

<i>Probe ID</i>	<i>chr</i>	<i>pos</i>	<i>strand</i>	<i>Probe_rs</i>	<i>Probe_maf</i>	<i>Relation_to_Island</i>	<i>Gencode_Group</i>	<i>Gencode_NAME</i>	<i>Rate of change in PD</i>	<i>Rate pvalue</i>	<i>Rate of change in aging</i>	<i>Age_pvalue</i>
cg26275301	chr17	81041828	-	NA	NA	N_Shore	5'UTR	METRNL	-0.006042159	7.56E-08	-0.00026243	0.6930983
cg07856430	chr18	42339206	-	NA	NA	OpenSea			-0.005249361	8.67E-09	-0.000575371	0.28536872
cg13153353	chr7	4175865	-	NA	NA	OpenSea	5'UTR	SDK1	-0.005235227	5.43E-08	0.002441848	2.30E-05
cg03565777	chr12	125028339	+	NA	NA	Island		NCOR2	-0.005083594	8.40E-08	-0.002755874	1.38E-06
cg24136431	chr19	47016623	-	NA	NA	N_Shore			-0.003918999	6.40E-08	-0.000451492	0.2927228
cg16655626	chr19	45886078	+	NA	NA	S_Shore			-0.003341495	2.46E-09	0.000108102	0.74322037
cg04843111	chr1	156617074	+	NA	NA	S_Shore	3'UTR	BCAN	-0.003278076	1.00E-09	0.0001516	0.63104077
cg08988821	chr7	74075293	-	NA	NA	S_Shelf	5'UTR	GTF2I	-0.003258618	4.22E-08	-0.000947205	0.00733437
cg01791421	chr1	19996240	+	NA	NA	S_Shelf			-0.003090556	8.38E-08	-0.001052354	0.00219256
cg13994376	chr13	112554122	-	NA	NA	OpenSea	TSS200	LINC00354	-0.002924543	1.25E-08	4.91E-05	0.8713426
cg15987655	chr5	139196457	-	NA	NA	OpenSea			-0.002775707	5.86E-08	0.000111941	0.71161153
cg03389720	chr16	8780048	-	NA	NA	OpenSea	5'UTR	ABAT	-0.002765818	2.00E-08	-0.000910851	0.00188446
cg15765398	chr21	46409994	+	NA	NA	N_Shore	3'UTR	LINC00163	-0.00271757	5.57E-09	0.000116137	0.67268126
cg09750643	chr11	1718086	+	NA	NA	S_Shelf	TSS1500	KRTAP5-6	-0.002571389	8.04E-09	-0.000218152	0.40703827
cg06192447	chr11	18815245	-	NA	NA	S_Shore	TSS1500	PTPN5	-0.002506904	3.24E-08	-0.000223307	0.40499346
cg15298173	chr15	29903900	-	NA	NA	OpenSea	TSS1500	RP11-300A12.2	-0.002464355	1.12E-08	-7.14E-05	0.7791457
cg21470704	chr2	72076889	+	NA	NA	N_Shelf			-0.002315904	1.23E-08	5.04E-05	0.83381352
cg04551581	chr18	44226771	-	NA	NA	OpenSea			-0.00229512	9.71E-08	-0.000410956	0.10739683
cg11888769	chr7	149427921	+	rs67657627	0.125801	OpenSea	5'UTR	KRBA1	-0.002168351	8.34E-08	-0.000652518	0.0067046
cg19441317	chr3	123512314	-	NA	NA	OpenSea		MYLK	-0.002131418	9.09E-08	-0.000597643	0.01172304
cg00178928	chr2	233366275	-	NA	NA	N_Shore			-0.001905616	6.18E-08	-0.001354291	2.59E-10
cg22113820	chr10	31043781	-	rs10826863	0.40458	OpenSea			-0.001891696	1.10E-08	2.56E-06	0.98955447
cg00097237	chr7	135483974	-	rs74387254	0.010522	OpenSea	TSS1500	AC091736.1	-0.00154722	3.73E-08	0.000150451	0.36560916
cg15680713	chr6	138129292	-	NA	NA	OpenSea			0.000631707	9.73E-08	0.000274686	0.00010653
cg14519501	chr12	125588923	-	NA	NA	OpenSea	TSS1500	AACS	0.000633717	7.88E-08	0.000243172	0.00055462
cg27467060	chr15	51619477	+	NA	NA	OpenSea	5'UTR	CYP19A1	0.000656436	9.62E-08	0.000284184	0.00011334
cg08554114	chr14	53163204	-	rs79063259	0.021267	S_Shore	TSS1500	ERO1L	0.000671337	3.67E-08	0.000105969	0.14210334
cg12218774	chr17	466113	-	NA	NA	OpenSea	3'UTR	VPS53	0.000684128	9.04E-08	0.000353414	4.31E-06
cg03479204	chr13	114193155	-	NA	NA	N_Shelf		TMCO3	0.000685934	8.13E-08	0.000240662	0.00158896
cg12206165	chr12	123261045	+	NA	NA	OpenSea	TSS200	CCDC62	0.000692155	1.63E-08	0.000169182	0.01987393
cg13492553	chr16	78626007	-	NA	NA	OpenSea		WWOX	0.000693058	9.05E-08	0.000202643	0.00859923
cg17947181	chr3	150967900	-	rs3846072	0.499206	OpenSea	TSS1500	P2RY14	0.000698812	9.18E-08	5.62E-05	0.46774794
cg24320937	chr11	48118658	-	NA	NA	OpenSea	5'UTR	PTPRJ	0.000699343	5.28E-08	0.000295808	0.00011763
cg04363087	chr5	166952198	+	rs7715770	0.047141	OpenSea			0.000699988	5.75E-08	0.000242307	0.00161391
cg02933742	chr12	53906475	+	NA	NA	OpenSea	3'UTR	ATF7	0.000702788	7.89E-08	0.000271316	0.00051398
cg13799782	chr1	32635542	-	NA	NA	OpenSea	TSS1500	KPNA6	0.000705297	6.68E-08	0.000275416	0.00041156
cg00535785	chr16	49766785	+	NA	NA	OpenSea	5'UTR	ZNF423	0.000705749	3.35E-08	0.000204749	0.00700383
cg04670832	chr14	55305927	+	NA	NA	OpenSea			0.000706427	4.74E-08	0.00018678	0.01503936
cg09915377	chr7	97821499	+	NA	NA	N_Shore			0.000706752	3.81E-08	0.000193267	0.01133106
cg06708390	chr8	141210798	+	NA	NA	OpenSea		TRAPPC9	0.000709529	4.17E-08	0.000253799	0.00099416
cg12120430	chr3	187935971	-	NA	NA	OpenSea	5'UTR	LPP	0.000713659	8.60E-08	0.000237879	0.00273188
cg00125451	chr14	103345885	+	NA	NA	OpenSea	TSS200	AL117209.1	0.000716518	9.71E-08	0.000237519	0.00300213
cg05548619	chr8	120903561	-	rs10955941	0.394453	OpenSea	TSS200	RN5S277	0.000717639	7.88E-08	0.000108612	0.1701919
cg08670289	chr12	70027131	+	NA	NA	OpenSea			0.000718216	2.22E-08	0.000247156	0.00121771
cg04547087	chr11	111600700	+	NA	NA	OpenSea	3'UTR	SIK2	0.000727653	1.66E-08	0.000210336	0.00599254
cg01193174	chr15	70028266	-	NA	NA	OpenSea			0.000728403	5.28E-08	0.000191449	0.0160239
cg02399458	chr12	3209481	-	NA	NA	OpenSea	5'UTR	TSPAN9	0.000728704	6.91E-08	0.000323649	6.25E-05
cg08115239	chr2	113539246	-	rs20540	0.020469	OpenSea			0.00072944	3.98E-09	0.000161285	0.02777442
cg26174326	chr6	26016674	+	NA	NA	N_Shelf			0.000735111	2.44E-08	0.000215549	0.00589723
cg05905168	chr6	42159186	+	rs4714576	0.401457	OpenSea			0.000737259	8.66E-08	0.000118382	0.14702107

cg23849201	chr12	3833996	-	NA	NA	OpenSea	5'UTR	EFCAB4B	0.000738768	1.65E-08	0.000306435	8.76E-05
cg07132187	chr10	130300318	+	NA	NA	S_Shore			0.000739852	1.73E-08	0.000239309	0.00216167
cg27272573	chr6	157479689	-	rs143941577	0.0302	OpenSea	5'UTR	ARID1B	0.00074151	8.21E-08	7.82E-05	0.33957752
cg18748888	chr17	76102450	-	NA	NA	S_Shore	3'UTR	TNRC6C	0.000742777	1.43E-08	0.000187276	0.01587517
cg23491344	chr16	48455243	-	NA	NA	OpenSea	TSS200	SIAH1	0.000743588	4.03E-08	0.000356622	1.12E-05
cg11343643	chr16	89951702	-	NA	NA	OpenSea	TSS1500	TCF25	0.00074361	9.42E-08	0.000142959	0.08363234
cg04788396	chr11	6526878	+	NA	NA	OpenSea		FXC1	0.000744555	2.44E-08	0.000109986	0.16370504
cg24794298	chr3	187992556	-	NA	NA	OpenSea	5'UTR	LPP	0.000746976	1.16E-08	0.000189135	0.01479608
cg04509238	chr1	205653625	+	NA	NA	S_Shelf			0.000747394	5.30E-08	0.000280856	0.00060713
cg11248473	chr22	31900334	+	rs5749286	0.256492	OpenSea	5'UTR	SFI1	0.000751414	1.16E-08	7.47E-05	0.33658555
cg06039049	chr8	125286746	+	NA	NA	OpenSea	5'UTR	RP11-383J24.1	0.0007538	5.60E-08	0.000269547	0.0011186
cg13151210	chr13	100760826	-	NA	NA	OpenSea	5'UTR	PCCA	0.000753822	6.81E-08	0.000220803	0.00785508
cg26291678	chr5	33946698	-	NA	NA	OpenSea	3'UTR	SLC45A2	0.000760456	5.33E-08	3.83E-05	0.64356902
cg03380512	chr6	107960476	+	NA	NA	S_Shelf	3'UTR	SOBP	0.000760618	4.40E-08	6.04E-06	0.94144157
cg06119874	chr1	207225424	+	NA	NA	N_Shore	TSS1500	PFKFB2	0.000762773	5.45E-08	0.000187395	0.02445167
cg24351767	chr22	29687564	+	NA	NA	OpenSea	ExonBnd	EWSR1	0.000765316	2.49E-08	6.40E-05	0.43002476
cg16965890	chr8	48612847	+	NA	NA	OpenSea	5'UTR	KIAA0146	0.000769026	4.23E-08	0.000251765	0.00256597
cg22995486	chr5	75592299	+	NA	NA	OpenSea	3'UTR	RP11-466P24.6	0.000773786	5.50E-08	0.000187474	0.02652788
cg00882322	chr19	12242840	-	NA	NA	OpenSea	3'UTR	ZNF20	0.000775358	5.17E-08	0.00033051	0.00010308
cg14755147	chr13	30984186	+	NA	NA	S_Shore			0.000780942	6.14E-08	0.000176972	0.038642
cg03442090	chr18	12759835	+	NA	NA	OpenSea	TSS1500	Y_RNA	0.000780991	1.99E-09	0.000104282	0.17422825
cg17003250	chr1	171313713	+	rs7518648	0.378698	OpenSea			0.00078329	5.87E-09	0.000276306	0.00055455
cg19341210	chr1	45166600	+	NA	NA	OpenSea	ExonBnd	C1orf228	0.000789438	6.51E-08	5.02E-05	0.56122769
cg26346441	chr14	74752123	-	rs10141723	0.015008	OpenSea			0.000789677	9.22E-08	-5.55E-06	0.94943129
cg05264881	chr1	15375148	-	rs140940258	0.0389	Island		KAZN	0.00078977	7.38E-08	0.00024788	0.00453314
cg04647176	chr12	341431	+	NA	NA	OpenSea		SLC6A13	0.000790323	3.90E-08	0.000332625	0.00010844
cg09181437	chr20	30670099	+	NA	NA	OpenSea		HCK	0.000790785	2.77E-08	0.000202438	0.01653016
cg01009828	chr18	77170050	-	rs182507	0.259209	N_Shore	TSS200	NFATC1	0.000791898	4.06E-08	0.000187801	0.0282399
cg04283000	chr13	113472466	-	rs114725822	0.013467	Island	5'UTR	ATP11A	0.000798332	9.73E-08	0.000295766	0.00092884
cg16398541	chr5	168232518	+	NA	NA	OpenSea		SLIT3	0.000808494	5.60E-08	0.000216574	0.01431079
cg16243832	chr7	129593276	+	NA	NA	S_Shore	TSS1500	UBE2H	0.000811437	1.32E-08	0.000155636	0.06542006
cg05362168	chr16	67562128	+	NA	NA	N_Shore	3'UTR	FAM65A	0.000812146	1.62E-08	0.000444822	2.72E-07
cg20167539	chr6	161995302	-	rs73593483	0.025137	OpenSea			0.000814122	1.95E-08	6.34E-05	0.45921546
cg07280194	chr5	55198902	-	NA	NA	OpenSea			0.000820984	1.72E-08	0.000240907	0.00533192
cg09394127	chr2	33710870	+	NA	NA	OpenSea	5'UTR	RASGRP3	0.000822818	2.74E-09	0.00012772	0.11770905
cg06741485	chr16	8348317	+	NA	NA	OpenSea	TSS200	RP11-279O17.1	0.000822863	2.60E-08	0.000234418	0.00757622
cg18509435	chr18	59157879	-	rs35676425	0.01282	OpenSea	1stExon	CDH20	0.000826589	9.80E-09	0.000101499	0.23321122
cg01123353	chr3	127394884	-	NA	NA	S_Shelf	5'UTR	ABTB1	0.000828825	4.43E-08	0.000411715	5.86E-06
cg19657945	chr8	144367392	+	NA	NA	S_Shore			0.00083271	9.64E-08	0.000317156	0.00066454
cg03423221	chr7	148484185	-	NA	NA	S_Shelf			0.000836172	3.19E-08	0.000207286	0.02082845
cg16590368	chr22	42769079	-	NA	NA	S_Shelf			0.000836749	2.16E-08	0.000196114	0.02683605
cg21147944	chr13	114264438	-	NA	NA	S_Shelf	5'UTR	TFDP1	0.000838567	7.09E-08	0.000221133	0.01675369
cg02137421	chr17	65442474	-	NA	NA	OpenSea			0.000842543	9.97E-08	0.000121548	0.19470717
cg20360928	chr2	61191582	-	NA	NA	OpenSea			0.000843425	8.46E-09	0.000121589	0.15991177
cg19848599	chr5	131658161	-	NA	NA	OpenSea	3'UTR	AC034220.3	0.000843746	9.95E-08	0.000244436	0.00945959
cg02227853	chr17	7283176	+	NA	NA	N_Shore	TSS1500	TNK1	0.000844052	6.97E-08	0.000177494	0.05593927
cg13765345	chr11	64131561	-	NA	NA	OpenSea		RPS6KA4	0.000845367	6.52E-08	0.000306542	0.0010122
cg26837844	chr16	28969861	-	NA	NA	OpenSea	3'UTR	NFATC2IP	0.00084904	3.47E-08	0.000273993	0.0027665
cg27550372	chr12	132286040	-	rs148631980	0.0962	Island	TSS200	RN5S378	0.000852972	5.22E-08	0.00034222	0.00025403
cg19204189	chr12	1973208	+	NA	NA	N_Shore		CACNA2D4	0.00085897	6.29E-08	0.000112065	0.23325931
cg08287211	chr10	134535631	+	NA	NA	N_Shore	5'UTR	INPP5A	0.000861445	2.62E-08	0.000156565	0.08756413

cg02205853	chr7	6509628	-	NA	NA	OpenSea	3'UTR	KDELR2	0.000862003	8.61E-08	6.21E-05	0.51443959
cg09581935	chr10	114591707	-	NA	NA	OpenSea			0.000867944	9.32E-08	5.17E-05	0.59104754
cg11668715	chr11	8713919	-	NA	NA	S_Shelf	TSS1500	RPL27A	0.000879971	7.61E-08	0.000262086	0.00709814
cg06264868	chr10	778709	-	NA	NA	OpenSea			0.00088052	3.08E-08	0.000279326	0.0031404
cg09068520	chr17	3374904	+	NA	NA	N_Shore	5'UTR	SPATA22	0.00088285	6.21E-08	0.000143298	0.1381284
cg25283432	chr12	125282561	+	NA	NA	OpenSea	3'UTR	SCARB1	0.000883812	3.17E-08	0.000666121	8.86E-12
cg00447581	chr3	52724578	+	NA	NA	OpenSea	TSS1500	SNORD19	0.000893566	3.34E-08	0.000206944	0.03102243
cg04110832	chr13	20439524	+	NA	NA	S_Shore			0.000903147	2.87E-08	0.000147489	0.12575337
cg17326403	chr5	645659	-	NA	NA	N_Shore	3'UTR	CEP72	0.000908502	4.00E-08	0.000263556	0.0073459
cg18744234	chr6	35422526	-	NA	NA	S_Shore			0.000917231	5.35E-08	0.000305919	0.00230977
cg11610925	chr10	134978049	-	rs60280897	0.016	Island		KNDC1	0.000926966	1.54E-08	0.000144005	0.13720157
cg14547519	chr9	88168431	+	NA	NA	OpenSea	3'UTR	AGTPBP1	0.000930179	8.35E-09	6.21E-05	0.5146575
cg19452754	chr3	58487342	-	NA	NA	OpenSea			0.000934114	8.63E-08	0.000373538	0.00033784
cg08927260	chr10	15254823	+	NA	NA	Island	3'UTR	FAM171A1	0.000935569	6.92E-08	0.000275724	0.00751797
cg10382148	chr1	209954182	-	NA	NA	N_Shelf	TSS200	TRAF3IP3	0.000948667	6.41E-08	0.000146557	0.15854473
cg17644611	chr8	17549768	+	NA	NA	OpenSea	TSS200	MTUS1	0.000956574	4.09E-10	0.000100984	0.26174419
cg04953297	chr21	43983837	-	rs17115131	0.053977	OpenSea			0.00096325	6.88E-08	0.000214985	0.04245849
cg06138257	chr12	133417190	-	NA	NA	N_Shore	3'UTR	CHFR	0.001002379	4.56E-08	0.000202427	0.06249635
cg00988841	chr10	134556463	-	NA	NA	S_Shore	3'UTR	INPP5A	0.001010991	4.24E-08	0.000138453	0.20480325
cg26112799	chr13	111893471	-	NA	NA	OpenSea	TSS200	ARHGEF7	0.001015567	7.93E-08	3.46E-05	0.7575847
cg16168885	chr1	179548211	-	NA	NA	S_Shelf			0.001042938	1.07E-08	2.87E-06	0.97875738
cg22071610	chr22	24086732	-	NA	NA	OpenSea			0.001047157	6.45E-09	4.07E-05	0.7018494
cg01202950	chr15	74943647	+	rs111225867	0.043916	OpenSea		EDC3	0.001056883	6.20E-09	0.000266543	0.01333317
cg21509981	chr4	17692765	+	rs4698649	0.343234	OpenSea			0.00107451	8.07E-08	3.18E-05	0.78846383
cg20397902	chr16	88624807	-	rs4496126	0.142726	Island			0.001089257	1.06E-08	0.000320403	0.00457588
cg15475168	chr7	101860421	+	NA	NA	OpenSea			0.001147367	1.16E-08	7.50E-05	0.52741524
cg08561469	chr16	81944150	+	NA	NA	OpenSea		PLCG2	0.001163379	3.38E-09	2.16E-05	0.85241727
cg10401356	chr8	140712424	+	NA	NA	N_Shelf			0.001226298	1.11E-08	0.00015833	0.21187535
cg18496624	chr17	38094692	+	NA	NA	OpenSea			0.001229382	5.44E-09	-4.56E-05	0.71367622
cg09593391	chr8	144737908	-	NA	NA	OpenSea	3'UTR	ZNF623	0.001263201	9.53E-08	-0.000183212	0.19162524
cg14946911	chr20	56772325	+	NA	NA	OpenSea			0.001284874	2.24E-09	5.74E-05	0.64989287
cg05933219	chr2	240099221	+	NA	NA	N_Shore	5'UTR	HDAC4	0.001339416	5.61E-08	-0.000143707	0.3248869
cg15540764	chr7	36919658	-	NA	NA	OpenSea		ELMO1	0.001396622	7.33E-08	-0.000399435	0.00960889
cg25979148	chr4	871629	+	rs1564280	0.189263	Island			0.002100383	2.55E-08	-7.54E-05	0.73496238
cg06688960	chr20	1504932	+	NA	NA	OpenSea			0.007134196	1.04E-09	0.000442397	0.52011158
cg26126295	chr4	119095240	+	NA	NA	OpenSea			0.007752004	1.78E-08	0.003396985	3.64E-05
cg17046825	chr13	21081216	-	rs7336556	0.49437	OpenSea			0.008339113	5.35E-08	-0.003113454	0.00066035

Rate of change expressed as % Beta units/ year.