

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
8	CCNE2	TP53INP1,DPY19L4,INTS8,NDUFAF6	Heart LeftVentricle	-4.1	3.7e-05	-1.3	0.21	-3.8	0.00012
8	CCNE2	TP53INP1,DPY19L4,INTS8,NDUFAF6	Lung	-4.7	2.1e-06	-0.1	0.92	-3.7	0.00023
8	CCNE2	TP53INP1,DPY19L4,INTS8,NDUFAF6	WholeBloodDGN	-5.6	2.8e-08	-0.88	0.38	-4.7	3.1e-06
8	PLEKHF2	TP53INP1,DPY19L4,INTS8,NDUFAF6	Heart LeftVentricle	-4	5.5e-05	-0.65	0.52	-3.5	0.00054
8	NKX6-3	ANK1	Pancreas	-4	7.3e-05	-2	0.041	-4	6.6e-05
9	CDKN2A	CDKN2B	Brain CerebellarHemisphere	-4	6.1e-05	-4.5	5.8e-06	-5.3	9.9e-08
10	TCF7L2	TCF7L2	Artery Aorta	-11	3e-28	-9.2	2.8e-20	-13	3.3e-40
10	HHEX	HHEX,KIF11,IDE,	CrossTissue	-5.6	1.8e-08	-0.69	0.49	-4.6	5e-06
10	HHEX	HHEX,KIF11,IDE,	Breast MammaryTissue	-8.6	1e-17	-3.6	0.00034	-8.4	5.2e-17
10	HHEX	HHEX,KIF11,IDE,	Cells Transformedfibroblasts	-5.1	3.2e-07	-3.9	1e-04	-5.9	4.2e-09
10	HHEX	HHEX,KIF11,IDE,	Testis	-5.6	2.8e-08	-2.9	0.0034	-5.7	1e-08
10	HHEX	HHEX,KIF11,IDE,	WholeBloodDGN	-7.4	1e-13	-3.2	0.0015	-7.2	5.1e-13
10	NHLRC2	TCF7L2	AdrenalGland	-5.4	7.7e-08	-3.2	0.0013	-6	2.5e-09
10	CASP7	TCF7L2	Artery Aorta	4.8	1.4e-06	0.95	0.34	4.2	2.2e-05
10	GPAM	TCF7L2	Artery Tibial	-15	5.7e-48	-10	1.5e-25	-16	2.1e-60
10	ZDHHC6	TCF7L2	Brain Anteriorcingulatecortex BA24	-4.6	3.4e-06	0.12	0.9	-3.6	0.00036
10	ZDHHC6	TCF7L2	Muscle Skeletal	-4.7	2.3e-06	0.79	0.43	-3.2	0.0013
10	HABP2	TCF7L2	Brain CerebellarHemisphere	-8	1.2e-15	-13	2e-39	-13	9.6e-37
10	TECTB	TCF7L2	Brain Putamen basalganglia	-5.6	2.7e-08	-5.2	2.2e-07	-6.9	5.6e-12
10	PLEKHS1	TCF7L2	Esophagus Mucosa	5	5e-07	6.4	1.1e-10	7.2	4.8e-13
10	CAMK1D	CDC123	Heart LeftVentricle	4.9	9e-07	3.8	0.00013	5.7	9.6e-09
10	CAMK1D	CDC123	Lung	6	2.4e-09	1.2	0.25	5.1	2.8e-07
10	CAMK1D	CDC123	Spleen	5.5	3.7e-08	2.4	0.015	5.4	5.7e-08
10	CAMK1D	CDC123	WholeBlood	4.8	1.3e-06	1.6	0.12	4.5	7.8e-06
10	CAMK1D	CDC123	WholeBloodDGN	5	7e-07	2.7	0.0072	5.1	3.5e-07
10	CPEB3	HHEX,KIF11,IDE,	Heart LeftVentricle	4.2	2.9e-05	1.1	0.28	3.8	0.00015
10	CYP26C1	HHEX,KIF11,IDE,	Pancreas	5.6	2.4e-08	3.8	0.00013	6.1	1.2e-09
10	SEC61A2	CDC123	Pituitary	-4.1	3.5e-05	-1.1	0.26	-3.7	2e-04
10	NUDT5	CDC123	WholeBloodDGN	5.3	1e-07	1.5	0.14	4.8	1.8e-06
11	ABCC8	KCNJ11,ABCC8,NCR3LG1,	Brain Cortex	-4.3	1.6e-05	-1.6	0.1	-4.1	3.5e-05