCG27	CCHCR1,POU5F1,HLA−C,TCF19	Heart LeftVentricle	4.5	5.6e−06	1.2	0.23	4.1	3.5e−05
6	SOX4	CDKAL1	Muscle Skeletal	−7.9	3.3e−15	−4.9	8.5e−07	−8.4	3.7e−17
6	CYP21A2	CCHCR1,POU5F1,HLA−C,TCF19	Nerve Tibial	4.2	2.2e−05	2.4	0.018	4.3	1.4e−05
6	AGER	HLA−C	CrossTissue	4.2	3.2e−05	1.6	0.12	3.9	0.00011
6	KCNK17	none reported	Pancreas	3.9	8.1e−05	0.13	0.9	3	0.0024
6	HLA−A	none reported	Pituitary	6.1	1.2e−09	−0.77	0.44	4.3	2e−05
6	ZNRD1	none reported	WholeBloodDGN	−5.5	3.6e−08	0.3	0.77	−4	5.2e−05
7	JAZF1	JAZF1	Muscle Skeletal	−6.2	4.4e−10	−2.5	0.014	−6	2.5e−09
7	JAZF1	JAZF1	Pancreas	−5.6	2e−08	−2.9	0.0044	−5.6	1.8e−08
7	HOXA5	JAZF1	WholeBlood	−5.7	1.2e−08	−6.1	1e−09	−7.4	1.8e−13
7	NACAD	none reported	Brain Anteriorcingulatecortex BA24	4.2	2.9e−05	−0.84	0.4	2.8	0.0044
7	ZNF713	none reported	Brain Cerebellum	4	5.4e−05	−0.57	0.57	2.8	0.0057
7	NOM1	none reported	Muscle Skeletal	4	5.4e−05	1	0.31	3.6	0.00035
7	MAFK	none reported	WholeBloodDGN	4.3	1.4e−05	−0.25	0.8	3.2	0.0014
8	TP53INP1	TP53INP1,DPY19L4,INTS8,NDUFAF6	Artery Aorta	4.4	1.1e−05	1.8	0.073	4.3	1.4e−05
8	TP53INP1	TP53INP1,DPY19L4,INTS8,NDUFAF6	Esophagus Muscularis	5.6	1.6e−08	0.82	0.41	4.7	2.1e−06
8	TP53INP1	TP53INP1,DPY19L4,INTS8,NDUFAF6	Testis	−5.5	4.3e−08	−0.51	0.61	−4.5	7.8e−06
8	TP53INP1	TP53INP1,DPY19L4,INTS8,NDUFAF6	WholeBloodDGN	5.6	2.6e−08	1.3	0.21	4.9	1.2e−06
8	INTS8	TP53INP1,DPY19L4,INTS8,NDUFAF6	Artery Tibial	−4.7	2.7e−06	NA	NA	NA	NA
8	INTS8	TP53INP1,DPY19L4,INTS8,NDUFAF6	Lung	−4.4	1.3e−05	−1.1	0.25	−3.9	9.3e−05
8	INTS8	TP53INP1,DPY19L4,INTS8,NDUFAF6	WholeBloodDGN	−5.1	3.5e−07	−1.7	0.083	−4.7	2.2e−06
8	NDUFAF6	NDUFAF6	Brain CerebellarHemisphere	−4.2	3.2e−05	−0.78	0.44	−3.6	0.00034
8	NDUFAF6	NDUFAF6	Brain Cerebellum	−5	4.7e−07	1	0.32	−3.3	0.00093
8	ANK1	ANK1	CrossTissue	5.1	2.8e−07	−0.8	0.42	3.5	0.00052
8	ANK1	ANK1	Skin SunExposed Lowerleg	4.2	2.3e−05	−0.19	0.85	3.1	0.0021
8	VDAC3	ANK1	AdrenalGland	−5	4.6e−07	−1.9	0.057	−5	5.1e−07
8	CCNE2	TP53INP1,DPY19L4,INTS8,NDUFAF6	Cells EBV transformedlymphocytes	5.1	3.3e−07	−0.71	0.48	3.6	0.00032