Table S1 Top 50 significant CpG sites associated with age from a Methylome-wide association analysis

Probe	CHR	Position	Gene	Region	CPG_ISLAND	t	p	bonferroni_p
cg16867657	6	11044877	ELOVL2	TSS1500	Island	25.9	6.92E-81	3.03E-75
cg06639320	2	106015739	FHL2	TSS200	Island	17.9	2.86E-50	1.25E-44
cg21572722	6	11044894	ELOVL2	TSS1500	Island	17.7	2.19E-49	9.58E-44
cg17110586	19	36454623	N/A		S_Shelf	17	9.89E-47	4.33E-41
cg23606718	2	131513927	FAM123C	5UTR	Island	16.3	5.61E-44	2.45E-38
cg22454769	2	106015767	FHL2	TSS200	Island	16.1	3.30E-43	1.44E-37
cg10501210	1	207997020	N/A			-15.6	1.96E-41	8.57E-36
cg24724428	6	11044888	ELOVL2	TSS1500	Island	15.5	4.76E-41	2.08E-35
cg07547549	20	44658225	SLC12A5	Body	Island	15	5.82E-39	2.55E-33
cg07060551	19	51198381	SHANK1	Body	Island	14.7	8.30E-38	3.63E-32
cg08097417	7	130419133	KLF14	TSS1500	Island	14.2	5.73E-36	2.51E-30
cg14556683	19	15342982	EPHX3	1stExon	Island	14.1	2.20E-35	9.62E-30
cg00481951	3	187387650	SST	Body	N_Shore	14	5.29E-35	2.31E-29
cg14361627	7	130419116	KLF14	TSS1500	Island	13.9	9.86E-35	4.31E-29
cg07553761	3	160167977	TRIM59	TSS1500	Island	13.8	1.64E-34	7.17E-29
cg25410668	1	28241577	RPA2	TSS1500	S_Shore	13.5	2.07E-33	9.05E-28
cg08160331	11	75140865	KLHL35	1stExon	Island	13.5	3.69E-33	1.61E-27
cg24079702	2	106015771	FHL2	TSS200	Island	13.4	5.05E-33	2.21E-27
cg00059225	5	151304357	GLRA1	5UTR	Island	13.2	6.14E-32	2.69E-26
cg23479922	5	16179633	11-Mar	1stExon	Island	13	1.64E-31	7.17E-26
cg23746497	6	105388668	N/A		Island	12.9	3.62E-31	1.58E-25
cg16219603	8	57360586	PENK	TSS1500	Island	12.7	2.76E-30	1.21E-24
cg04875128	15	31775895	OTUD7A	Body	Island	12.6	5.25E-30	2.30E-24
cg06493994	6	25652602	SCGN	5UTR	Island	12.3	8.86E-29	3.88E-23
cg25778262	12	69327449	CPM	TSS1500	Island	12.2	2.32E-28	1.01E-22
cg19560758	1	8086721	ERRFI1	TSS1500	Island	12.2	2.62E-28	1.15E-22
cg10804656	10	22623460	N/A		Island	12.1	3.83E-28	1.68E-22
cg13649056	9	136474626	N/A		Island	12	7.39E-28	3.23E-22
cg15341124	14	102027734	MIR1247	5UTR	Island	12	9.38E-28	4.10E-22
cg20591472	1	110008990	SYPL2	TSS200	Island	11.9	1.77E-27	7.74E-22
cg27320127	2	47798396	KCNK12	TSS1500	Island	11.9	2.49E-27	1.09E-21
cg02018902	15	79576149	ANKRD34C	5UTR	Island	11.8	3.89E-27	1.70E-21
cg11705975	10	120354248	PRLHR	Body	Island	11.8	4.15E-27	1.82E-21
cg03545227	2	220173100	PTPRN	Body	Island	11.8	5.20E-27	2.27E-21
cg16541931	10	25463757	GPR158	TSS1500	Island	11.8	7.07E-27	3.09E-21
cg17592231	11	43604758	N/A		S_Shore	11.7	1.26E-26	5.51E-21
cg12878812	12	119419696	SRRM4	1stExon	Island	11.7	1.32E-26	5.77E-21
cg18902090	5	140306249	PCDHA7	Body	Island	11.7	1.37E-26	5.99E-21
cg18064714	7	20824556	SP8	Body	Island	11.7	1.55E-26	6.78E-21
cg06784991	1	53308768	ZYG11A	Body	Island	11.6	2.15E-26	9.40E-21
cg18215449	12	66089473	N/A			-11.6	2.52E-26	1.10E-20
cg06942701	2	162280009	TBR1	Body	Island	11.6	2.53E-26	1.11E-20
cg07082267	16	85429035	N/A			-11.6	2.62E-26	1.15E-20
cg25078444	14	29235193	FOXG1	TSS1500	Island	11.6	3.23E-26	1.41E-20
cg10906284	12	63544430	AVPR1A	1stExon	Island	11.6	3.86E-26	1.69E-20
cg10967350	3	2141304	CNTN4	TSS1500	Island	11.6	4.04E-26	1.77E-20
cg06782035	5	16179135	11-Mar	Body	Island	11.6	4.06E-26	1.78E-20
cg19671120	2	98962974	CNGA3	5UTR	Island	11.5	4.92E-26	2.15E-20
cg15485728	9	79521359	PRUNE2	TSS1500	Island	11.5	5.47E-26	2.39E-20
cg19392831	10	120355756	PRLHR	TSS1500	Island	11.5	5.77E-26	2.52E-20