

Probe_ID	chr	pos	strand	Probe_rs	Probe_maf	Relation_to_Island	Gencode_Group	Gencode_NAME	Rate of change in PD Med	Rate pvalue	Rate of change in aging	Age_pvalue
cg13643943	chr5	138629019	-	rs62383032	0.042505	N_Shore	TSS1500	MATR3	-0.006323584	7.25E-08	-0.001131953	0.10796267
cg08988821	chr7	74075293	-	NA	NA	S_Shelf	5'UTR	GTF2I	-0.003962235	7.24E-09	-0.001107556	0.00700983
cg16655626	chr19	45886078	+	NA	NA	S_Shore			-0.003729852	2.20E-08	0.000130903	0.74215694
cg14386312	chr19	58740861	+	rs114116776	0.053866	S_Shore	1stExon	ZNF544	-0.003456144	2.92E-08	-0.000958283	0.01049514
cg15765398	chr21	46409994	+	NA	NA	N_Shore	3'UTR	LINC00163	-0.00344202	1.11E-11	-2.95E-05	0.92127496
cg15987655	chr5	139196457	-	NA	NA	OpenSea			-0.003291542	1.98E-08	-0.000182295	0.60245357
cg04843111	chr1	156617074	+	NA	NA	S_Shore	3'UTR	BCAN	-0.003268374	8.26E-08	-3.51E-05	0.92340065
cg14240188	chr1	11621054	-	rs61053148	0.013266	OpenSea			-0.002803702	1.77E-08	-0.000424647	0.15348112
cg04551581	chr18	44226771	-	NA	NA	OpenSea			-0.002731625	5.48E-08	-0.000720245	0.01713377
cg15298173	chr15	29903900	-	NA	NA	OpenSea	TSS1500	RP11-300A12.2	-0.002622497	7.18E-08	-0.00028816	0.32285951
cg15202607	chr5	149520120	-	rs11738308	0.001065	OpenSea	5'UTR	PDGFRB	-0.002342129	4.44E-08	-0.000911309	0.00043073
cg10429957	chr5	141245719	+	NA	NA	OpenSea	3'UTR	PCDH1	-0.001970358	8.39E-08	-0.000685162	0.00203077
cg26126295	chr4	119095240	+	NA	NA	OpenSea			-0.008615397	8.67E-08	0.003698504	0.00015235
cg25979148	chr4	871629	+	rs1564280	0.189263	Island			0.0025217	4.47E-09	0.000124838	0.62559797
cg10224806	chr12	131188144	+	NA	NA	Island	3'UTR	RIMBP2	0.002211824	9.04E-08	0.001284769	4.18E-07
cg18629514	chr7	5388895	+	NA	NA	N_Shelf			0.001777258	8.06E-08	0.000515609	0.00973184
cg03501539	chr11	114760598	+	NA	NA	OpenSea			0.001663884	6.57E-08	4.58E-05	0.80354947
cg15008072	chr17	7440546	-	NA	NA	OpenSea	TSS200	Y_RNA	0.001660303	7.51E-08	0.000768324	4.24E-05
cg05933219	chr2	240099221	+	NA	NA	N_Shore	5'UTR	HDAC4	0.001618457	1.37E-09	-0.000144386	0.36292769
cg18763089	chr1	1683738	-	NA	NA	N_Shore	3'UTR	NADK	0.001546639	1.10E-08	0.000335493	0.03831804
cg05120150	chr14	105912598	+	NA	NA	S_Shore	5'UTR	MTA1	0.001432839	3.80E-08	0.000630255	6.67E-05
cg16916102	chr19	58429359	-	rs7254431	0.284672	S_Shore	TSS1500	ZNF417	0.001407289	9.94E-08	0.000972107	2.83E-09
cg09593391	chr8	144737908	-	NA	NA	OpenSea	3'UTR	ZNF623	0.001392066	8.19E-08	-0.000125792	0.41824927
cg10401356	chr8	140712424	+	NA	NA	N_Shelf			0.001381448	3.24E-09	0.00029545	0.03403947
cg22511774	chr13	114746915	+	rs12428831	0.301276	N_Shore			0.001368442	3.27E-08	0.000660071	1.18E-05
cg24703022	chr21	42815666	-	NA	NA	OpenSea	TSS1500	AP001610.5	0.00131592	2.56E-08	0.000657749	4.89E-06
cg03236534	chr13	113417204	+	NA	NA	N_Shelf	5'UTR	ATP11A	0.001313599	4.66E-08	0.000427696	0.00316142
cg09201783	chr7	100171932	-	NA	NA	Island	TSS1500	LRCH4	0.001311531	7.20E-08	0.000483262	0.00102549
cg21964637	chr7	150729118	-	NA	NA	S_Shelf	TSS1500	ABCB8	0.001306311	5.27E-09	0.000585776	1.56E-05
cg16568314	chr3	195625657	+	NA	NA	S_Shelf	3'UTR	TNK2	0.001302183	2.21E-08	0.000286723	0.03980768
cg22078934	chr2	28905057	+	NA	NA	OpenSea			0.001299886	3.00E-08	0.000447225	0.00156657
cg11078188	chr9	135417305	-	NA	NA	OpenSea			0.001298159	6.16E-08	0.000182753	0.20316096
cg06107030	chr4	3799176	-	rs28428183	0.062129	OpenSea			0.001296041	9.77E-08	4.90E-05	0.73615905
cg17843487	chr1	15756557	-	NA	NA	OpenSea	3'UTR	EFHD2	0.001285027	1.37E-08	0.000392787	0.00388966
cg24000035	chr7	2120044	+	NA	NA	S_Shelf		MAD1L1	0.001283689	5.29E-08	0.000239625	0.09019132
cg15475168	chr7	101860421	+	NA	NA	OpenSea			0.001269754	1.09E-08	0.000102264	0.44008873
cg06654275	chr7	72414590	+	rs117982312	0.020399	S_Shore			0.001248926	3.41E-08	0.000308075	0.02333887
cg07993239	chr12	92489053	+	NA	NA	OpenSea	3'UTR	RP11-24B21.1	0.001234457	7.29E-08	0.000313199	0.02307179
cg14946911	chr20	56772325	+	NA	NA	OpenSea			0.001229401	6.79E-08	1.86E-05	0.89148225
cg11238267	chr11	659560	-	rs7941038	0.240218	N_Shore	3'UTR	DEAF1	0.001217301	5.99E-08	0.000465192	0.00061639
cg09171874	chr1	153520801	+	rs28452456	0.096861	OpenSea	ExonBnd	S100A3	0.001205842	9.53E-08	0.000479729	0.00045686
cg05589396	chr11	68384193	+	NA	NA	OpenSea	TSS1500	CTD-2007L18.5	0.001203572	6.99E-08	0.000455151	0.0007476
cg21825040	chr13	40749072	+	NA	NA	S_Shelf			0.001192443	4.22E-08	0.000476973	0.00029139
cg11192877	chr12	125287607	+	rs838909	0.490656	OpenSea	3'UTR	SCARB1	0.001184012	3.00E-08	0.0004476	0.00052544
cg22071610	chr22	24086732	-	NA	NA	OpenSea			0.001176192	1.36E-08	0.000106963	0.38684391
cg01202950	chr15	74943647	+	rs111225867	0.043916	OpenSea		EDC3	0.001169015	3.55E-08	0.000247227	0.0518558
cg26158621	chr5	179508598	+	NA	NA	OpenSea			0.001165789	8.62E-08	0.00019388	0.13758976
cg17045635	chr10	80998130	-	NA	NA	N_Shelf			0.001154817	5.24E-08	0.000476507	0.00020951
cg26888356	chr10	118154544	-	NA	NA	OpenSea			0.001145126	6.69E-08	0.000116215	0.35994744
cg08833010	chr4	1684739	+	NA	NA	N_Shore	5'UTR	FAM53A	0.00113815	7.75E-08	-4.42E-06	0.97215818
cg04953297	chr21	43983837	-	rs17115131	0.053977	OpenSea			0.001134786	5.96E-09	0.000300446	0.01014231
cg23673980	chr7	5641966	+	NA	NA	N_Shore	TSS1500	FSCN1	0.001125579	4.42E-08	0.000383199	0.00200588
cg21565078	chr2	241069202	+	NA	NA	Island			0.001122751	8.23E-09	0.000441695	0.00017345
cg20397902	chr16	88624807	-	rs4496126	0.142726	Island			0.001119754	3.73E-08	0.000336149	0.00604658
cg05429094	chr16	1677598	-	NA	NA	S_Shore	TSS1500	LA16c-395F10.1	0.001115936	7.05E-08	0.000461353	0.00023606
cg17948897	chr4	7277180	-	rs73206467	0.137376	OpenSea			0.001109888	8.91E-08	0.000196134	0.11515165
cg20346616	chr7	5205257	+	NA	NA	OpenSea			0.00110454	5.53E-08	0.000398787	0.00116268
cg06644978	chr18	73202039	+	NA	NA	OpenSea			0.001101161	7.28E-08	0.000524285	2.53E-05
cg07815878	chr4	184872086	-	NA	NA	OpenSea	5'UTR	STOX2	0.001098052	6.24E-08	0.000349852	0.00422727
cg21268223	chr1	45988910	-	NA	NA	S_Shore	TSS1500	PRDX1	0.001094756	6.56E-08	0.000338371	0.00557875
cg01466631	chr17	1094369	+	NA	NA	OpenSea		ABR	0.001089631	1.39E-08	0.00048891	2.69E-05

cg12494528	chr4	871567	-	NA	NA	Island			0.001085095	7.17E-09	0.000404593	0.0003455
cg24152776	chr6	89200366	+	NA	NA	OpenSea			0.001084621	6.97E-08	0.000202363	0.0934705
cg00988841	chr10	134556463	-	NA	NA	S_Shore	3'UTR	INPP5A	0.00108343	3.78E-08	0.000122416	0.29868246
cg00047815	chr22	45311501	+	NA	NA	N_Shore			0.001074786	6.51E-08	0.000463365	0.00012268
cg13578948	chr6	30158801	+	NA	NA	OpenSea		TRIM26	0.00107213	5.68E-08	0.000639673	1.34E-07
cg01809779	chr2	60385311	-	NA	NA	OpenSea			0.001071813	9.67E-10	0.000546812	2.96E-07
cg010101413	chr8	144668641	+	NA	NA	OpenSea		EEF1D	0.001062496	3.46E-08	0.000527666	6.88E-06
cg19452754	chr3	58487342	-	NA	NA	OpenSea			0.001055596	9.28E-08	0.000458067	0.00013521
cg23946462	chr11	890331	-	NA	NA	Island	3'UTR	CHID1	0.001053801	8.67E-08	0.000267811	0.02368828
cg24219943	chr13	113409087	+	NA	NA	N_Shore	TSS200	ATP11A	0.001051756	2.58E-08	0.00056083	1.17E-06
cg13952769	chr9	134079861	+	NA	NA	OpenSea	3'UTR	NUP214	0.001051452	2.83E-08	0.000324855	0.00436897
cg05052384	chr1	155920254	-	NA	NA	N_Shore	ExonBnd	ARHGEF2	0.001049649	9.11E-08	0.000596576	7.21E-07
cg18744234	chr6	35422526	-	NA	NA	S_Shore			0.001046442	4.28E-08	0.000421941	0.00026276
cg04367958	chr16	11371350	+	NA	NA	S_Shore	TSS1500	PRM2	0.001045652	7.85E-08	0.000372814	0.00152605
cg24493890	chr7	144134664	-	rs9648813	0.260331	OpenSea			0.001038151	5.53E-08	0.000318174	0.00569507
cg09882283	chr7	158886269	-	NA	NA	N_Shore			0.001034577	9.20E-08	0.000426365	0.00028125
cg00136852	chr3	188350489	-	NA	NA	OpenSea	5'UTR	LPP	0.001032173	9.41E-08	0.00027876	0.01659627
cg18303466	chr1	27482392	-	NA	NA	S_Shore	TSS1500	SLC9A1	0.001031131	5.42E-08	0.000215317	0.05842123
cg16245191	chr10	14843814	-	NA	NA	OpenSea			0.001030883	5.27E-09	0.000632798	5.69E-09
cg00879475	chr8	145256251	+	NA	NA	N_Shore	3'UTR	HEATR7A	0.001028677	3.86E-08	0.00049131	1.59E-05
cg09068520	chr17	3374904	+	NA	NA	N_Shore	5'UTR	SPATA22	0.001024504	1.74E-08	0.000253884	0.01985153
cg16965890	chr8	48612847	+	NA	NA	OpenSea	5'UTR	KIAA0146	0.00102225	9.83E-11	0.000378731	6.47E-05
cg18492997	chr14	102379372	-	rs1618921	0.100663	OpenSea	3'UTR	PPP2R5C	0.00102228	2.55E-08	0.000123296	0.26105595
cg17326403	chr5	645659	-	NA	NA	N_Shore	3'UTR	CEP72	0.001021906	2.32E-08	0.000392237	0.00038658
cg08276579	chr5	9853784	+	rs12654531	0.11954	OpenSea	TSS1500	RP11-447B18.1	0.001019662	1.84E-08	0.000158185	0.14431573
cg14547519	chr9	88168431	+	NA	NA	OpenSea	3'UTR	AGTPBP1	0.001014089	2.72E-08	0.0001141	0.29535708
cg08927260	chr10	15254823	+	NA	NA	Island	3'UTR	FAM171A1	0.001012694	3.70E-08	0.000367287	0.00094442
cg25344556	chr15	70578982	+	NA	NA	OpenSea			0.001008657	1.54E-08	0.000428693	7.17E-05
cg23714773	chr7	808081	-	rs4720930	0.23816	Island	TSS200	HEATR2	0.001003162	7.86E-08	0.000441958	9.73E-05
cg09343644	chr12	8044199	+	NA	NA	OpenSea	5'UTR	NANOGP1	0.001001844	6.29E-08	0.000503537	8.18E-06
cg11610925	chr10	134978049	-	rs60280897	0.016	Island		KNDC1	0.001001734	3.36E-08	0.000284979	0.00898733
cg07493324	chr22	26857165	-	NA	NA	OpenSea	3'UTR	HPS4	0.000999863	2.94E-08	0.000151185	0.16107739
cg00779930	chr7	135392741	+	NA	NA	OpenSea	TSS200	SLC13A4	0.000986816	3.51E-08	0.000363775	0.00076329
cg26543150	chr10	91043813	+	NA	NA	OpenSea	5'UTR	LIPA	0.000984938	6.13E-08	0.000294268	0.00721489
cg13765345	chr11	64131561	-	NA	NA	OpenSea		RP56KA4	0.000982988	1.14E-08	0.000392586	0.00016144
cg17644611	chr8	17549768	+	NA	NA	OpenSea	TSS200	MTUS1	0.000981358	6.71E-09	0.000186142	0.06563267
cg10051714	chr11	72326138	+	rs75937114	0.023477	OpenSea	1stExon	MIR139	0.000979075	2.11E-08	0.000451415	2.10E-05
cg05795729	chr9	140725587	-	NA	NA	N_Shore		EHMT1	0.00097848	1.10E-08	0.000367467	0.00037568
cg17220632	chr8	1796429	+	NA	NA	N_Shore			0.000973658	4.53E-08	0.000628995	1.03E-08
cg18488023	chr10	80472174	-	NA	NA	OpenSea			0.000972518	1.34E-08	0.000551974	1.40E-07
cg08716380	chr7	2158479	+	NA	NA	S_Shelf		MAD1L1	0.000966426	4.31E-08	0.000266838	0.01188281
cg09076064	chr18	43733643	+	NA	NA	OpenSea			0.000965505	7.49E-09	0.000287719	0.00411942
cg00037755	chr15	81467321	-	NA	NA	OpenSea		IL16	0.000962033	2.85E-08	0.000467239	9.45E-06
cg02636814	chr1	39881324	+	NA	NA	OpenSea	3'UTR	MACF1	0.000959423	6.05E-08	0.000230749	0.03007883
cg13586115	chr19	292887	-	NA	NA	S_Shore	TSS1500	PPAP2C	0.000956809	4.71E-08	0.000501616	2.73E-06
cg16783412	chr8	124658104	-	NA	NA	OpenSea	5'UTR	CTD-2552K11.2	0.000955318	7.82E-08	0.000558182	3.15E-07
cg20360928	chr2	61191582	-	NA	NA	OpenSea			0.00095475	4.10E-08	0.00029571	0.00477
cg26783622	chr2	231901293	+	NA	NA	N_Shore	TSS1500	C2orf72	0.000954302	8.32E-08	0.000465157	1.79E-05
cg07280194	chr5	55198902	-	NA	NA	OpenSea			0.000953165	1.42E-08	0.000302391	0.00278263
cg09706573	chr6	31936247	-	NA	NA	N_Shelf		SKIV2L	0.00095531	2.82E-08	0.000446504	1.87E-05
cg02395171	chr17	80858829	-	NA	NA	S_Shore	3'UTR	TBCD	0.000951515	8.05E-08	0.000398647	0.00020895
cg05362168	chr16	67562128	+	NA	NA	N_Shore	3'UTR	FAM65A	0.000951488	2.77E-09	0.000608945	6.95E-10
cg20167539	chr6	161995302	-	rs73593483	0.025137	OpenSea			0.000950391	3.29E-09	0.000121063	0.20573154
cg09781932	chr11	117651301	-	NA	NA	Island	5'UTR	DSCAML1	0.000949439	1.33E-08	0.000587385	1.11E-08
cg26837844	chr16	28969861	-	NA	NA	OpenSea	3'UTR	NFATC2IP	0.000946743	5.41E-08	0.000402427	0.00013789
cg02472076	chr16	57238904	+	NA	NA	OpenSea	ExonBnd	RSRPY1	0.000945086	2.91E-08	0.000690914	7.27E-11
cg04106964	chr1	154906773	+	NA	NA	N_Shelf			0.000942737	3.53E-08	0.000511168	1.01E-06
cg20089935	chr12	133324714	+	NA	NA	OpenSea	ExonBnd	ANKLE2	0.000940396	2.44E-08	0.000590042	1.33E-08
cg15380704	chr16	8346683	+	rs7201961	0.058902	OpenSea	TSS1500	RP11-279017.2	0.00094013	6.26E-08	0.000329948	0.00165785
cg00143969	chr12	131233486	-	NA	NA	OpenSea			0.000939779	9.14E-08	0.000240701	0.02288088
cg04136699	chr7	157414339	+	NA	NA	S_Shore			0.000935852	1.31E-08	0.00053359	1.22E-07
cg25683184	chr12	132238503	+	NA	NA	OpenSea		SFSWAP	0.00093563	7.46E-08	0.000471216	8.86E-06

cg00923230	chr9	34134616	-	NA	NA	Island			0.000934739	8.04E-08	0.000633421	4.18E-09
cg24152353	chr1	6149107	-	NA	NA	OpenSea	ExonBnd	KCNAB2	0.000933129	6.74E-08	0.00052883	5.96E-07
cg08591219	chr11	67277910	-	NA	NA	S_Shore			0.000932961	1.12E-08	0.000278394	0.00455049
cg02227853	chr17	7283176	+	NA	NA	N_Shore	TSS1500	TNK1	0.000932664	5.37E-08	0.000260859	0.01144406
cg05398940	chr16	89351098	-	NA	NA	N_Shore		ANKRD11	0.000932269	7.91E-08	0.000198702	0.05663531
cg00457247	chr11	107650042	+	NA	NA	OpenSea	TSS200	AP001024.1	0.000931863	8.00E-08	0.000516772	1.16E-06
cg03423221	chr7	148484185	-	NA	NA	S_Shelf			0.0009308	6.45E-08	0.000288041	0.00549384
cg11391980	chr9	35700112	-	NA	NA	OpenSea	TSS1500	TLN1	0.000925463	6.69E-08	0.000280587	0.00657567
cg17139436	chr11	1715762	-	NA	NA	Island			0.000924627	9.02E-08	0.00051199	1.33E-06
cg20307758	chr22	37248932	+	NA	NA	N_Shelf	3'UTR	CTA-833B7.2	0.000924386	3.92E-08	0.000332892	0.00104671
cg14678336	chr7	65965454	+	NA	NA	OpenSea			0.000924324	9.68E-08	6.93E-06	0.94673415
cg24138760	chr18	53141223	-	NA	NA	OpenSea		TCF4	0.000923868	7.89E-08	0.000190609	0.06493776
cg17636366	chr6	139918661	+	NA	NA	OpenSea			0.00092349	6.79E-08	0.00030473	0.00315309
cg09394127	chr2	33710870	+	NA	NA	OpenSea	5'UTR	RASGRP3	0.000923313	2.14E-09	0.000205743	0.02545944
cg25710630	chr15	40685225	+	NA	NA	OpenSea	3'UTR	C15orf23	0.000919681	6.40E-08	0.00015386	0.13120931
cg07385882	chr8	10332268	+	NA	NA	OpenSea	TSS1500	U6	0.00091903	1.46E-08	0.000432355	1.15E-05
cg18509435	chr18	59157879	-	rs35676425	0.01282	OpenSea	1stExon	CDH20	0.000918001	8.71E-08	0.000196858	0.05597899
cg10941835	chr20	50419348	+	rs6021451	0.184612	S_Shore	TSS1500	SALL4	0.000917748	7.47E-08	0.000566166	6.93E-08
cg05753257	chr12	48746532	-	NA	NA	S_Shore	5'UTR	ZNF641	0.000912756	8.09E-08	0.000552312	1.28E-07
cg02832460	chr9	109557004	+	NA	NA	OpenSea			0.00091224	5.38E-08	0.000401647	7.97E-05
cg09293533	chr14	89628886	-	NA	NA	Island			0.000911952	6.66E-08	0.000217365	0.03214165
cg20752472	chr5	14710734	-	NA	NA	OpenSea	3'UTR	ANKH	0.000907997	4.15E-08	0.000442633	1.13E-05
cg16438525	chr3	52517742	-	NA	NA	N_Shelf		NISCH	0.000906285	8.87E-08	0.000272039	0.00770931
cg16068780	chr12	123835423	+	NA	NA	OpenSea	TSS1500	SBNO1	0.000905973	9.25E-08	0.000202273	0.04714454
cg13822122	chr21	47849174	-	rs60747009	0.018756	Island	5'UTR	PCNT	0.000903734	9.58E-08	0.000557457	8.92E-08
cg24269863	chr2	240227434	-	NA	NA	OpenSea	3'UTR	MTERFD2	0.000902578	8.84E-08	0.000633344	1.43E-09
cg24451257	chr1	202208088	-	NA	NA	OpenSea			0.000900064	9.63E-08	0.000518205	5.51E-07
cg16243832	chr7	129593276	+	NA	NA	S_Shore	TSS1500	UBE2H	0.000899116	3.32E-08	0.00023662	0.015513
cg05264881	chr1	15375148	-	rs140940258	0.0389	Island		KAZN	0.000899085	8.30E-08	0.000386289	0.00014702
cg12110395	chr19	37961441	+	rs190178351	0.0137	S_Shore	TSS1500	ZNF570	0.000896256	7.20E-08	0.000270059	0.00705365
cg06741485	chr16	8348317	+	NA	NA	OpenSea	TSS200	RP11-279017.1	0.000894739	3.38E-08	0.000289576	0.00301638
cg06868200	chr17	78574320	-	NA	NA	OpenSea	5'UTR	RPTOR	0.000894359	8.73E-08	0.000277352	0.00590177
cg09971674	chr15	58853142	-	rs3829461	0.065556	OpenSea		LIPC	0.000894029	7.21E-08	0.00024398	0.01456011
cg14755147	chr13	30984186	+	NA	NA	S_Shore			0.000890712	5.19E-09	0.000205709	0.02410352
cg11986310	chr11	65728298	+	rs141299262	0.0101	OpenSea	TSS1500	SART1	0.000888918	5.69E-08	0.000521727	2.09E-07
cg18093273	chr2	64819126	-	NA	NA	OpenSea		AFTPH	0.000885851	9.57E-09	0.000455089	1.32E-06
cg20840031	chr12	32828771	+	NA	NA	N_Shelf			0.000884427	1.32E-08	0.000333905	0.00037761
cg15587959	chr2	175422818	+	rs9287977	0.197257	OpenSea	TSS200	U6	0.000881787	2.29E-08	0.000392796	4.07E-05
cg03442090	chr18	12759835	+	NA	NA	OpenSea	TSS1500	Y_RNA	0.000881673	5.02E-09	0.000194367	0.03108352
cg02747703	chr4	122173992	+	NA	NA	OpenSea			0.000880907	7.02E-08	0.00021313	0.02995465
cg10649044	chr3	112974528	+	rs1499898	0.066808	OpenSea		BOC	0.000880451	7.86E-08	0.00026337	0.00765778
cg24311952	chr8	2044114	+	NA	NA	N_Shelf			0.000879974	3.64E-08	0.000558265	1.44E-08
cg18089274	chr8	38677241	+	NA	NA	OpenSea	TSS1500	TACC1	0.000879219	8.24E-08	0.000397441	6.64E-05
cg27584146	chr1	46599915	-	NA	NA	S_Shore	TSS1500	PIK3R3	0.000878983	2.07E-08	0.000240072	0.01078021
cg09181437	chr20	30670099	+	NA	NA	OpenSea		HCK	0.000878115	2.68E-08	0.000249638	0.00852788
cg15886966	chr11	36252345	+	rs7113618	0.033903	OpenSea	3'UTR	LDLRAD3	0.000877842	4.60E-08	0.00045704	3.12E-06
cg17947181	chr3	150967900	-	rs3846072	0.499206	OpenSea	TSS1500	P2RY14	0.000875264	4.81E-09	0.000139909	0.11673414
cg01743763	chr15	50718992	-	rs28366846	0.047489	S_Shelf	5'UTR	USP8	0.00087489	1.57E-08	0.000446542	2.20E-06
cg23235736	chr2	169699910	+	NA	NA	OpenSea		NOSTRIN	0.000874312	4.30E-09	0.00027121	0.00240804
cg04788396	chr11	6526878	+	NA	NA	OpenSea		FXC1	0.000873052	8.91E-09	0.000221766	0.01478532
cg06039049	chr8	125286746	+	NA	NA	OpenSea	5'UTR	RP11-383J24.1	0.000872545	9.56E-09	0.000339097	0.00022115
cg02399458	chr12	3209481	-	NA	NA	OpenSea	5'UTR	TSPAN9	0.000871704	7.60E-08	0.000454372	4.43E-06
cg12751588	chr19	17529143	-	NA	NA	N_Shore	TSS1500	FAM125A	0.000871293	7.69E-08	0.00039061	7.29E-05
cg23491344	chr16	48455243	-	NA	NA	OpenSea	TSS200	SIAH1	0.000871072	3.20E-08	0.000444137	3.76E-06
cg00882322	chr19	12242840	-	NA	NA	OpenSea	3'UTR	ZNF20	0.000870684	2.81E-08	0.000441	3.95E-06
cg24319651	chr12	7281343	-	rs10963	0.177296	OpenSea	TSS1500	CLSTN3	0.000867396	8.81E-08	0.000361809	0.0002327
cg16145995	chr20	6105524	+	NA	NA	S_Shore	TSS1500	FERMT1	0.000866505	9.43E-08	0.000437307	1.00E-05
cg06625578	chr3	38569202	-	NA	NA	OpenSea		EXO	0.000865424	4.72E-08	0.000424175	1.10E-05
cg06541981	chr4	503606	-	NA	NA	OpenSea		PIGG	0.000860708	7.20E-08	0.000539678	4.18E-08
cg12098919	chr1	231010563	-	NA	NA	OpenSea	TSS200	RP5-858B6.3	0.000858938	6.47E-08	0.000279659	0.00351481
cg17330652	chr1	173886454	-	NA	NA	OpenSea	1stExon	SERPINC1	0.000857241	7.76E-08	0.000415149	1.93E-05
cg17003250	chr1	171313713	+	rs7518648	0.378698	OpenSea			0.000856613	9.15E-09	0.000405399	7.60E-06

cg22127385	chr21	32497166 -	NA	NA	OpenSea	3'UTR	TIAM1	0.000856324	6.01E-08	0.000427265	9.17E-06
cg21975566	chr11	27462494 +	NA	NA	OpenSea			0.000850129	6.13E-08	0.000502492	1.86E-07
cg24894383	chr16	84454214 -	rs75743984	0.013901	OpenSea	5'UTR	ATP2C2	0.000847739	6.79E-08	0.000440121	4.44E-06
cg27272573	chr6	157479689 -	rs143941577	0.0302	OpenSea	5'UTR	ARID1B	0.000847158	1.38E-08	0.000153167	0.08617145
cg09915377	chr7	97821499 +	NA	NA	N_Shore			0.000846528	2.79E-08	0.000307091	0.00084226
cg18874458	chr9	113008858 +	NA	NA	OpenSea	TSS1500	TXN	0.000845588	9.12E-08	0.000314754	0.001005
cg16656232	chr5	167543888 +	NA	NA	OpenSea	3'UTR	CTB-178M22.1	0.000844467	4.45E-08	0.000269124	0.00379817
cg16090375	chr4	170913579 +	NA	NA	OpenSea	5'UTR	MFAP3L	0.000843959	9.82E-08	0.000329837	0.00057997
cg22995486	chr5	75592299 +	NA	NA	OpenSea	3'UTR	RP11-466P24.6	0.00084388	5.89E-08	0.000243599	0.00930444
cg00260680	chr21	38641729 +	NA	NA	S_Shore	TSS1500	DSCR3	0.00084214	7.50E-08	0.000633905	8.30E-11
cg00967637	chr2	74875932 -	rs10175000	0.085246	S_Shore	TSS1500	C2orf65	0.000841513	4.30E-08	0.000134243	0.14445439
cg27599856	chr8	130527590 -	rs56924935	0.064044	OpenSea	3'UTR	CCDC26	0.000841382	2.63E-09	0.000274154	0.00123466
cg08037129	chr8	10290804 +	NA	NA	OpenSea	TSS1500		0.000838923	2.75E-08	0.00044655	1.28E-06
cg17459721	chr16	28840005 -	NA	NA	OpenSea		ATXN2L	0.000834013	2.87E-08	0.000318929	0.00044521
cg04670832	chr14	55305927 +	NA	NA	OpenSea			0.000833143	2.57E-08	0.000263106	0.00348248
cg26741235	chr16	24966242 +	NA	NA	OpenSea	3'UTR	ARHGAP17	0.000832729	6.65E-08	0.000406284	1.52E-05
cg07132187	chr10	130300318 +	NA	NA	S_Shore			0.000832198	5.33E-08	0.000366877	7.77E-05
cg02729261	chr4	52713308 +	NA	NA	S_Shelf	5'UTR	DCUN1D4	0.000829306	3.01E-08	0.000434375	1.99E-06
cg11141763	chr1	11191762 -	NA	NA	OpenSea	TSS200	MTOR	0.000828218	3.26E-08	0.00039423	1.52E-05
cg26174326	chr6	26016674 +	NA	NA	N_Shelf			0.000828041	4.48E-08	0.000323962	0.00040268
cg07441608	chr11	44806970 -	rs142716563	0.011	OpenSea	5'UTR	TSPAN18	0.000825427	8.09E-08	0.000370658	7.31E-05
cg13204462	chr1	154716855 +	rs78651737	0.02699	OpenSea			0.00082459	7.98E-08	0.00047364	4.95E-07
cg20238467	chr17	38062383 +	NA	NA	OpenSea	3'UTR	GSDMB	0.000824119	4.49E-08	0.000530484	1.14E-08
cg18802393	chr15	60371835 -	rs2623797	0.05492	OpenSea	3'UTR		0.000824102	7.41E-08	0.000534127	1.59E-08
cg11640384	chr11	93419212 -	NA	NA	OpenSea	5'UTR	KIAA1731	0.000823151	6.10E-08	0.000259308	0.0046377
cg20157279	chr19	4678785 +	NA	NA	S_Shelf	TSS1500	AC005594.1	0.000822257	2.57E-08	0.000402451	7.55E-06
cg22483213	chr15	95019591 -	NA	NA	OpenSea	TSS200	MCTP2	0.000815031	7.49E-08	0.000358601	9.68E-05
cg12120430	chr3	187935971 -	NA	NA	OpenSea	5'UTR	LPP	0.000811849	6.31E-08	0.000266859	0.00319139
cg08115239	chr2	113539246 -	rs20540	0.020469	OpenSea			0.000811382	2.31E-08	0.000271289	0.00193051
cg21791725	chr12	120222364 +	NA	NA	OpenSea	TSS200	CIT	0.000810472	5.89E-08	0.000588156	2.48E-10
cg08459430	chr5	81571289 -	NA	NA	N_Shelf	3'UTR	RPS23	0.000809837	9.10E-08	0.000357993	0.00010019
cg17076795	chr1	49244849 -	NA	NA	S_Shelf	TSS1500	BEND5	0.000809124	5.54E-08	0.000406609	7.51E-06
cg19187191	chr8	28420409 -	NA	NA	OpenSea	TSS200	FZD3	0.000803875	2.95E-08	0.000478605	7.67E-08
cg13492553	chr16	78626007 -	NA	NA	OpenSea		WWOX	0.000802515	1.33E-08	0.000263027	0.00196848
cg26646207	chr13	112610299 +	NA	NA	N_Shore			0.000799105	8.22E-08	0.000428805	2.51E-06
cg06666281	chr3	119305506 +	NA	NA	OpenSea	5'UTR	ADPRH	0.000796301	8.12E-08	0.000316625	0.00042723
cg01736164	chr14	97924317 +	NA	NA	OpenSea	TSS1500	CTD-250G14.1	0.000795921	9.25E-08	0.000313799	0.00050582
cg24794298	chr3	187992556 -	NA	NA	OpenSea	5'UTR	LPP	0.000794079	4.40E-08	0.000248475	0.00445555
cg11146845	chr22	43381327 +	NA	NA	OpenSea	5'UTR	PACIN2	0.000793519	9.16E-08	0.000525313	1.04E-08
cg10051381	chr14	102476275 +	NA	NA	OpenSea			0.000784115	4.11E-08	0.000359994	3.39E-05
cg15194328	chr9	110195642 +	NA	NA	OpenSea			0.00078131	6.25E-08	0.00038277	1.34E-05
cg00053361	chr8	127250180 +	rs16901213	0.019259	OpenSea			0.000779133	4.93E-08	0.000166084	0.05262281
cg11509704	chr10	104562295 -	NA	NA	OpenSea	TSS1500	U6	0.000775018	4.19E-08	0.000480308	3.39E-08
cg00781839	chr13	114127083 +	NA	NA	OpenSea	5'UTR	DCUN1D2	0.000770598	8.10E-08	0.000305689	0.00043988
cg14005716	chr20	4680843 -	NA	NA	OpenSea	3'UTR	PRNP	0.000764565	6.92E-08	0.000472524	6.09E-08
cg04660401	chr21	45969319 +	NA	NA	OpenSea			0.000762224	2.17E-08	0.000447227	8.66E-08
cg13799782	chr1	32635542 -	NA	NA	OpenSea	TSS1500	KPNA6	0.000758677	8.84E-08	0.000352831	4.31E-05
cg01121969	chr1	164533042 +	rs12040395	0.081271	OpenSea		PBX1	0.000754031	5.80E-08	0.000370617	1.20E-05
cg05628656	chr3	10021286 +	NA	NA	OpenSea	TSS1500	TMEM111	0.00074917	6.27E-08	0.000276248	0.00096148
cg08561530	chr10	118610187 -	NA	NA	S_Shore	5'UTR	RP11-539I5.2	0.000748849	8.07E-08	0.00029929	0.00039843
cg21373880	chr10	123670988 +	NA	NA	OpenSea	TSS1500	ATE1	0.000747058	9.55E-08	0.000462828	7.87E-08
cg05862036	chr1	23689691 -	NA	NA	OpenSea			0.000724113	6.04E-08	0.000350733	1.63E-05

Rate of change expressed as % Beta units/ year. Beta Baseline and Beta Followup indicate group average methylation values in Beta units at baseline and follow-up time points respectively.