

ProbeID	Chromosome	Coordinate	Intercept	Slope	T statistic	p-value	Methylation change	In Horvath model	Gene(s)
cg16867657	chr6	11044877	0.5458189	0.0053562	96.7079	0	Hypermethylated	No	ELOVL2
cg06639320	chr2	106015739	-0.18099	0.0040751	68.4826	0	Hypermethylated	No	FHL2
cg21572722	chr6	11044894	0.4485118	0.0029979	67.7891	0	Hypermethylated	No	ELOVL2
cg22454769	chr2	106015767	-0.37256	0.0054721	65.4459	0	Hypermethylated	No	FHL2
cg07547549	chr20	44658225	-0.109895	0.0039332	60.4444	0	Hypermethylated	No	SLC12A5
cg24724428	chr6	11044888	0.1715795	0.003787	60.3559	0	Hypermethylated	No	ELOVL2
cg17110586	chr19	36454623	-0.076933	0.0027991	59.6101	0	Hypermethylated	No	
cg19283806	chr18	66389420	1.1244081	-0.0052494	-55.5368	0	Hypomethylated	No	CCDC102B
cg10501210	chr1	207997020	-0.767615	-0.0071941	-54.848	0	Hypomethylated	No	
cg24079702	chr2	106015771	-0.239806	0.0037027	54.5055	0	Hypermethylated	No	FHL2
cg22796704	chr10	49673534	0.5923358	-0.0038938	-54.2818	0	Hypomethylated	No	ARHGAP22
cg04875128	chr15	31775895	-0.29584	0.0048949	53.8691	0	Hypermethylated	No	OTUD7A
cg23606718	chr2	131513927	-0.192302	0.0024361	53.8427	0	Hypermethylated	No	FAM123C
cg00059225	chr5	151304357	0.2564821	0.0023987	52.8361	0	Hypermethylated	No	GLRA1
cg23500537	chr5	140419819	0.2019473	0.0029768	52.4657	0	Hypermethylated	No	
cg07553761	chr3	160167977	-0.085898	0.0030009	52.1708	0	Hypermethylated	No	TRIM59
cg14674720	chr2	219827930	-0.15175	0.0022723	52.1475	0	Hypermethylated	No	
cg16419235	chr8	57360613	-0.110675	0.0021004	52.087	0	Hypermethylated	No	PENK
cg07082267	chr16	85429035	-0.234831	-0.0024153	-51.9394	0	Hypomethylated	No	
cg11970349	chr4	8582287	0.4395301	0.0024517	51.7603	0	Hypermethylated	No	GPR78
cg14556683	chr19	15342982	-0.354214	0.0030292	51.4444	0	Hypermethylated	No	EPHX3
cg06493994	chr6	25652602	-0.281467	0.0018639	51.2747	0	Hypermethylated	Yes	SCGN
cg19560758	chr1	8086721	0.123634	0.0017654	51.0739	0	Hypermethylated	No	ERRF1
cg22736354	chr6	18122719	-0.328228	0.0023877	50.7215	0	Hypermethylated	Yes	NHLRC1
cg17885226	chr6	105388731	-0.011797	0.0030608	50.2096	0	Hypermethylated	No	
cg08262002	chr4	16575323	0.448234	-0.0036267	-50.1807	0	Hypomethylated	No	LDB2
cg18933331	chr1	110186418	0.1394501	-0.0026901	-49.3592	0	Hypomethylated	No	
cg00329615	chr3	118706648	0.3767479	-0.0049889	-49.1687	0	Hypomethylated	No	IGSF11
cg08097417	chr7	130419133	-0.212277	0.0018305	48.9874	0	Hypermethylated	No	KLF14
cg00748589	chr12	11653486	0.1822405	0.0024207	48.2695	0	Hypermethylated	No	
cg11084334	chr3	9594264	-0.022951	0.0027848	47.6682	0	Hypermethylated	No	LHFPL4
cg11071401	chr17	48637194	0.3081191	0.0023875	47.6374	0	Hypermethylated	No	CACNA1G
cg06784991	chr1	53308768	0.0728526	0.0021442	47.4979	0	Hypermethylated	No	ZYG11A
cg00439658	chr17	72848669	-0.187047	0.0019148	47.3396	0	Hypermethylated	No	GRIN2C
cg16054275	chr1	169556022	-0.308762	-0.0031404	-47.2773	0	Hypomethylated	No	F5
cg14692377	chr17	28562685	-0.319816	0.0019735	47.2725	0	Hypermethylated	No	SLC6A4
cg13649056	chr9	136474626	0.0939199	0.0018608	47.0121	0	Hypermethylated	No	
cg11693709	chr15	40542019	0.4398948	-0.0041179	-46.6849	0	Hypomethylated	No	PAK6
cg07080372	chr11	796607	-0.044385	-0.0020517	-46.5748	0	Hypomethylated	No	SLC25A22
cg19671120	chr2	98962974	0.2917162	0.0019275	46.5463	0	Hypermethylated	No	CNGA3
cg16219603	chr8	57360586	-0.243393	0.001599	46.4953	0	Hypermethylated	No	PENK
cg11705975	chr10	120354248	0.1345631	0.0025062	46.1335	0	Hypermethylated	No	PRLHR
cg15480367	chr14	93389485	0.1737257	0.0020641	46.1196	0	Hypermethylated	No	CHGA
cg24466241	chr1	53308908	-0.192473	0.0028258	45.9054	5.9288E-323	Hypermethylated	No	ZYG11A
cg02650266	chr4	147558239	-0.028284	0.0018604	45.5452	2.5444E-319	Hypermethylated	No	

cg03738025	chr6	105388694	0.1325219	0.0037303	45.5435	2.6480E-319	Hypermethylated	No	
cg08160331	chr11	75140865	0.1225186	0.0024513	45.5115	5.5982E-319	Hypermethylated	No	KLHL35
cg14361627	chr7	130419116	-0.029613	0.0024426	45.4145	5.4238E-318	Hypermethylated	No	KLF14
cg08128734	chr1	206685423	0.5891423	-0.0054386	-45.0487	2.8384E-314	Hypomethylated	No	RASSF5
cg26290632	chr8	91094847	0.2029635	0.0020152	45.0401	3.4695E-314	Hypermethylated	No	CALB1
cg01974375	chr1	151298954	0.0385361	-0.0019059	-45.0297	4.4226E-314	Hypomethylated	No	PI4KB
cg23479922	chr5	16179633	-0.5691	0.0045894	44.9595	2.2879E-313	Hypermethylated	No	MARCH11
cg09809672	chr1	236557682	0.175291	-0.0040059	-44.8504	2.9374E-312	Hypomethylated	Yes	EDARADD
cg00481951	chr3	187387650	0.1841224	0.0023342	44.6878	1.3200E-310	Hypermethylated	No	SST
cg03545227	chr2	220173100	0.0832971	0.0013552	44.5825	1.5491E-309	Hypermethylated	No	PTPRN
cg18618815	chr17	48275324	-0.292108	-0.0031805	-44.5025	1.0061E-308	Hypomethylated	No	COL1A1
cg11649376	chr12	81473234	0.1177648	-0.0025894	-44.4751	1.9099E-308	Hypomethylated	No	ACSS3
cg11436113	chr20	19191145	-0.245529	-0.0028774	-44.446	3.7798E-308	Hypomethylated	No	
cg20591472	chr1	110008990	0.2290873	0.0029438	44.3726	2.1018E-307	Hypermethylated	No	SYPL2
cg12757011	chr2	162281111	-0.036861	0.0022385	44.3402	4.4864E-307	Hypermethylated	No	TBR1
cg06570224	chr3	157812475	-0.255113	0.0021525	44.3003	1.1387E-306	Hypermethylated	No	
cg12878812	chr12	119419696	-0.152434	0.0017975	44.1946	1.3495E-305	Hypermethylated	No	SRRM4
cg07931844	chr15	72102213	-0.347225	-0.0020941	-44.1556	3.363E-305	Hypomethylated	No	NR2E3
cg15341124	chr14	102027734	0.1822515	0.0021014	43.8202	8.5279E-302	Hypermethylated	No	DIO3; MIR1247
cg12534424	chr7	127992316	-0.038607	0.0019362	43.5602	3.7086E-299	Hypermethylated	No	PRRT4
cg25410668	chr1	28241577	0.5378571	0.0033963	43.5204	9.4093E-299	Hypermethylated	No	RPA2
cg19392831	chr10	120355756	0.1002692	0.0017162	43.3469	5.4065E-297	Hypermethylated	No	PRLHR
cg16008966	chr1	114761794	0.2872323	-0.0024427	-43.054	5.0499E-294	Hypomethylated	No	
cg05308819	chr1	155959156	-0.383566	-0.0018965	-43.0379	7.3568E-294	Hypomethylated	No	
cg08468401	chr3	14303131	-0.481126	-0.0045074	-43.0226	1.0497E-293	Hypomethylated	No	
cg19855470	chr22	40060836	-0.111118	0.0015512	42.913	1.3565E-292	Hypermethylated	No	CACNA1I
cg11220950	chr16	2042693	0.0102849	0.0019377	42.8543	5.3374E-292	Hypermethylated	No	SYNGR3
cg16717122	chr15	51973920	0.3252301	0.00151	42.8415	7.1833E-292	Hypermethylated	No	SCG3
cg22156456	chr17	39844239	-0.229764	-0.0018499	-42.8279	9.8668E-292	Hypomethylated	No	EIF1
cg06335143	chr1	53308654	-0.088651	0.0022272	42.8111	1.4619E-291	Hypermethylated	No	ZYG11A
cg23746497	chr6	105388668	0.072451	0.0034686	42.7311	9.4375E-291	Hypermethylated	No	
cg08234504	chr5	139013317	-0.235634	-0.0015863	-42.72	1.2233E-290	Hypomethylated	No	
cg24436906	chr2	242498081	0.4803492	0.0019615	42.6333	9.2401E-290	Hypermethylated	No	BOK
cg13848598	chr10	115804578	-0.111233	0.0024786	42.4955	2.2983E-288	Hypermethylated	No	ADRB1
cg10804656	chr10	22623460	-0.950746	0.0028943	42.4594	5.3272E-288	Hypermethylated	No	
cg13135455	chr2	241860318	0.0059196	-0.0022231	-42.4071	1.8043E-287	Hypomethylated	No	
cg23078123	chr1	68577796	0.759047	-0.0026555	-42.3732	3.9744E-287	Hypomethylated	No	GPR177
cg13327545	chr10	22623548	-0.358846	0.0022651	42.3019	2.0954E-286	Hypermethylated	No	
cg03431918	chr17	77716367	0.1575907	-0.0017119	-42.2827	3.2734E-286	Hypomethylated	No	
cg01820374	chr12	6882083	-0.47997	-0.0022168	-42.2819	3.3323E-286	Hypomethylated	Yes	LAG3
cg20747538	chr3	137838021	-0.227794	-0.0019417	-42.2727	4.1287E-286	Hypomethylated	No	
cg27320127	chr2	47798396	0.3532211	0.0019054	42.2074	1.8912E-285	Hypermethylated	No	KCNK12
cg20273670	chr17	21356245	-0.202763	0.0032538	42.1546	6.4709E-285	Hypermethylated	No	
cg19702785	chr20	43727089	-0.307403	0.0016088	42.1542	6.5405E-285	Hypermethylated	No	KCNS1
cg14583999	chr3	10019040	0.051048	-0.0038329	-42.1149	1.6328E-284	Hypomethylated	No	TMEM111
cg01844642	chr3	51989764	-0.160677	0.0021369	42.1066	1.9788E-284	Hypermethylated	No	GPR62

cg00602811	chr2	145278564	-0.192604	-0.0038479	-42.1046	2.0743E-284	Hypomethylated	No	ZEB2
cg01770755	chr15	41914122	-0.106172	0.0017079	42.0334	1.089E-283	Hypermethylated	No	
cg00484358	chr1	110610995	0.2396367	0.0016647	42.0065	2.0361E-283	Hypermethylated	No	ALX3
cg18064714	chr7	20824556	-0.082174	0.00167	41.9065	2.0891E-282	Hypermethylated	No	SP8
cg16512661	chr5	2743620	0.2799574	0.0020114	41.717	1.7193E-280	Hypermethylated	No	
cg11741201	chr11	35638398	-0.069447	-0.0023228	-41.523	1.5688E-278	Hypomethylated	No	FJX1
cg22016779	chr2	230452311	-0.370728	-0.0023361	-41.4895	3.4156E-278	Hypomethylated	No	DNER
cg18473521	chr12	54448265	0.1111276	0.0041993	41.3931	3.2188E-277	Hypermethylated	No	HOXC4
cg01528542	chr12	81468232	-0.352352	-0.0036075	-41.3691	5.6171E-277	Hypomethylated	No	