

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
1	CDKN2C	FAF1	Esophagus GastroesophagealJunction	4.3	1.5e-05	3.4	7e-04	5.1	4.1e-07
1	RP11-268J15.5	none reported	AdrenalGland	4.3	2e-05	2.2	0.025	4.6	4.7e-06
1	RP11-268J15.5	none reported	Lung	4.1	4.3e-05	2.4	0.016	4.3	1.6e-05
1	RP11-268J15.5	none reported	Stomach	4.3	2.1e-05	2.6	0.0086	4.6	3.8e-06
1	GDAP2	none reported	Brain Cerebellum	-4.2	3e-05	-1.3	0.19	-3.8	0.00016
1	SH3D21	none reported	Heart AtrialAppendage	-4.4	1.1e-05	-2.5	0.013	-4.7	3.2e-06
1	UTS2	none reported	WholeBloodDGN	5	6.3e-07	-0.49	0.62	3.6	0.00038
2	NRBP1	none reported	WholeBlood	-4.5	7.3e-06	-4.2	2.9e-05	-5.5	4.2e-08
3	CPNE4	CPNE4	CrossTissue	4.8	1.4e-06	1.5	0.14	4.3	1.5e-05
3	CPNE4	CPNE4	Adipose Subcutaneous	4.8	1.8e-06	1.5	0.13	4.4	1.3e-05
3	PPARG	PPARG,TIMP4,TAMM41,	Cells EBV transformedlymphocytes	-5	5.2e-07	-3.7	0.00026	-5.7	1.1e-08
3	PPARG	PPARG,TIMP4,TAMM41,	Heart LeftVentricle	-5.2	1.8e-07	0.14	0.89	-4	6.7e-05
3	UBE2E1	UBE2E2	Artery Coronary	4.6	3.5e-06	1.1	0.26	4.2	3.2e-05
3	CRYGS	IGF2BP2,ST6GAL1	Artery Tibial	4.3	2e-05	NA	NA	NA	NA
3	TRA2B	IGF2BP2	Brain Anteriorcingulatecortex BA24	-4.2	2.9e-05	-1.4	0.15	-4	6.7e-05
3	DGKG	IGF2BP2,ST6GAL1	Ovary	-7.6	2.3e-14	-6.3	2.8e-10	-8.8	1.3e-18
3	NR1D2	UBE2E2	Skin SunExposed Lowerleg	4.8	1.5e-06	1.8	0.072	4.5	8.6e-06
3	ZNF148	none reported	Pituitary	-4.2	2.8e-05	-0.65	0.52	-3.5	0.00043
3	ATP2B2	none reported	Skin SunExposed Lowerleg	4.3	2e-05	1.1	0.28	3.7	0.00022
3	MUSTN1	none reported	WholeBloodDGN	4.2	3e-05	0.97	0.33	3.7	0.00026
3	SFMBT1	none reported	CrossTissue	4.1	4.5e-05	1.4	0.16	3.7	0.00018
4	WFS1	WFS1,PPP2R2C	CrossTissue	5.3	1.1e-07	4.8	1.5e-06	6.3	2.7e-10
4	WFS1	WFS1,PPP2R2C	Brain CerebellarHemisphere	4.3	1.4e-05	4.7	2.5e-06	5.7	1.4e-08
4	WFS1	WFS1,PPP2R2C	Brain Cerebellum	5.3	9.6e-08	4	5.8e-05	6	2.3e-09
4	WFS1	WFS1,PPP2R2C	Nerve Tibial	4.9	9.4e-07	4.6	4.3e-06	5.9	3e-09
4	WFS1	WFS1,PPP2R2C	Skin NotSunExposed Suprapubic	5.8	5.7e-09	4.6	4.7e-06	6.7	1.7e-11
4	WFS1	WFS1,PPP2R2C	Skin SunExposed Lowerleg	5.4	5.7e-08	4.7	2.9e-06	6.3	3e-10
4	WFS1	WFS1,PPP2R2C	Thyroid	5.4	7.9e-08	4.6	3.9e-06	6.5	8e-11
4	TIGD4	TMEM154,FBXW7	Brain CerebellarHemisphere	4.1	4.3e-05	-0.66	0.51	2.8	0.0048
5	PCBD2	PCBD2	Lung	-4.1	4.1e-05	-1.3	0.19	-3.8	0.00015