

Table S5. Methylation change associations with genetic ancestry.

Highlighted CpGs represent CpGs that have associations with more than one ancestry. Highlighted results represent a p value <0.05

CpG	UCSC Gene	AFR p-value	AFR beta	EUR p-value	EUR bet	AMR p-value	AMR beta	EAS p-value	EAS beta	SAS p-value	SAS beta
cg10549986	<i>RSAD2</i>	0.46	0.170	0.07	0.290	0.16	0.489	3.15E-03	-0.45	0.96	-0.03
cg01534423		0.82	0.034	0.04	0.208	0.34	0.217	4.28E-03	-0.28	0.39	0.33
cg26312951	<i>MX1</i>	0.022	0.710	0.23	0.260	0.93	0.045	0.01	-0.55	0.45	-0.63
cg04798314	<i>SMYD3</i>	0.029	-0.378	0.49	-0.084	0.64	-0.124	0.01	0.30	0.48	-0.33
cg18540455	<i>CLASP2</i>	0.80	0.055	0.13	0.219	0.29	0.341	0.028	-0.31	0.83	0.12
cg15192736		0.11	-0.182	0.29	-0.082	0.60	0.091	0.033	0.16	0.40	-0.25
cg09720515	<i>HDAC8</i>	0.73	0.037	0.07	0.132	0.74	0.054	0.036	-0.15	0.84	-0.06
cg05245284		0.58	0.058	0.16	0.104	0.53	0.101	0.037	-0.15	0.92	0.03
cg23691090	<i>C22orf26</i>	0.51	0.228	0.12	-0.370	0.026	-1.169	0.043	0.47	0.90	0.11
cg14384230	<i>DISC1FP1</i>	0.43	-0.119	0.29	-0.110	0.92	-0.025	0.046	0.20	0.16	-0.56
cg15209676	<i>ZNF83</i>	0.75	0.052	0.03	0.243	0.20	-0.317	0.048	-0.22	0.43	0.34
cg15498409		0.79	-0.026	0.05	0.132	0.98	0.004	0.05	-0.13	0.41	0.21
cg23379566	<i>TM4SF1</i>	0.88	-0.020	0.035	0.187	0.68	0.083	0.054	-0.17	0.41	-0.28
cg16880783	<i>TRMT1</i>	0.12	0.438	7.95E-03	-0.513	0.50	-0.295	0.06	0.36	0.75	-0.24
cg09225861		0.07	0.196	0.44	-0.059	0.51	0.111	0.12	-0.12	1.12E-03	0.91
cg13130398	<i>RABGAP1L</i>	2.05E-03	0.509	0.86	-0.021	0.76	-0.079	0.13	-0.17	0.39	-0.38
cg23876832		0.04	-0.391	0.26	0.151	0.68	-0.124	0.14	0.19	3.75E-05	-1.98
cg12024906	<i>HKR1</i>	0.08	-0.194	0.54	-0.047	0.86	-0.029	0.18	0.10	0.042	0.59
cg08888522	<i>IFIH1</i>	0.02	0.558	0.56	0.102	0.20	-0.481	0.21	-0.21	0.25	-0.75
cg09948374	<i>RABGAP1L</i>	0.03	0.279	0.63	0.043	0.18	-0.270	0.22	-0.11	0.73	-0.12
cg13155430	<i>MX1</i>	0.05	0.596	0.68	0.086	0.43	-0.364	0.22	-0.25	0.49	-0.55
cg18715297	<i>PARP9;DTX3</i>	0.05	0.338	0.55	0.071	0.46	-0.195	0.23	-0.14	0.12	-0.70
cg02294690	<i>LAP3</i>	1.00	0.001	0.30	-0.132	0.35	0.263	0.24	0.15	0.023	-1.08
cg02218090		0.86	0.033	0.73	-0.043	0.044	-0.546	0.27	0.14	0.98	-0.01
cg24819596		0.01	0.439	0.20	-0.149	0.29	0.273	0.29	-0.12	0.79	0.12
cg24298610	<i>MX1</i>	9.11E-03	0.505	0.91	-0.016	0.31	-0.306	0.31	-0.14	0.52	-0.33
cg07469075	<i>PAMR1</i>	0.60	-0.076	0.16	-0.141	0.45	0.167	0.37	0.09	0.048	0.74
cg04082016		0.62	0.045	0.71	-0.024	0.035	-0.289	0.39	0.05	0.73	0.08
cg24023352	<i>MAPK8</i>	0.06	0.390	0.34	-0.137	0.04	-0.627	0.40	0.12	0.24	-0.63
cg12545480		0.65	0.054	0.19	0.107	0.044	-0.359	0.44	-0.06	0.80	0.08
cg02095219	<i>RPS6KB1</i>	0.66	0.092	0.93	0.013	0.01	-0.790	0.44	0.11	0.88	-0.08
cg11946459	<i>HLA-A</i>	0.19	0.214	0.73	-0.040	0.11	-0.395	0.50	0.08	0.041	-0.88
cg15049439	<i>INSR</i>	0.02	-0.543	0.47	0.122	0.86	0.067	0.52	0.11	0.76	0.19
cg21549285	<i>MX1</i>	0.011	0.859	0.81	-0.056	0.12	-0.818	0.53	-0.15	0.57	-0.51
cg13849515	<i>MIR3614;TRIM</i>	0.24	-0.129	0.75	0.024	0.024	0.373	0.54	-0.05	0.64	0.13
cg10213935	<i>TNFSF10</i>	0.04	0.356	0.84	-0.025	0.74	-0.089	0.58	-0.07	0.06	-0.85
cg22711847		0.04	-0.562	0.46	0.138	0.88	0.061	0.59	0.10	0.75	0.23

cg22930808	<i>PARP9</i>	0.01	1.125	0.75	-0.098	0.15	-0.950	0.60	-0.16	0.30	-1.19
cg07397757	<i>ZBTB40</i>	0.03	0.358	0.21	-0.144	0.07	-0.454	0.66	0.05	0.67	0.19
cg01190666	<i>PRIC285</i>	2.56E-03	0.299	0.58	-0.039	0.08	-0.276	0.66	-0.03	0.38	-0.24
cg05523603		3.35E-03	0.713	0.21	-0.214	0.82	-0.086	0.68	-0.07	0.40	-0.56
cg14595557	<i>CMPK2</i>	0.025	0.446	0.55	-0.084	0.40	-0.258	0.70	-0.05	0.57	-0.30
cg08926253	<i>IRF7</i>	0.04	0.466	0.40	-0.132	0.23	-0.410	0.71	0.06	0.11	-0.95
cg16022555	<i>MAP3K14</i>	0.13	0.411	0.83	-0.040	0.38	0.367	0.74	-0.06	4.05E-04	-2.42
cg04253214		0.015	0.653	0.28	-0.203	0.08	-0.725	0.75	0.06	0.64	-0.33
cg02154531	<i>NHSL2</i>	0.94	-0.009	0.39	-0.069	0.02	0.407	0.75	-0.03	0.47	0.22
cg11317199	<i>TRIM14</i>	0.88	-0.016	0.61	-0.038	0.36	0.151	0.75	-0.02	0.048	0.55
cg06981309	<i>PLSCR1</i>	0.02	0.584	0.46	-0.129	0.26	-0.430	0.76	-0.05	0.83	-0.15
cg26336429	<i>NR2C1</i>	0.05	0.498	0.28	-0.193	0.31	0.394	0.77	-0.05	0.11	-1.08
cg14759944	<i>MSH3</i>	0.78	-0.032	0.85	-0.015	0.04	0.351	0.77	-0.02	0.34	-0.28
cg18467790	<i>RADIL</i>	0.33	-0.118	0.46	-0.062	0.024	0.412	0.80	0.02	0.60	0.17
cg19902553	<i>JPH3;JPH3</i>	0.52	-0.079	0.44	-0.066	0.09	0.320	0.83	-0.02	0.010	0.82
cg19965693	<i>IFIH1</i>	0.023	0.270	0.28	-0.090	0.76	-0.057	0.83	-0.02	0.63	-0.15
cg16276113	<i>PRDM15</i>	0.05	-0.217	0.67	0.033	0.07	0.304	0.84	0.02	0.71	-0.11
cg08122652	<i>PARP9</i>	0.04	0.506	0.65	-0.078	0.25	-0.428	0.84	-0.03	0.35	-0.60
cg17608381	<i>HLA-A</i>	0.45	0.145	0.33	0.127	0.17	-0.394	0.84	-0.03	8.99E-03	-1.28
cg22862003	<i>MX1</i>	3.07E-03	0.666	0.33	-0.155	0.18	-0.473	0.87	-0.03	0.33	-0.59
cg14943355	<i>PARP11</i>	0.73	-0.082	0.32	0.164	0.36	-0.326	0.87	0.03	0.047	-1.22
cg16759545	<i>F13A1</i>	0.05	-0.408	0.50	0.097	0.40	0.265	0.90	0.02	0.50	0.37
cg04559928	<i>LOC1006309</i>	0.03	-0.291	0.77	0.028	0.07	0.372	0.90	0.01	0.34	0.35
cg00569896		1.38E-04	-0.740	0.24	0.165	0.02	0.725	0.91	0.02	0.50	0.36
cg08993878		0.25	0.178	0.93	-0.010	0.88	-0.037	0.99	0.00	0.012	-1.00
cg05994974	<i>PARP12</i>	0.09	0.405	0.74	-0.055	0.039	-0.755	0.99	0.00	0.75	0.20

Table S5. Methylation change associations with ethnicity/race. Highlighted CpGs represent CpGs that have associations with more than one ancestry. Highlighted results represent a p value <0.05

CpG	UCSC Gene Name	Black p-value	Black beta	Asian p-value	Asian beta	Hispanic p-value	Hispanic beta	White p-value	White beta
cg18540455	<i>CLASP2</i>	0.58	0.092	1.76E-04	-0.441	0.27	0.15	0.01	0.33
cg25098876	<i>BTBD9</i>	0.84	-0.027	0.02	-0.228	0.50	0.07	0.03	0.22
cg05523603		0.01	0.402	0.19	0.164	0.31	-0.14	0.07	-0.23
cg13587253	<i>CNNM1</i>	0.62	-0.052	1.95E-03	0.237	0.35	-0.08	0.07	-0.14
cg01534423		0.46	0.086	2.92E-03	-0.251	0.43	0.07	0.08	0.16
cg18715297	<i>PARP9;DTX3L</i>	0.04	0.261	0.09	-0.161	0.15	-0.15	0.09	0.17
cg16474696	<i>MRI1</i>	0.96	0.006	0.03	0.168	0.38	-0.08	0.14	-0.12
cg02095219	<i>RPS6KB1</i>	0.59	0.074	0.80	-0.026	0.03	-0.24	0.14	0.15
cg01741606	<i>LARGE</i>	0.16	-0.172	0.04	0.181	0.59	0.05	0.15	-0.14
cg16222083	<i>DTL</i>	0.48	0.089	0.03	-0.197	0.60	0.05	0.15	0.14
cg12697442	<i>YAP1</i>	0.69	-0.073	0.02	-0.302	0.18	0.20	0.21	0.18
cg10213935	<i>TNFSF10</i>	0.01	0.298	0.77	-0.026	0.79	-0.03	0.32	-0.09
cg25374269		0.75	0.040	0.02	0.203	0.17	-0.13	0.32	-0.09
cg11715858		0.05	-0.150	0.73	-0.020	0.44	0.05	0.35	0.05
cg00569896		1.68E-04	-0.524	0.65	0.049	0.30	0.12	0.36	0.10
cg21610839	<i>UBE2E1</i>	0.87	-0.021	0.03	0.214	0.26	-0.12	0.38	-0.09
cg22711847		0.04	-0.392	0.03	0.314	0.95	0.01	0.39	-0.13
cg05231366	<i>YWHAE</i>	0.26	0.157	0.017	-0.246	0.30	0.12	0.39	0.09
cg19965693	<i>IFIH1</i>	0.02	0.198	0.86	-0.011	0.93	-0.01	0.41	-0.06
cg05472874	<i>SULT4A1</i>	0.04	0.232	0.16	-0.119	0.41	-0.08	0.41	0.07
cg03680873		0.13	0.188	0.86	-0.016	0.02	-0.24	0.43	0.08
cg21188533	<i>CACNA1D</i>	0.40	0.088	0.46	0.057	0.03	-0.18	0.43	0.06
cg24217756	<i>DNAJC19</i>	0.78	0.043	0.30	-0.117	0.03	0.27	0.47	-0.08
cg21549285	<i>MX1</i>	0.01	0.566	0.53	-0.105	0.12	-0.28	0.48	0.12
cg12024906	<i>HKR1</i>	0.01	-0.192	0.03	0.126	0.69	-0.03	0.49	-0.04
cg26312951	<i>MX1</i>	0.02	0.488	0.12	-0.241	0.67	-0.07	0.51	0.11
cg02889828		0.07	-0.252	0.97	-0.003	0.03	0.24	0.54	-0.07
cg17036785	<i>FAM216A;GPN3</i>	0.02	0.579	0.42	-0.153	0.84	-0.04	0.55	-0.12
cg00307203	<i>MYO5B</i>	0.11	-0.154	3.16E-03	0.207	0.40	-0.07	0.55	-0.04
cg27074582	<i>HDAC4</i>	0.02	-0.189	0.81	0.015	0.25	0.08	0.58	0.04
cg23691090	<i>C22orf26;LOC150381</i>	0.37	0.239	0.44	0.151	0.03	-0.45	0.59	0.11
cg22862003	<i>MX1</i>	3.03E-03	0.452	0.81	0.028	0.09	-0.21	0.63	-0.06
cg22494142	<i>BMF</i>	0.33	0.149	0.03	-0.245	0.12	0.19	0.71	0.04
cg06981309	<i>PLSCR1</i>	0.01	0.417	0.91	0.015	0.22	-0.17	0.73	-0.05
cg16276113	<i>PRDM15</i>	0.04	-0.158	0.90	-0.007	0.23	0.08	0.73	0.02
cg13155430	<i>MX1</i>	0.04	0.411	0.83	-0.033	0.37	-0.15	0.73	-0.05
cg04798314	<i>SMYD3</i>	0.16	-0.195	0.04	0.215	0.41	-0.09	0.75	-0.03
cg22930808	<i>PARP9</i>	0.02	0.656	0.82	0.048	0.08	-0.40	0.80	0.06

cg13130398	<i>RABGAP1L</i>	1.02E-03	0.389	0.45	-0.068	0.22	-0.12	0.83	-0.02
cg08806261		0.06	-0.295	0.015	0.283	0.53	-0.08	0.83	-0.03
cg07755735	<i>GDF7</i>	0.62	0.045	0.12	-0.105	0.05	0.14	0.85	0.01
cg11871820	<i>MED23</i>	0.45	0.154	0.02	-0.350	0.17	0.22	0.88	0.02
cg08888522	<i>IFIH1</i>	0.02	0.362	0.48	-0.086	0.28	-0.14	0.88	0.02
cg01190666	<i>PRIC285</i>	0.01	0.182	0.82	0.012	0.16	-0.08	0.90	-0.01
cg01948202	<i>PARP14</i>	0.85	0.045	0.05	0.333	0.03	-0.41	0.95	0.01
cg15049439	<i>INSR</i>	0.01	-0.431	0.25	0.144	0.56	0.08	0.97	-0.01
cg24298610	<i>MX1</i>	0.03	0.278	0.32	-0.097	0.71	-0.04	0.97	0.00

Table S5. Methylation change associations with AFR ancestry and Black race.

Highlighted CpGs represent overlaps between ancestry and race. Highlighted results represent a p value <0.05

CpG	UCSF gene name	AFR p value	AFR delta	Black p value	Black delta
cg00569896		1.38E-04	-0.74	1.68E-04	-0.524
cg13130398	<i>RABGAP1L</i>	2.05E-03	0.51	1.02E-03	0.389
cg22862003	<i>MX1</i>	3.07E-03	0.67	3.03E-03	0.452
cg01190666	<i>PRIC285</i>	2.56E-03	0.30	0.008	0.182
cg15049439	<i>INSR</i>	0.02	-0.54	0.01	-0.431
cg21549285	<i>MX1</i>	0.01	0.86	0.01	0.566
cg10213935	<i>TNFSF10</i>	0.04	0.36	0.012	0.298
cg12024906	<i>HKR1</i>	0.08	-0.19	0.012	-0.192
cg06981309	<i>PLSCR1</i>	0.018	0.58	0.014	0.417
cg05523603		3.35E-03	0.71	0.015	0.402
cg26312951	<i>MX1</i>	0.02	0.71	0.02	0.488
cg22930808	<i>PARP9;DTX3L</i>	0.008	1.12	0.02	0.656
cg19965693	<i>IFIH1</i>	0.02	0.27	0.02	0.198
cg17036785	<i>FAM216A;GPN3</i>	0.07	0.72	0.023	0.579
cg27074582	<i>HDAC4</i>	0.15	-0.16	0.02	-0.189
cg08888522	<i>IFIH1</i>	0.02	0.56	0.025	0.362
cg24298610	<i>MX1</i>	0.009	0.50	0.03	0.278
cg18715297	<i>PARP9;DTX3L</i>	0.05	0.34	0.04	0.261
cg05472874	<i>SULT4A1</i>	0.09	0.28	0.04	0.232
cg13155430	<i>MX1</i>	0.05	0.60	0.042	0.411
cg16276113	<i>PRDM15</i>	0.05	-0.22	0.04	-0.158
cg22711847		0.04	-0.56	0.04	-0.392
cg11715858		0.09	-0.19	0.05	-0.150
cg09948374	<i>RABGAP1L</i>	0.03	0.28	0.05	0.165
cg04253214		0.015	0.65	0.05	0.360
cg23876832		0.04	-0.39	0.06	-0.255
cg08926253	<i>IRF7</i>	0.04	0.47	0.06	0.278
cg08122652	<i>PARP9;DTX3L</i>	0.04	0.51	0.06	0.314
cg04559928	<i>LOC100630923;PRKRIP1</i>	0.03	-0.29	0.07	-0.167
cg16759545	<i>F13A1</i>	0.05	-0.41	0.11	-0.221
cg24819596		0.008	0.44	0.12	0.186
cg14595557	<i>CMPK2</i>	0.03	0.45	0.12	0.207
cg26336429	<i>NR2C1</i>	0.05	0.50	0.16	0.292
cg04798314	<i>SMYD3</i>	0.03	-0.38	0.16	-0.195
cg07397757	<i>ZBTB40</i>	0.03	0.36	0.28	0.123

Table S5. Methylation change associations with EAS ancestry, SAS ancestry and Asian race.

Highlighted CpGs represent overlaps between ancestry and race. Highlighted results represent a p value <0.05

CpG	UCSC Gene Name	EAS p value	EAS beta	SAS p value	SAS beta	Asian p value	Asian beta
cg18540455	<i>CLASP2</i>	0.03	-0.31	0.83	0.12	1.76E-04	-0.44
cg13587253	<i>CNNM1</i>	0.1	0.16	0.64	0.17	1.95E-03	0.24
cg01534423		4.28E-03	-0.28	0.39	0.33	2.92E-03	-0.25
cg00307203	<i>MYO5B</i>	0.08	0.15	0.25	0.4	3.16E-03	0.21
cg08806261		0.45	0.11	0.25	-0.67	0.015	0.28
cg25374269		0.49	0.07	0.18	-0.54	0.02	0.2
cg11871820	<i>MED23</i>	0.85	-0.04	0.29	-0.77	0.02	-0.35
cg12697442	<i>YAP1</i>	0.93	0.02	0.58	-0.36	0.02	-0.3
cg05231366	<i>YWHAE</i>	0.7	-0.05	0.63	0.24	0.02	-0.25
cg25098876	<i>BTBD9</i>	0.59	-0.06	0.81	-0.11	0.02	-0.23
cg12024906	<i>HKR1</i>	0.18	0.1	0.04	0.59	0.03	0.13
cg21610839	<i>UBE2E1</i>	0.24	0.12	0.32	-0.41	0.03	0.21
cg22494142	<i>BMF</i>	0.46	0.1	0.39	-0.47	0.03	-0.24
cg16222083	<i>DTL</i>	0.54	-0.08	0.47	0.35	0.03	-0.2
cg16474696	<i>MRI1</i>	0.14	0.15	0.68	-0.17	0.03	0.17
cg22711847		0.59	0.1	0.75	0.23	0.03	0.31
cg01741606	<i>LARGE</i>	0.06	0.23	0.26	-0.53	0.04	0.18
cg04798314	<i>SMYD3</i>	0.01	0.3	0.48	-0.33	0.04	0.21
cg02294690	<i>LAP3</i>	0.24	0.15	0.02	-1.08	0.11	0.14
cg14384230	<i>DISC1FP1</i>	0.05	0.2	0.16	-0.56	0.12	0.13
cg26312951	<i>MX1</i>	0.01	-0.55	0.45	-0.63	0.12	-0.24
cg23876832		0.14	0.19	3.75E-05	-1.98	0.16	0.14
cg15209676	<i>ZNF83</i>	0.05	-0.22	0.43	0.34	0.19	-0.12
cg07469075	<i>PAMR1</i>	0.37	0.09	0.05	0.74	0.28	0.09
cg11946459	<i>HLA-A</i>	0.5	0.08	0.04	-0.88	0.33	0.09
cg05245284		0.04	-0.15	0.92	0.03	0.38	-0.05
cg08993878		0.99	0	0.01	-1	0.4	-0.07
cg23691090	<i>C22orf26;LOC15038</i>	0.04	0.47	0.9	0.11	0.44	0.15
cg09720515	<i>HDAC8</i>	0.04	-0.15	0.84	-0.06	0.49	0.05
cg15192736		0.03	0.16	0.4	-0.25	0.54	0.04
cg14943355	<i>PARP11</i>	0.87	0.03	0.05	-1.22	0.57	0.07
cg11317199	<i>TRIM14</i>	0.75	-0.02	0.05	0.55	0.72	-0.02
cg19902553	<i>JPH3</i>	0.83	-0.02	0.01	0.82	0.76	0.02
cg09225861		0.12	-0.12	1.12E-03	0.91	0.77	-0.02
cg10549986	<i>RSAD2</i>	3.15E-03	-0.45	0.96	-0.03	0.87	-0.02
cg15498409		0.05	-0.13	0.41	0.21	0.93	0.01
cg16022555	<i>MAP3K14</i>	0.74	-0.06	4.05E-04	-2.42	0.94	-0.01
cg17608381	<i>HLA-A</i>	0.84	-0.03	0.01	-1.28	0.94	-0.01

Table S5. Methylation change associations with AMR ancestry and Hispanic race.

Highlighted CpGs represent overlaps between ancestry and race. Highlighted results represent a p value <0.05

CpG	USCS Gene Name	AMR p value	AMR beta	Hispanic p value	Hispanic beta
cg03680873		0.13	-0.44	0.02	-0.24
cg02095219	<i>RPS6KB1</i>	0.01	-0.79	0.03	-0.24
cg23691090	<i>C22orf26;LOC150381</i>	0.03	-1.17	0.03	-0.45
cg02889828		0.06	0.47	0.03	0.24
cg01948202	<i>PARP14</i>	0.11	-0.86	0.03	-0.41
cg21188533	<i>CACNA1D</i>	0.14	-0.33	0.03	-0.18
cg24217756	<i>DNAJC19</i>	0.16	0.46	0.03	0.27
cg07755735	<i>GDF7</i>	0.12	0.31	0.05	0.14
cg02154531	<i>NHSL2</i>	0.02	0.41	0.13	0.10
cg04082016		0.04	-0.29	0.18	-0.07
cg13849515	<i>MIR3614;TRIM25</i>	0.02	0.37	0.19	0.08
cg05994974	<i>PARP12</i>	0.04	-0.76	0.20	-0.18
cg24023352	<i>MAPK8</i>	0.04	-0.63	0.26	-0.13
cg00569896		0.02	0.72	0.30	0.12
cg14759944	<i>MSH3</i>	0.04	0.35	0.31	0.07
cg02218090		0.04	-0.55	0.42	-0.08
cg12545480		0.04	-0.36	0.48	-0.05
cg18467790	<i>RADIL</i>	0.02	0.41	0.50	0.04

Table S5. Methylation change associations with EUR ancestry SAS and White race.

Highlighted CpGs represent overlaps between ancestry and race. Highlighted results represent a p value <0.05

CpG	UCSC Gene	EUR p value	EUR beta	White p value	White beta
cg18540455	<i>CLASP2</i>	0.13	0.22	0.01	0.33
cg25098876	<i>BTBD9</i>	0.59	0.06	0.03	0.22
cg23379566	<i>TM4SF1</i>	0.03	0.19	0.08	0.12
cg01534423		0.04	0.21	0.08	0.16
cg15209676	<i>ZNF83</i>	0.03	0.24	0.37	0.08
cg16880783	<i>TRMT1</i>	0.01	-0.51	0.52	-0.10

diffMethyl~EUR+age+female
diffMethyl~AFR+age+female
diffMethyl~EAS+age+female
diffMethyl~SAS+age+female
diffMethyl~AMR+age+female

diffMethyl=time2-time1

diffMethyl~self-report white + age + sex
diffMethyl~self-report black + age + sex
diffMethyl~self-report asian + age + sex
diffMethyl~self-report hispanic + age + sex

diffMethyl=time2-time1
self-report white=1 vs 0
self-report black=1 vs 0
self-report asian=1 vs 0
self-report hispanic=1 vs 0