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Table S4. Meta-analysis results of associations between dietary glycemic index and blood DNA methylation (whole group, top 5 findings based on nominal P-value)

*Cohort abbreviations: ATHOB: ATHEROBESITY, LIFE: LIFE Child, TD: TEENDIAB, RAINE: Raine Study Gen2, NFBC: NFBC1986

CpG	Chromosome	Position (hg19)	Relation to Island	Nearest Gene (Illumina annotation)	Total number	Beta coefficient	Standard error	nominal P-value	FDR-corrected P-value	I-squared	Heterogeneity test P-value	Direction of effect in each cohort (order as listed in Cohort included)	Cohort included*	Probe availability
cg00008075	5	126938799	OpenSea		398	-0.4541	0.0861	1.34e-07	0.09367	67.6	0.0456	---	ATHOB,LIFE,TD	EPIC
cg01578632	16	69958298	OpenSea	WWP2	1188	-0.0251	0.0051	8.70e-07	0.12148	0	0.7045	-----	ATHOB,INMA,LIFE,TD,NFBC,RAINE	450K/EPIC
cg11616283	2	26101360	Island	ASXL2	398	0.0303	0.0061	7.88e-07	0.12148	0	0.5501	+++	ATHOB,LIFE,TD	EPIC
cg15042047	7	151317177	OpenSea	PRKAG2	398	-0.0520	0.0102	3.71e-07	0.12148	0	0.9991	---	ATHOB,LIFE,TD	EPIC
cg08077269	1	45301514	OpenSea	PTCH2	398	-0.1505	0.0318	1.06e-06	0.12148	0	0.4654	---	ATHOB,LIFE,TD	EPIC

Table S5. Meta-analysis results of associations between dietary glycemic load and blood DNA methylation (whole group, top 5 findings based on nominal P-value)

*Cohort abbreviations: ATHOB: ATHEROBESITY, LIFE: LIFE Child, TD: TEENDIAB, RAINE: Raine Study Gen2, NFBC: NFBC1986

CpG	Chromosome	Position (hg19)	Relation to Island	Nearest Gene (Illumina annotation)	Total number	Beta coefficient	Standard error	nominal P-value	FDR-corrected P-value	I-squared	Heterogeneity test P-value	Direction of effect in each cohort (order as listed in Cohort included)	Cohort included*	Probe availability
cg20274553	6	169939263	OpenSea	WDR27	691	0.0023	0.0004	3.26e-08	0.0224	0	0.6480	+++	INMA,LIFE,TD,NFBC	450K/EPIC
cg02978505	16	85292322	OpenSea		693	-0.0656	0.0128	3.05e-07	0.0696	28.6	0.2404	--+	INMA,LIFE,TD,NFBC	450K/EPIC
cg20965602	19	29993879	OpenSea	LOC284395	289	-0.0193	0.0037	2.13e-07	0.0696	0	0.6336	--	LIFE,TD	EPIC
cg22542699	2	208205302	OpenSea		693	0.0022	0.0004	4.61e-07	0.0791	52.7	0.0960	++	INMA,LIFE,TD,NFBC	450K/EPIC
cg05855306	3	119107484	OpenSea	ARHGAP31	289	0.0086	0.0017	8.07e-07	0.0923	89.9	0.0016	++	LIFE,TD	EPIC

Table S6. Meta-analysis results of associations between dietary glycemic index and blood DNA methylation (participants with normal-weight, FDR <0.05)

*Cohort abbreviations: ATHOB: ATHEROBESITY, LIFE: LIFE Child, TD: TEENDIAB, RAINE: Raine Study Gen2, NFBC: NFBC1986

CpG	Chromosome	Position (hg19)	Relation to Island	Nearest Gene (Illumina annotation)	Total number	Beta coefficient	Standard error	nominal P-value	FDR-corrected P-value	I-squared	Heterogeneity test P-value	Direction of effect in each cohort (order as listed in Cohort included)	Cohort included*	Probe availability
cg08951101	2	25639759	OpenSea	DTNB	219	-0.3736	0.0438	1.57e-17	1.09e-11	94.9	2.32e-09	→	TD,LIFE,ATHOB	EPIC
cg21859546	12	3563766	OpenSea	PRMT8	219	0.5461	0.0779	2.39e-12	7.99e-07	93.1	4.18e-07	→	TD,LIFE,ATHOB	EPIC
cg22460923	1	21900915	OpenSea	ALPL	219	0.2324	0.0334	3.44e-12	7.99e-07	90.5	2.54e-05	+++	TD,LIFE,ATHOB	EPIC
cg03827836	1	2254127	Island	MORN1	219	0.1134	0.0371	3.88e-11	6.75e-06	96.9	9.11e-15	+++	TD,LIFE,ATHOB	EPIC
cg26153425	3	108257188	OpenSea		219	-0.2743	0.0452	1.35e-09	1.80e-05	53.2	0.1180	---	TD,LIFE,ATHOB	EPIC
cg00008075	5	126938799	OpenSea		219	-0.5721	0.1032	2.95e-08	0.0029	93.2	3.47e-07	→	TD,LIFE,ATHOB	EPIC
cg05094137	16	53125208	OpenSea	CHD9	801	-0.0985	0.0177	2.98e-08	0.0029	88.1	5.07e-08	→+→	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg23605244	1	205633005	S_Shore	SLC45A3	219	0.2230	0.0405	3.65e-08	0.0031	82.6	0.0031	+++	TD,LIFE,ATHOB	EPIC
cg07980773	17	73322422	OpenSea	GRB2	219	0.1945	0.0359	6.07e-08	0.0038	0	0.3704	+++	TD,LIFE,ATHOB	EPIC
cg10709645	16	67998039	N_Shelf	SLC12A4	219	-0.5322	0.0978	5.38e-08	0.0038	71.3	0.0303	---	TD,LIFE,ATHOB	EPIC
cg14272204	2	233306057	OpenSea		219	-0.1232	0.0226	5.56e-08	0.0038	89.8	5.39e-05	---	TD,LIFE,ATHOB	EPIC
cg15506702	4	7472891	OpenSea	SORCS2	219	0.0943	0.0175	6.66e-08	0.0038	42.4	0.1759	+++	TD,LIFE,ATHOB	EPIC
cg20101433	6	30130922	OpenSea	TRIM15	219	0.2988	0.0560	9.79e-08	0.0052	89.8	5.19e-05	+++	TD,LIFE,ATHOB	EPIC
cg03688771	22	31101205	OpenSea	OSBP2	219	0.2484	0.0468	1.16e-07	0.0053	63.2	0.0657	+++	TD,LIFE,ATHOB	EPIC
cg23979983	4	107597761	OpenSea		219	0.2129	0.0401	1.11e-07	0.0053	41.2	0.1823	+++	TD,LIFE,ATHOB	EPIC
cg00087645	6	157040279	N_Shore		801	-0.0295	0.0056	1.54e-07	0.0067	38.1	0.151	-----	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg07513425	13	113531725	OpenSea	ATP11A	219	-0.1311	0.0252	1.99e-07	0.0081	0	0.6307	---	TD,LIFE,ATHOB	EPIC
cg03128522	17	25788807	OpenSea		219	0.3836	0.0740	2.18e-07	0.0082	62.1	0.0710	+++	TD,LIFE,ATHOB	EPIC
cg17282830	12	88427966	N_Shore	C12orf29	219	-0.2222	0.0430	2.37e-07	0.0082	50.9	0.1301	---	TD,LIFE,ATHOB	EPIC
cg19802547	2	103281097	OpenSea	SLC9A2	219	-0.2663	0.0515	2.28e-07	0.0082	82.0	0.0038	→	TD,LIFE,ATHOB	EPIC
cg02184558	16	68104456	OpenSea	DUS2	219	1.2527	0.2450	3.16e-07	0.0105	62.8	0.0677	+++	TD,LIFE,ATHOB	EPIC
cg05432558	17	62632136	OpenSea	SMURF2	219	0.2728	0.0537	3.92e-07	0.0113	0	0.8659	+++	TD,LIFE,ATHOB	EPIC
cg08743514	17	62543786	OpenSea	SMURF2	219	-0.0984	0.0195	4.59e-07	0.0113	80.7	0.0055	---	TD,LIFE,ATHOB	EPIC
cg10349674	9	14723209	OpenSea	CER1	219	0.4701	0.0934	4.94e-07	0.0113	87.7	0.0002	+++	TD,LIFE,ATHOB	EPIC
cg12022532	8	144473948	OpenSea		219	-0.1984	0.0395	5.05e-07	0.0113	90.2	3.49e-05	---	TD,LIFE,ATHOB	EPIC
cg12884719	1	232246264	OpenSea		219	0.3251	0.0643	4.35e-07	0.0113	54.6	0.1102	+++	TD,LIFE,ATHOB	EPIC
cg14051770	7	76054572	OpenSea	ZP3	801	0.1194	0.0239	4.99e-07	0.0113	93.8	4.17e-16	++++	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg15589104	16	50309171	OpenSea	ADCY7	88	0.2672	0.0529	4.52e-07	0.0113	88.3	0.0033	++	LIFE,ATHOB	EPIC
cg19821999	2	236520219	OpenSea	AGAP1	219	-0.2881	0.0573	5.02e-07	0.0113	42.1	0.1775	---	TD,LIFE,ATHOB	EPIC
cg23427404	10	29546610	OpenSea		219	0.4741	0.0933	3.72e-07	0.0113	0	0.8945	+++	TD,LIFE,ATHOB	EPIC
cg25082074	3	17520378	OpenSea	TBC1D5	219	0.3376	0.0668	4.30e-07	0.0113	82.9	0.0028	+++	TD,LIFE,ATHOB	EPIC
cg12332383	5	89908984	OpenSea	ADGRV1	219	0.2592	0.0517	5.37e-07	0.0115	75.8	0.0158	+++	TD,LIFE,ATHOB	EPIC
cg19363465	5	608391	N_Shelf	LOC100996325	219	0.1737	0.0347	5.46e-07	0.0115	91.4	8.88e-06	+++	TD,LIFE,ATHOB	EPIC
cg15264825	3	42885449	OpenSea	ACKR2	219	0.2391	0.0479	6.01e-07	0.0122	0	0.4120	+++	TD,LIFE,ATHOB	EPIC
cg01160763	16	86124162	OpenSea		219	-0.2861	0.0578	7.65e-07	0.0152	71.0	0.0314	---	TD,LIFE,ATHOB	EPIC
cg24147838	19	54876664	OpenSea	LAIR1	801	0.1265	0.0256	8.00e-07	0.0154	0	0.9904	+++++	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg02795334	10	119659156	OpenSea		801	-0.2086	0.0423	8.39e-07	0.0155	87.5	1.34e-07	++++	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg15047408	20	42427235	OpenSea		219	-0.2374	0.0482	8.50e-07	0.0155	83.3	0.0024	→	TD,LIFE,ATHOB	EPIC
cg02914589	20	61309080	OpenSea		219	0.2667	0.0543	9.22e-07	0.0161	61.5	0.0742	+++	TD,LIFE,ATHOB	EPIC
cg23237607	14	91528264	S_Shore	RPS6KA5	219	-0.1919	0.0391	9.27e-07	0.0161	87.2	0.0004	→	TD,LIFE,ATHOB	EPIC
cg04813149	7	130003263	OpenSea	CPA5	219	0.0852	0.0173	9.54e-07	0.0161	91.8	4.39e-06	+++	TD,LIFE,ATHOB	EPIC
cg22343910	9	116726212	OpenSea	ZNF618	219	-0.0783	0.0160	1.11e-06	0.0184	90.6	2.20e-05	---	TD,LIFE,ATHOB	EPIC
cg21189242	17	7222189	S_Shelf	NEURL4	219	-0.0504	0.0103	1.21e-06	0.0196	93.0	5.42e-07	→	TD,LIFE,ATHOB	EPIC
cg27039257	3	185533592	OpenSea	IGF2BP2	219	0.3124	0.0644	1.25e-06	0.0198	85.9	0.0007	+++	TD,LIFE,ATHOB	EPIC
cg00774406	7	129445517	OpenSea		219	0.1743	0.0360	1.31e-06	0.0203	37.8	0.2002	+++	TD,LIFE,ATHOB	EPIC
cg08906056	3	112214284	OpenSea	BTLA	219	-0.3063	0.0634	1.36e-06	0.0203	0	0.5464	---	TD,LIFE,ATHOB	EPIC
cg22879270	15	40987177	Island	RAD51	801	0.0203	0.0042	1.40e-06	0.0203	44.6	0.1077	++++→	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg24363299	19	15391923	OpenSea	BRD4	219	0.2549	0.0528	1.38e-06	0.0203	0	0.6651	+++	TD,LIFE,ATHOB	EPIC
cg05327271	16	1364473	Island	UBE2I	88	0.2888	0.0600	1.49e-06	0.0212	59.1	0.1178	++	LIFE,ATHOB	EPIC
cg08893641	6	100016580	Island	CCNC	219	0.0889	0.0185	1.56e-06	0.0217	0	0.4785	+++	TD,LIFE,ATHOB	EPIC
cg01530292	19	5669474	OpenSea		219	0.2524	0.0528	1.73e-06	0.0225	67.1	0.0477	+++	TD,LIFE,ATHOB	EPIC
cg20715159	5	142305468	OpenSea	ARHGAP26	219	0.2459	0.0514	1.75e-06	0.0225	0	0.9985	+++	TD,LIFE,ATHOB	EPIC
cg24618945	20	24448346	N_Shore	SYNDIG1	219	-0.2858	0.0597	1.72e-06	0.0225	86.5	0.0005	---	TD,LIFE,ATHOB	EPIC
cg27412523	6	144656847	OpenSea	UTRN	219	-0.1306	0.0272	1.65e-06	0.0225	83.1	0.0026	→	TD,LIFE,ATHOB	EPIC
cg16533029	4	26624784	OpenSea	TBC1D19	219	0.2583	0.0541	1.79e-06	0.0227	85.7	0.0009	+++	TD,LIFE,ATHOB	EPIC
cg03185855	2	145135549	OpenSea		219	0.2091	0.0439	1.97e-06	0.0244	83.1	0.0026	++	TD,LIFE,ATHOB	EPIC
cg07456387	22	33819282	OpenSea	LARGE	219	-0.2031	0.0428	2.08e-06	0.0254	84.0	0.0019	---	TD,LIFE,ATHOB	EPIC
cg04126424	9	139552999	Island	EGFL7	219	0.3098	0.0655	2.25e-06	0.0270	40.9	0.1839	+++	TD,LIFE,ATHOB	EPIC
cg13679804	3	59734950	OpenSea		801	0.1575	0.0334	2.48e-06	0.0292	79.9	0.0001	+++++	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg12736692	12	131261223	OpenSea		219	-0.0843	0.0179	2.68e-06	0.0309	0	0.7783	---	TD,LIFE,ATHOB	EPIC
cg20938391	19	47157980	OpenSea	DACT3	219	-0.3273	0.0697	2.71e-06	0.0309	62.1	0.0709	---	TD,LIFE,ATHOB	EPIC
cg01845076	17	2834545	OpenSea	RAP1GAP2	219	-0.3485	0.0747	3.09e-06	0.0341	0	0.7384	---	TD,LIFE,ATHOB	EPIC
cg07976823	15	59277818	N_Shore		219	0.2563	0.0549	3.06e-06	0.0341	64.3	0.0603	+++	TD,LIFE,ATHOB	EPIC
cg00719768	7	1465349	OpenSea		219	-0.3543	0.0761	3.26e-06	0.0345	69.6	0.0369	---	TD,LIFE,ATHOB	EPIC
cg02994628	17	17783312	OpenSea	TOM1L2	219	-0.0619	0.0133	3.27e-06	0.0345	92.8	8.56e-07	→	TD,LIFE,ATHOB	EPIC
cg11237901	1	19272128	OpenSea	IFFO2	219	-0.5548	0.1192	3.25e-06	0.0345	91.8	4.73e-06	→	TD,LIFE,ATHOB	EPIC
cg11566411	15	74546146	OpenSea	CCDC33	219	0.1810	0.0389	3.41e-06	0.0348	63.5	0.0644	+++	TD,LIFE,ATHOB	EPIC

cg16777780	17	76862186	OpenSea	TIMP2	219	0.2169	0.0467	3.40e-06	0.0348	57.9	0.0925	+++	TD,LIFE,ATHOB	EPIC
cg12652118	8	22858539	S_Shore	RHOBTB2	219	-0.1597	0.0345	3.81e-06	0.0384	81.2	0.0048	---	TD,LIFE,ATHOB	EPIC
cg00418087	17	17022001	OpenSea	MPRIIP	219	-0.0378	0.0082	4.29e-06	0.0412	36.9	0.2048	++	TD,LIFE,ATHOB	EPIC
cg04426554	2	31164957	OpenSea	GALNT14	219	-0.1139	0.0247	4.32e-06	0.0412	0	0.4462	---	TD,LIFE,ATHOB	EPIC
cg27070405	5	131430689	OpenSea		219	0.2364	0.0513	4.18e-06	0.0412	46.7	0.1529	+++	TD,LIFE,ATHOB	EPIC
cg27302237	3	138594859	OpenSea		219	0.2501	0.0544	4.29e-06	0.0412	59.3	0.0852	++	TD,LIFE,ATHOB	EPIC
cg12571155	1	226849456	OpenSea	ITPK8-IT1,ITPKB	219	-0.1294	0.0282	4.48e-06	0.0416	0	0.7852	---	TD,LIFE,ATHOB	EPIC
cg23928104	1	53035437	OpenSea		219	-0.1954	0.0425	4.44e-06	0.0416	14.3	0.3112	---	TD,LIFE,ATHOB	EPIC
cg22264898	18	3297176	OpenSea		801	0.2063	0.0450	4.54e-06	0.0416	66.8	0.0100	+++++	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg02439540	3	53705820	OpenSea	CACNA1D	219	0.1934	0.0422	4.76e-06	0.0425	11.6	0.3223	+++	TD,LIFE,ATHOB	EPIC
cg05336486	18	20694580	OpenSea		219	0.1973	0.0431	4.71e-06	0.0425	69.6	0.0370	+++	TD,LIFE,ATHOB	EPIC
cg16696646	17	19861616	OpenSea	AKAP10	219	-0.1619	0.0354	4.90e-06	0.0426	0	0.4469	---	TD,LIFE,ATHOB	EPIC
cg19989895	3	189034635	OpenSea	TPRG1	219	-0.1386	0.0303	4.88e-06	0.0426	48.9	0.1410	---	TD,LIFE,ATHOB	EPIC
cg16350349	2	3751593	Island	DCDC2C	219	0.3052	0.0669	5.21e-06	0.0431	86.3	0.0006	+++	TD,LIFE,ATHOB	EPIC
cg21322819	15	74420657	Island	LOC283731;ISLR2	801	0.0467	0.0102	5.20e-06	0.0431	12.0	0.3379	+++++	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg23229584	9	133656857	OpenSea	ABL1	219	0.0470	0.0103	5.04e-06	0.0431	0	0.7793	++	TD,LIFE,ATHOB	EPIC
cg23541273	2	27631826	N_Shore	PPM1G	401	0.1692	0.0371	5.11e-06	0.0431	58.0	0.1226	++	INMA,RAINE	450K
cg08749419	4	6130359	OpenSea	JAKMIP1	219	-0.1351	0.0298	6.05e-06	0.0495	75.2	0.0175	---	TD,LIFE,ATHOB	EPIC

Table S7. Meta-analysis results of associations between dietary glycemic index and blood DNA methylation (participants with overweight/obesity, FDR <0.05)

*Cohort abbreviations: ATHOB: ATHEROBESITY, LIFE: LIFE Child, TD: TEENDIAB, RAINE: Raine Study Gen2, NFBC: NFBC1986

CpG	Chromosome	Position (hg19)	Relation to Island	Nearest Gene (Illumina annotation)	Total number	Beta coefficient	Standard error	nominal P-value	FDR-corrected P-value	I-squared	Heterogeneity test P-value	Direction of effect in each cohort (order as listed in Cohort included)	Cohort included*	Probe availability
cg05164421	6	94164464	OpenSea		173	0.3923	0.0454	5.74e-18	3.99e-12	96.6	1.60e-13	++	TD,LIFE,ATHOB	EPIC
cg00333193	5	180673604	Island		210	0.2646	0.0374	1.63e-12	5.70e-07	92.2	2.53e-06	++	INMA,NFBC,RAINE	450K
cg05399244	17	179611	OpenSea	RPH3AL	386	-0.1531	0.0226	1.29e-11	2.99e-06	82.8	2.10e-05	+++	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg07151406	10	99185290	N_Shore	PGAM1	210	0.4022	0.0609	4.01e-11	6.98e-06	95.4	2.89e-10	++	INMA,NFBC,RAINE	450K
cg17828057	8	42037527	OpenSea	PLAT	386	-0.3613	0.0572	2.75e-10	3.83e-05	80.8	8.73e-05	+++	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg05747251	18	6375665	OpenSea	MIR4317;L3MBTL4	176	0.2535	0.0412	7.82e-10	9.06e-05	70.7	0.0328	+++	TD,LIFE,ATHOB	EPIC
cg14558716	12	51178930	OpenSea	ATF1	210	0.2285	0.0388	4.13e-09	0.0004	75.0	0.0182	+++	INMA,NFBC,RAINE	450K
cg19706472	1	44462672	OpenSea	SLC6A9	385	-0.0671	0.0115	6.18e-09	0.0005	80.1	0.0001	++++	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg10506615	9	140960494	OpenSea	CACNA1B	176	0.3300	0.0576	1.04e-08	0.0008	84.7	0.0014	++	TD,LIFE,ATHOB	EPIC
cg17747781	8	143383498	OpenSea	TSNARE1	176	-0.3376	0.0595	1.46e-08	0.0010	94.3	2.17e-08	++	TD,LIFE,ATHOB	EPIC
cg19784286	1	231483405	OpenSea	SPRNT	173	-0.1624	0.0287	1.69e-08	0.0010	41.3	0.1817	++	TD,LIFE,ATHOB	EPIC
cg04831280	18	19915792	OpenSea		174	0.1705	0.0303	1.99e-08	0.0011	0	0.4080	+++	TD,LIFE,ATHOB	EPIC
cg00961418	11	8616172	S_Shore	STK33	385	0.1603	0.0287	2.43e-08	0.0013	74.4	0.0015	+++	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg01407748	9	124459125	N_Shore	DAB2IP	327	-0.1210	0.0220	3.97e-08	0.0019	84.7	2.76e-05	++++	INMA,TD,LIFE,ATHOB,RAINE	450K/EPIC
cg13422870	9	102671668	S_Shelf	STX17	385	-0.0970	0.0179	5.94e-08	0.0027	65.7	0.0121	+++	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg13679817	9	16337094	OpenSea		385	0.1128	0.0210	8.20e-08	0.0035	0	0.4376	++++	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg07040338	7	2402133	OpenSea	EIF3B	386	-0.0417	0.0078	9.08e-08	0.0037	50.2	0.0740	++++	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg18840037	13	23345238	OpenSea		385	-0.0543	0.0102	1.19e-07	0.0043	80.7	9.19e-05	++++	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg24762053	20	36148798	Island	NNAT;BLCAP	386	-0.1654	0.0311	1.13e-07	0.0043	72.9	0.0024	+++	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg25603927	10	99185264	N_Shore	PGAM1	386	0.3672	0.0699	1.49e-07	0.0052	88.0	6.54e-08	+++	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg17660251	3	142548853	OpenSea	PCOLCE2	176	0.1166	0.0222	1.66e-07	0.0054	43.5	0.1698	++	TD,LIFE,ATHOB	EPIC
cg16644477	1	8202028	OpenSea		176	-0.1015	0.0196	2.40e-07	0.0075	56.0	0.1025	++	TD,LIFE,ATHOB	EPIC
cg07341220	16	1583899	Island	IFT140;TMEM204	268	-0.3613	0.0700	2.54e-07	0.0077	34.7	0.1897	++++	INMA,TD,LIFE,ATHOB,NFBC	450K/EPIC
cg27393390	17	37351189	N_Shelf	CACNB1	176	0.0860	0.0167	2.84e-07	0.0082	37.9	0.1995	+++	TD,LIFE,ATHOB	EPIC
cg00913954	1	36852956	S_Shore	STK40	210	0.1631	0.0318	2.99e-07	0.0083	63.7	0.0634	++	INMA,NFBC,RAINE	450K
cg13465890	3	170372073	Island		386	-0.0437	0.0086	3.79e-07	0.0094	0	0.4871	++++	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg19655128	17	48227965	Island	PPP1R9B	386	0.1408	0.0277	3.68e-07	0.0094	70.0	0.0051	+++	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg23264059	13	114840743	N_Shore	RASA3	386	-0.0352	0.0069	3.52e-07	0.0094	84.8	3.66e-06	+++	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg01245155	2	205919517	OpenSea	PARD3B	385	0.1469	0.0293	5.77e-07	0.0111	70.9	0.0040	++++	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg02969380	8	6691018	N_Shore	XKR5	386	0.1157	0.0231	5.62e-07	0.0111	17.4	0.3008	++++	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg06307169	17	38296698	OpenSea	CASC3	384	0.0549	0.0109	5.50e-07	0.0111	90.6	2.72e-10	+++	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg08657492	7	27170832	S_Shore	HOXA4	386	-0.3903	0.0775	4.80e-07	0.0111	35.6	0.1696	+++	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg09854726	11	64007569	N_Shore	FKBP2	386	0.1301	0.0260	5.84e-07	0.0111	0	0.5159	++++	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg15892776	16	2564749	Island	TBC1D24	176	-0.1015	0.0203	5.91e-07	0.0111	0	0.9011	---	TD,LIFE,ATHOB	EPIC
cg20885621	1	219546629	OpenSea		176	0.1096	0.0217	4.77e-07	0.0111	47.5	0.1488	++	TD,LIFE,ATHOB	EPIC
cg21788902	8	48641185	OpenSea	SPIDR	176	0.0893	0.0177	5.20e-07	0.0111	81.7	0.0041	++	TD,LIFE,ATHOB	EPIC
cg24298476	6	32729808	Island	HLA-DQB2	206	-0.0337	0.0067	4.96e-07	0.0111	85.8	0.0008	++	INMA,NFBC,RAINE	450K
cg08036104	22	31257590	OpenSea	OSBP2	176	0.1141	0.0229	6.37e-07	0.0116	75.8	0.0159	++	TD,LIFE,ATHOB	EPIC
cg21463140	4	47913142	N_Shelf	NFXL1	208	-0.2461	0.0494	6.61e-07	0.0117	89.8	5.17e-05	++	INMA,NFBC,RAINE	450K
cg07196761	11	73586776	N_Shore	CHCHD8;PAAF1	386	0.0443	0.0089	8.02e-07	0.0136	89.4	4.49e-09	+++	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg11893951	5	141061521	OpenSea	ARAP3	386	-0.2000	0.0405	7.95e-07	0.0136	65.6	0.0125	++++	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg08271400	10	94347773	N_Shelf		386	-0.0387	0.0078	8.43e-07	0.0139	55.9	0.0448	+++	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg16563171	2	223156106	Island	PAX3	386	-0.0834	0.0170	9.74e-07	0.0154	76.0	0.0008	++++	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg17457637	7	27170717	S_Shore	HOXA4	386	-0.3149	0.0642	9.54e-07	0.0154	26.5	0.2351	+++	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg01458659	9	124338527	OpenSea	DAB2IP	176	0.1812	0.0373	1.23e-06	0.0176	69.3	0.0382	+++	TD,LIFE,ATHOB	EPIC
cg03360656	13	78774498	OpenSea	RNF219-A51	176	0.3001	0.0622	1.45e-06	0.0176	69.2	0.0386	+++	TD,LIFE,ATHOB	EPIC
cg04434994	6	36305071	OpenSea	C6orf222	336	-0.0756	0.0155	1.16e-06	0.0176	22.2	0.2729	++	INMA,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg07138414	17	80397447	Island	HEXDC	176	-0.0846	0.0174	1.27e-06	0.0176	71.5	0.0297	---	TD,LIFE,ATHOB	EPIC
cg09369190	11	57957820	OpenSea	OR9Q2	386	0.0810	0.0168	1.47e-06	0.0176	0	0.9462	++++	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg10257671	14	92629962	OpenSea	CP5F2	386	-0.1649	0.0342	1.45e-06	0.0176	9.34	0.3562	++++	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg12832565	1	145715672	S_Shore	CD160	386	0.1104	0.0228	1.29e-06	0.0176	70.9	0.0041	+++	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg14197205	17	28256862	Island	EFCAB5;SSH2	207	0.0482	0.0099	1.36e-06	0.0176	47.2	0.1501	+++	INMA,NFBC,RAINE	450K
cg15645685	19	19730175	S_Shore	PBX4	386	-0.1373	0.0283	1.23e-06	0.0176	0	0.9795	++++	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg19255886	8	134256852	OpenSea	NDRG1	176	0.2013	0.0418	1.49e-06	0.0176	89.9	4.73e-05	++	TD,LIFE,ATHOB	EPIC
cg25074751	2	173601133	S_Shore	RAPGEF4;LOC91149	386	0.0518	0.0107	1.36e-06	0.0176	48.2	0.0851	++++	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg25687360	6	170040141	OpenSea	WDR27	386	0.0492	0.0102	1.41e-06	0.0176	80.7	8.96e-05	++++	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg25934824	6	46866729	OpenSea	GPR116	386	0.0863	0.0179	1.49e-06	0.0176	67.4	0.0088	++++	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg26107055	5	125695687	OpenSea	GRAMD3	386	-0.0365	0.0075	1.31e-06	0.0176	0	0.6442	++	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg27367526	7	89841692	S_Shore	STEAP2	386	0.2191	0.0451	1.18e-06	0.0176	52.8	0.0599	++++	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg02054431	6	31589593	S_Shore	SNORA38;BAT2	210	0.1840	0.0384	1.74e-06	0.0202	44.9	0.1623	+++	INMA,NFBC,RAINE	450K
cg23889772	19	10077324	Island	COL5A3	386	-0.1412	0.0296	1.83e-06	0.0209	67.4	0.0089	+++	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg06950346	7	123978181	OpenSea		386	0.1776	0.0373	1.93e-06	0.0209	79.8	0.0002	++++	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg15777599	19	15278068	N_Shelf	NOTCH3	176	-0.0358	0.0075	1.87e-06	0.0209	0	0.6251	---	TD,LIFE,ATHOB	EPIC
cg23120601	15	40583227	Island	PLCB2	383	-0.0569	0.0119	1.96e-06	0.0209	63.5	0.0175	+++	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg24225492	10	73272256	OpenSea	LOC102723377;CDH23	176	0.0877	0.0184	1.94e-06	0.0209	0	0.5853	+++	TD,LIFE,ATHOB	EPIC
cg27421105	19	8477708	N_Shore	MARCH2	386	-0.1777	0.0373	1.98e-06	0.0209	12.4	0.3356	----	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg04987950	20	57717562	OpenSea		176	-0.0546	0.0115	2.25e-06	0.0229	52.9	0.1192	++	TD,LIFE,ATHOB	EPIC
cg08529295	1	245132782	N_Shore	EFCAB2	340	-0.1716	0.0362	2.27e-06	0.0229	88.2	6.82e-07	+++	TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg19157956	1	42934975	OpenSea	PPCS	176	-0.0533	0.0112	2.27e-06	0.0229	83.3	0.0024	++	TD,LIFE,ATHOB	EPIC

cg24378421	8	11141365	N_Shore	MTMR9	386	-0.1574	0.0334	2.43e-06	0.0242	40.9	0.1319	-----	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg05413285	2	151537993	OpenSea		386	0.1374	0.0291	2.49e-06	0.0244	60.8	0.0254	+++++	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg12625126	6	11806691	OpenSea		176	-0.2999	0.0638	2.61e-06	0.0248	89.0	0.0001	---	TD,LIFE,ATHOB	EPIC
cg25496104	12	16190004	OpenSea	DERA	385	-0.1016	0.0216	2.59e-06	0.0248	0	0.7447	-----	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg10402715	10	44189889	S_Shelf		386	0.0921	0.0197	2.89e-06	0.0271	70.1	0.0049	+++++	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg02461739	17	72860448	S_Shelf	FDXR	385	-0.0345	0.0074	3.14e-06	0.0292	0	0.5952	-----	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg23239239	13	36729790	S_Shore		383	-0.0671	0.0144	3.25e-06	0.0297	31.6	0.1983	-----	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg03432618	22	19704196	N_Shore	SEPT5	386	0.0719	0.0154	3.44e-06	0.0307	0	0.8096	+++++	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg27386718	15	93854748	OpenSea		176	0.1283	0.0276	3.45e-06	0.0307	23.1	0.2722	++-	TD,LIFE,ATHOB	EPIC
cg16655805	6	74020122	S_Shore	C6orf147	384	0.0682	0.0147	3.55e-06	0.0313	20.3	0.2803	+++++	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg10304160	10	95457300	OpenSea	FRA10AC1	174	0.0911	0.0196	3.68e-06	0.0320	64.1	0.0613	++-	TD,LIFE,ATHOB	EPIC
cg00850068	19	8428494	N_Shore	ANGPTL4	386	-0.0670	0.0145	4.12e-06	0.0328	74.8	0.0013	-----	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg04125341	3	139656251	S_Shore	CLSTN2	386	-0.2337	0.0507	4.15e-06	0.0328	23.8	0.2550	-----	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg06453421	10	30832152	OpenSea		176	0.1828	0.0396	4.05e-06	0.0328	80.2	0.0063	+++	TD,LIFE,ATHOB	EPIC
cg15735129	2	182850269	OpenSea	PPP1R1C	209	0.1637	0.0355	4.01e-06	0.0328	13.4	0.3150	+++	INMA,NFBC,RAINE	450K
cg20775162	11	8248503	OpenSea	LMO1	209	0.1932	0.0419	3.98e-06	0.0328	76.4	0.0143	+++	INMA,NFBC,RAINE	450K
cg21420674	1	2713926	N_Shelf		386	-0.1461	0.0316	3.99e-06	0.0328	87.1	2.60e-07	-----	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg25222252	11	9595204	Island	WEE1	385	0.0397	0.0086	4.12e-06	0.0328	14.8	0.3187	+++++	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg25852019	2	220309638	Island	SPEG	385	-0.0683	0.0148	4.00e-06	0.0328	42.9	0.1186	++-	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg15432367	17	38974887	OpenSea	KRT10;TMEM99	386	0.1350	0.0293	4.30e-06	0.0336	64.7	0.0144	-----	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg01790002	7	27283545	Island	EVX1	386	-0.0676	0.0147	4.37e-06	0.0338	0	0.5382	-----	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg08262002	4	16575323	OpenSea	LDB2	386	0.1736	0.0379	4.66e-06	0.0356	70.3	0.0047	+++++	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg10636896	1	199947580	OpenSea		384	0.0840	0.0183	4.91e-06	0.0364	66.9	0.0097	++-	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg10807894	12	125169804	OpenSea		386	0.2030	0.0444	4.89e-06	0.0364	15.1	0.3164	+++++	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg25446789	2	25810393	OpenSea	DTNB	386	0.1918	0.0419	4.81e-06	0.0364	82.1	3.49e-05	+++++	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg04057642	17	45730222	S_Shelf	KPNB1	386	-0.2253	0.0494	5.15e-06	0.0375	54.5	0.0511	-----	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg14228029	4	1495907	S_Shore		386	-0.1667	0.0366	5.17e-06	0.0375	84.4	5.37e-06	++-	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg15415571	2	113805619	N_Shelf	IL368	176	0.1064	0.0233	5.29e-06	0.0379	46.1	0.1562	++-	TD,LIFE,ATHOB	EPIC
cg03116409	12	66042554	OpenSea		386	-0.0379	0.0083	5.42e-06	0.0384	0	0.6892	-----	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg20319484	7	132333585	OpenSea	PLXNA4	385	-0.0730	0.0160	5.46e-06	0.0384	40.0	0.1384	-----	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg01911077	11	64531743	N_Shore		210	0.1595	0.0352	5.89e-06	0.0394	78.7	0.0089	++-	INMA,NFBC,RAINE	450K
cg02479816	19	9273931	S_Shelf	ZNF317	386	0.0738	0.0162	5.85e-06	0.0394	76.3	0.0007	+++++	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg03954353	17	43715162	OpenSea	C17orf69;MGC57346	386	0.1111	0.0245	5.88e-06	0.0394	54.8	0.0501	+++++	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg15449979	20	10157028	S_Shelf		386	0.1166	0.0257	5.95e-06	0.0394	22.2	0.2663	+++++	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg21248089	6	138056102	OpenSea	LOC100507406	176	0.2139	0.0472	5.82e-06	0.0394	56.7	0.0989	++-	TD,LIFE,ATHOB	EPIC
cg23811160	13	27164059	OpenSea	WASF3	176	0.2226	0.0490	5.72e-06	0.0394	91.7	5.38e-06	++-	TD,LIFE,ATHOB	EPIC
cg03639429	7	55070311	N_Shore		386	0.1389	0.0308	6.45e-06	0.0401	0	0.8438	+++++	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg06289282	13	110523577	S_Shore		176	0.0606	0.0134	6.12e-06	0.0401	30.7	0.2361	++-	TD,LIFE,ATHOB	EPIC
cg08128087	1	33593457	S_Shore		385	0.1123	0.0248	6.29e-06	0.0401	36.3	0.1642	-----	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg12055844	16	69149669	OpenSea	HAS3	176	0.0524	0.0115	6.18e-06	0.0401	0	0.7754	+++	TD,LIFE,ATHOB	EPIC
cg16096180	8	119485582	OpenSea	SAMD12	176	0.2483	0.0550	6.42e-06	0.0401	0	0.9313	+++	TD,LIFE,ATHOB	EPIC
cg18079823	11	36614820	OpenSea	RAG2;C11orf74	176	0.2121	0.0470	6.52e-06	0.0401	82.0	0.0037	++-	TD,LIFE,ATHOB	EPIC
cg21339736	19	51974694	OpenSea		176	0.0870	0.0193	6.51e-06	0.0401	62.4	0.0698	++-	TD,LIFE,ATHOB	EPIC
cg26502715	2	187529796	OpenSea	ITGAV	176	0.1221	0.0270	6.38e-06	0.0401	88.2	0.0001	++-	TD,LIFE,ATHOB	EPIC
cg08954776	5	19928399	OpenSea	CDH18	385	0.0893	0.0198	6.79e-06	0.0414	58.1	0.0353	+++++	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg10138206	12	105346780	OpenSea		176	-0.1415	0.0314	6.96e-06	0.0417	38.8	0.1947	++-	TD,LIFE,ATHOB	EPIC
cg22097891	4	4405946	OpenSea	D4S234E	386	0.1019	0.0226	6.95e-06	0.0417	0	0.8235	+++++	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg04891843	19	45866465	N_Shore	ERCC2	176	0.0491	0.0109	7.11e-06	0.0419	43.5	0.1701	+++	TD,LIFE,ATHOB	EPIC
cg08160970	19	54180782	OpenSea	MIR515-2;MIR515-1	386	0.0755	0.0168	7.06e-06	0.0419	72.6	0.0026	+++++	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg03077077	4	122685352	N_Shore	TMEM155;LOC100192379	340	-0.2364	0.0527	7.42e-06	0.0427	18.8	0.2945	++-	TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg05859578	18	77272585	Island	NFATC1	386	-0.0619	0.0138	7.44e-06	0.0427	77.7	0.0004	-----	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg14431001	10	101088533	N_Shore	CNNM1	386	-0.1130	0.0252	7.38e-06	0.0427	57.0	0.0399	++-	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg08380316	7	158383324	S_Shelf	MIR5707	176	-0.3844	0.0859	7.65e-06	0.0436	74.7	0.0189	++-	TD,LIFE,ATHOB	EPIC
cg02483204	12	116893985	OpenSea		386	-0.2247	0.0502	7.78e-06	0.0436	6.71	0.3735	-----	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg26132518	17	19482069	N_Shore	SLC47A1	176	-0.1640	0.0366	7.77e-06	0.0436	0	0.4433	++-	TD,LIFE,ATHOB	EPIC
cg06357940	3	58416685	N_Shelf	PDHB	386	0.0555	0.0124	8.06e-06	0.0448	85.7	1.42e-06	+++++	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg07777964	9	37666803	OpenSea	FRMPD1	176	0.0714	0.0160	8.23e-06	0.0454	77.8	0.0109	++-	TD,LIFE,ATHOB	EPIC
cg08158042	2	172813595	OpenSea	HAT1	176	0.1079	0.0242	8.35e-06	0.0457	86.2	0.0006	++-	TD,LIFE,ATHOB	EPIC
cg22110973	15	91499626	N_Shore	RCCD1;RCCD1	386	-0.2005	0.0451	8.80e-06	0.0478	67.4	0.0088	-----	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg01140247	10	77784369	OpenSea	C10orf11	386	0.1460	0.0328	8.96e-06	0.0480	39.7	0.1404	+++++	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg01566217	1	208084255	Island	CD34	386	0.0367	0.0082	8.98e-06	0.0480	32.9	0.1886	+++++	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg13117164	4	54960232	S_Shore		384	-0.0542	0.0112	9.24e-06	0.0490	29.8	0.2109	-----	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg06510234	10	5554040	N_Shore		386	-0.0521	0.0127	9.51e-06	0.0498	57.2	0.0390	++-	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg16645453	14	65492838	OpenSea	FNTB;CHURC1-FNTB;MAX	176	0.0297	0.0067	9.52e-06	0.0498	16.5	0.3015	+++	TD,LIFE,ATHOB	EPIC
cg05235903	1	35686341	OpenSea		176	-0.0393	0.0089	9.64e-06	0.0499	0	0.7212	---	TD,LIFE,ATHOB	EPIC
cg24652379	7	141477912	OpenSea	TAS2R4	386	-0.0416	0.0094	9.68e-06	0.0499	65.6	0.0125	++-	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC
cg20885078	2	179278530	Island	MIR548N	386	0.0235	0.0053	9.76e-06	0.0499	38.0	0.1522	+++++	INMA,TD,LIFE,ATHOB,NFBC,RAINE	450K/EPIC

Table S8. Meta-analysis results of associations between dietary glycemic load and blood DNA methylation (participants with normal-weight, FDR <0.05)

*Cohort abbreviations: ATHOB: ATHEROBESITY, LIFE: LIFE Child, TD: TEENDIAB, RAINE: Raine Study Gen2, NFBC: NFBC1986

CpG	Chromosome	Position (hg19)	Relation to Island	Nearest Gene (Illumina annotation)	Total number	Beta coefficient	Standard error	nominal P-value	FDR-corrected P-value	I-squared	Heterogeneity test P-value	Direction of effect in each cohort (order as listed in Cohort included)	Cohort included*	Probe availability
cg01791229	3	23156165	OpenSea		170	-0.0597	0.0089	2.66e-11	1.82e-05	96.3	1.93e-07	--	TD,LIFE	EPIC
cg20095985	8	10984074	OpenSea	XKR6	170	-0.0037	0.0006	2.15e-09	0.0007	0	0.7312	--	TD,LIFE	EPIC
cg05041307	17	70025639	OpenSea	LINC01152	170	-0.0221	0.0039	2.01e-08	0.0046	80.0	0.0251	--	TD,LIFE	EPIC
cg09243533	1	19281949	Island	IFFO2	481	0.0042	0.0007	9.04e-08	0.0155	28.2	0.2427	+++	INMA,TD,LIFE,NFBC	450K/EPIC
cg05855306	3	119107484	OpenSea	ARHGAP31	170	0.0101	0.0019	1.29e-07	0.0168	61.3	0.1078	+	TD,LIFE	EPIC
cg22138408	16	85539811	OpenSea		170	-0.0373	0.0071	1.47e-07	0.0168	94.8	1.08e-05	--	TD,LIFE	EPIC
cg12732334	1	21501370	N_Shore	EIF4G3	170	-0.0731	0.0143	3.28e-07	0.0225	84.4	0.0112	+-	TD,LIFE	EPIC
cg13011069	1	247001585	OpenSea		170	0.0078	0.0015	3.19e-07	0.0225	0	0.4725	++	TD,LIFE	EPIC
cg20965602	19	29993879	OpenSea	LOC284395	170	-0.0201	0.0039	2.92e-07	0.0225	0	0.8010	--	TD,LIFE	EPIC
cg25800356	12	132606003	S_Shelf	EP400NL	477	0.0043	0.0008	2.51e-07	0.0225	0	0.6484	+++	INMA,TD,LIFE,NFBC	450K/EPIC
cg11120516	15	85166096	OpenSea	ZSCAN2	170	0.0027	0.0005	4.62e-07	0.0275	50.4	0.1554	+-	TD,LIFE	EPIC
cg25882643	15	48441588	OpenSea	MYEF2	170	0.0546	0.0108	4.81e-07	0.0275	96.2	2.14e-07	++	TD,LIFE	EPIC
cg21666867	12	2114282	S_Shore	DCP1B	170	-0.0069	0.0013	5.49e-07	0.0290	0	0.6245	--	TD,LIFE	EPIC
cg15282031	8	8483040	OpenSea		170	-0.0746	0.0150	6.56e-07	0.0300	0	0.6193	--	TD,LIFE	EPIC
cg23674806	2	145444731	OpenSea	TEX41	170	0.0542	0.0109	6.48e-07	0.0300	91.7	0.0005	++	TD,LIFE	EPIC
cg17289863	6	44213050	N_Shore	HSP90AB1	170	-0.0059	0.0012	9.16e-07	0.0392	0	0.3224	+-	TD,LIFE	EPIC
cg08264638	2	55747775	S_Shore	CCDC104	480	-0.0068	0.0014	1.15e-06	0.0466	0	0.4845	----	INMA,TD,LIFE,NFBC	450K/EPIC

Table S9. Meta-analysis results of associations between dietary glycemic load and blood DNA methylation (participants with overweight/obesity, FDR <0.05)

*Cohort abbreviations: ATOH: ATEROBESTY, LIFE: LIFE Child, TD: TEENDIAB, RAINE: Raine Study Gen2, NFBC: NFBC1986

CpG	Chromosome	Position (hg19)	Relation to Island	Nearest Gene (RefSeq annotation)	Total number	Beta coefficient	Standard error	nominal P-value	FDR-corrected P-value	I-squared	Heterogeneity test P-value	Direction of effect in each cohort (order as listed in Cohort included)	Cohort included*	Probe availability
cg0488968	10	130508795	S Shore		93	0.0394	0.0051	1.01e-14	6.96e-09	0	0.4115	++	INMA,NFBC	450K
cg0728927	2	231819514	S Shelf	SPATA3	93	0.0091	0.0012	2.79e-14	9.57e-09	86.4	0.0066	+	INMA,NFBC	450K
cg18441811	11	71824068	S Shore	CL1orf51	209	-0.0079	0.0011	4.91e-13	1.12e-07	71.7	0.0138	---	INMA,TG,NFBC,LIFE	450K/EPIC
cg05474605	5	40312344	OpenSea	SEPR1	209	0.0257	0.0026	2.71e-12	4.65e-07	64.7	0.0363	+++	INMA,TG,NFBC,LIFE	450K/EPIC
cg17919116	11	102836382	OpenSea	MMP13	209	0.0163	0.0024	1.05e-11	1.45e-06	74.9	0.0074	++++	INMA,TG,NFBC,LIFE	450K/EPIC
cg05088621	12	104687620	Island	EIO3,TNFRD1	209	0.0525	0.0079	4.62e-11	4.53e-06	83.8	0.0003	+++	INMA,TG,NFBC,LIFE	450K/EPIC
cg0723892	1	233004956	OpenSea		209	-0.0248	0.0020	4.25e-11	4.53e-06	89.8	1.83e-06	+++	INMA,TG,NFBC,LIFE	450K/EPIC
cg09050081	11	83325531	OpenSea		209	0.0118	0.0018	3.88e-10	3.11e-05	65.8	0.0321	+++	INMA,TG,NFBC,LIFE	450K/EPIC
cg20567785	12	129456496	OpenSea	GLT1D1	209	0.0551	0.0088	4.08e-10	3.11e-05	58.1	0.0665	+++	INMA,TG,NFBC,LIFE	450K/EPIC
cg13060970	2	68592349	OpenSea	PLEK	209	0.0300	0.0048	5.71e-10	3.62e-05	80.1	0.0017	++++	INMA,TG,NFBC,LIFE	450K/EPIC
cg14341111	9	138650549	N Shore	KCNT1	209	0.0365	0.0058	5.81e-10	3.62e-05	78.8	0.0026	++	INMA,TG,NFBC,LIFE	450K/EPIC
cg19688605	15	91561309	OpenSea	VPS33B	116	0.0261	0.0042	7.24e-10	4.14e-05	92.9	0.0001	+	TO LIFE	EPIC
cg07723218	17	38176064	OpenSea	MEI2D4	208	-0.0193	0.0031	1.10e-09	5.81e-05	0	0.4642	---	INMA,TG,NFBC,LIFE	450K/EPIC
cg7260684	16	85061742	S Shore	KIAA0513	209	0.0195	0.0033	3.48e-09	0.0001	55.6	0.0798	+++	INMA,TG,NFBC,LIFE	450K/EPIC
cg04915668	17	22184161	S Shelf		209	-0.0423	0.0070	3.99e-09	0.0001	0	0.6222	---	INMA,TG,NFBC,LIFE	450K/EPIC
cg16711864	1	36935656	OpenSea	CSF3R	209	0.0051	0.0008	4.78e-09	0.0002	87.3	3.16e-05	---	INMA,TG,NFBC,LIFE	450K/EPIC
cg18949521	6	29324300	OpenSea	OR0V1	204	0.0090	0.0015	4.99e-09	0.0002	71.4	0.0145	+++	INMA,TG,NFBC,LIFE	450K/EPIC
cg21002217	17	70216183	OpenSea		209	0.0140	0.0024	7.62e-09	0.0002	89.1	4.07e-06	+++	INMA,TG,NFBC,LIFE	450K/EPIC
cg00718883	8	26493115	OpenSea	DRYS2	209	-0.0056	0.0009	1.01e-08	0.0003	71.6	0.0143	---	INMA,TG,NFBC,LIFE	450K/EPIC
cg03562501	18	76556322	N Shore		116	-0.0126	0.0022	1.05e-08	0.0003	75.3	0.0437	+	TO LIFE	EPIC
cg11751808	6	25079723	OpenSea		206	0.0132	0.0023	9.80e-09	0.0001	57.2	0.0274	+++	INMA,TG,NFBC,LIFE	450K/EPIC
cg14607127	14	86306803	OpenSea		116	0.0113	0.0019	4.35e-09	0	0.5437	---	TO LIFE	EPIC	
cg16622906	5	140529775	N Shore	PCDH8	207	-0.0409	0.0071	8.56e-09	0.0003	8.30	0.3515	---	INMA,TG,NFBC,LIFE	450K/EPIC
cg19411557	3	59393503	OpenSea		209	0.0179	0.0031	1.06e-08	0.0003	5.00	0.3678	+++	INMA,TG,NFBC,LIFE	450K/EPIC
cg05949063	14	93883268	N Shore	CCNB3	209	-0.0124	0.0021	2.24e-08	0.0005	77.9	0.0378	---	INMA,TG,NFBC,LIFE	450K/EPIC
cg23532339	2	63813413	Island	VAMP5	115	0.0495	0.0088	2.26e-08	0.0005	0	0.3678	++	TO LIFE	EPIC
cg16491865	11	16181614	OpenSea	SOX6	159	0.0277	0.0049	2.61e-08	0.0006	57.4	0.0955	++	INMA,NFBC,LIFE	450K/EPIC
cg05761971	2	38177677	OpenSea	FAM82A3	208	0.0084	0.0015	2.84e-08	0.0006	0	0.9843	+++	INMA,TG,NFBC,LIFE	450K/EPIC
cg18610053	6	12936649	Island	BRD2	91	0.0077	0.0013	2.98e-08	0	0.9536	---	INMA,NFBC	450K	
cg03080607	10	82368399	OpenSea	SH2D4B	209	0.1720	0.0013	3.85e-08	0.0008	72.7	0.0116	++++	INMA,TG,NFBC,LIFE	450K/EPIC
cg18265311	11	9263958	OpenSea	DENND5A	116	0.0085	0.0015	4.94e-08	0.0010	55.3	0.1344	++	TO LIFE	EPIC
cg09317403	14	92949496	OpenSea	RH3	209	0.0055	0.0010	6.00e-08	0.0012	41.6	0.1620	---	INMA,TG,NFBC,LIFE	450K/EPIC
cg20765459	11	5265155	OpenSea	HBBP1	209	0.0133	0.0024	6.20e-08	0.0012	67.9	0.0250	+++	INMA,TG,NFBC,LIFE	450K/EPIC
cg23632178	1	9865398	OpenSea	CLSTN1	116	0.0240	0.0044	6.23e-08	0.0012	16.9	0.2723	++	TO LIFE	EPIC
cg21165673	17	66339947	OpenSea	ARSG	116	0.0320	0.0059	7.28e-08	0.0014	97.2	2.15e-09	++	TO LIFE	EPIC
cg09651580	16	25511627	S Shore		209	0.0252	0.0047	7.92e-08	0.0009	73.5	0.0069	+++	INMA,TG,NFBC,LIFE	450K/EPIC
cg17270519	12	132923339	S Shore		209	-0.0338	0.0063	7.80e-08	0.0014	71.2	0.0152	---	INMA,TG,NFBC,LIFE	450K/EPIC
cg02616601	11	76150487	Island	CL1orf30	209	0.0077	0.0014	7.72e-08	0.0014	80.3	0.0015	+++	INMA,TG,NFBC,LIFE	450K/EPIC
cg18720125	11	121884441	OpenSea	NTM	116	-0.0602	0.0112	8.31e-08	0.0014	0	0.7309	---	TO LIFE	EPIC
cg23586641	1	108829157	OpenSea	MIR181B1	207	-0.0108	0.0019	9.67e-08	0.0014	71.6	0.0141	++	INMA,TG,NFBC,LIFE	450K/EPIC
cg14723638	1	80230196	OpenSea	TGFB3	116	0.0086	0.0016	9.62e-08	0.0016	0	0.6285	++	TO LIFE	EPIC
cg2472969	15	73861914	OpenSea	NPTN-IT1,NPTN	116	-0.0156	0.0029	1.04e-07	0.0017	91.6	0.0005	---	TO LIFE	EPIC
cg08042312	15	88156234	Island		209	-0.0678	0.0127	1.07e-07	0.0017	81.8	0.0008	---	INMA,TG,NFBC,LIFE	450K/EPIC
cg01708711	7	75959031	Island	YWHAG	207	-0.0110	0.0020	1.12e-07	0.0017	0	0.5308	---	INMA,TG,NFBC,LIFE	450K/EPIC
cg00415993	5	75919188	OpenSea	F2RL2,IGFAP2	209	0.0257	0.0048	1.27e-07	0.0017	61.5	0.0503	+++	INMA,TG,NFBC,LIFE	450K/EPIC
cg13848802	4	144442453	Island	SMARCA5	162	0.0107	0.0020	1.23e-07	0.0017	80.5	0.2371	++	INMA,TG,NFBC,LIFE	450K/EPIC
cg14403990	7	405517866	OpenSea		209	-0.0560	0.0009	1.20e-07	0.0017	66.1	0.0004	---	INMA,TG,NFBC,LIFE	450K/EPIC
cg20926120	3	58852325	OpenSea	C3orf67	207	0.0065	0.0012	1.19e-07	0.0017	0	0.4608	+++	INMA,TG,NFBC,LIFE	450K/EPIC
cg26272214	1	17722588	OpenSea	FAM5B	207	-0.0414	0.0078	1.26e-07	0.0017	76.4	0.0052	---	INMA,TG,NFBC,LIFE	450K/EPIC
cg05213466	5	14802529	OpenSea	SLC6A3	209	-0.0102	0.0040	1.33e-07	0.0017	61.3	0.0509	---	INMA,TG,NFBC,LIFE	450K/EPIC
cg18592561	20	444081	Island	SCR2	209	-0.0274	0.0052	1.70e-07	0.0022	26.1	0.2549	---	INMA,TG,NFBC,LIFE	450K/EPIC
cg0125281	18	41176109	OpenSea		116	-0.0156	0.0029	1.75e-07	0.0023	0	0.6160	---	TO LIFE	EPIC
cg24065451	11	128415512	Island	ETS1	209	-0.0175	0.0033	1.81e-07	0.0023	0	0.8360	---	INMA,TG,NFBC,LIFE	450K/EPIC
cg1661009	19	57441019	OpenSea		115	-0.0838	0.0161	1.95e-07	0.0024	46.3	0.1722	---	TO LIFE	EPIC
cg19388739	19	3581993	N Shelf		209	0.0287	0.0055	2.46e-07	0.0030	49.0	0.1174	++++	INMA,TG,NFBC,LIFE	450K/EPIC
cg12787530	6	136333779	OpenSea	PDE7B	209	0.0126	0.0024	2.67e-07	0.0032	67.7	0.0256	+++	INMA,TG,NFBC,LIFE	450K/EPIC
cg10899214	2	234236201	OpenSea	SAG	92	0.0078	0.0015	2.74e-07	0.0033	86.0	0.0075	+	INMA,NFBC	450K
cg08070020	20	40087610	OpenSea	COR10A	209	-0.0553	0.0107	2.85e-07	0.0033	0	0.5037	---	INMA,TG,NFBC,LIFE	450K/EPIC
cg04872848	14	76045543	S Shore	FLVCR2	209	0.0486	0.0094	2.99e-07	0.0034	0	0.5418	+++	INMA,TG,NFBC,LIFE	450K/EPIC
cg15497217	1	239485905	OpenSea		208	0.0069	0.0013	3.51e-07	0.0039	44.9	0.1417	---	INMA,TG,NFBC,LIFE	450K/EPIC
cg10611160	2	13208958	OpenSea	ZC3H6	116	0.0174	0.0034	3.51e-07	0.0039	0	0.6722	---	TO LIFE	EPIC
cg06870764	1	110333590	OpenSea		116	0.0080	0.0015	3.87e-07	0.0041	72.7	0.0553	++	TO LIFE	EPIC
cg11722711	3	57166753	OpenSea	IL17RD	116	0.0176	0.0034	3.75e-07	0.0041	23.9	0.2514	++	TO LIFE	EPIC
cg22554480	8	99194030	OpenSea		116	0.0153	0.0030	3.97e-07	0.0041	0	0.7352	---	TO LIFE	EPIC
cg24802431	13	112181941	OpenSea	MIR101	209	-0.0372	0.0073	3.83e-07	0.0041	28.8	0.2390	---	INMA,TG,NFBC,LIFE	450K/EPIC
cg26708920	10	13828317	OpenSea	FRMD4A	116	-0.4045	0.0797	3.93e-07	0.0041	85.2	0.0091	---	TO LIFE	EPIC
cg11792726	17	27028982	OpenSea	SUPT6H	209	-0.0088	0.0017	4.22e-07	0.0043	82.6	0.0006	---	INMA,TG,NFBC,LIFE	450K/EPIC
cg0907664	16	34375039	OpenSea		209	-0.0431	0.0087	4.33e-07	0.0043	66.1	0.0312	++	INMA,TG,NFBC,LIFE	450K/EPIC
cg08415582	8	57030523	Island		209	0.0437	0.0086	4.49e-07	0.0044	15.0	0.3166	+++	INMA,TG,NFBC,LIFE	450K/EPIC
cg10343545	1	150278094	OpenSea	MIR521	116	0.0161	0.0031	4.54e-07	0.0044	86.8	0.0057	++	TO LIFE	EPIC
cg26474270	16	78092823	S Shore	ZFRK3	207	-0.0091	0.0018	4.56e-07	0.0044	0	0.6432	---	INMA,TG,NFBC,LIFE	450K/EPIC
cg24072277	17	65745266	OpenSea	KPNB1	116	0.0101	0.0020	5.39e-07	0.0051	0	0.4704	++	TO LIFE	EPIC
cg09277575	7	137760222	OpenSea	AKR1D1	209	0.0211	0.0042	5.60e-07	0.0052	49.3	0.1152	+++	INMA,TG,NFBC,LIFE	450K/EPIC
cg08704196	16	34787392	Island		93	-0.0631	0.0126	5.96e-07	0.0055	0	0.3664	---	INMA,NFBC	450K
cg1707668	12	7920169	S Shelf		208	0.0202	0.0040	6.04e-07	0.0058	32.3	0.1887	+++	INMA,TG,NFBC,LIFE	450K/EPIC
cg13257654	8	42466331	N Shelf		209	0.0298	0.0060	6.47e-07	0.0058	54.6	0.0853	+++	INMA,TG,NFBC,LIFE	450K/EPIC
cg05768032	16	30646687	S Shore		209	-0.0425	0.0085	6.66e-07	0.0059	56.4	0.0754	++	INMA,TG,NFBC,LIFE	450K/EPIC
cg07283813	2	69945522	OpenSea	PRDM2	207	-0.0074	0.0014	7.34e-07	0.0063	43.0	0.1534	---	INMA,TG,NFBC,LIFE	450K/EPIC
cg13210655	7	155266205												

cg06652210	17	1844594	N Shore	OVC42-DPH1	209	0.0270	0.0055	1.04e-06	0.0075	70.9	0.0159	+++	INMA.TD.NFBC.LIFE	450K/EPIC
cg17171933	12	107843355	OpenSea	BT0011	116	0.0145	0.0029	1.11e-06	0.0079	0	0.9160	++	TD.LIFE	EPIC
cg12727681	4	14434945	Island	PLAG1-LHYMM	209	0.0164	0.0033	1.14e-06	0.0079	0	0.9100	++++	INMA.TD.NFBC.LIFE	450K/EPIC
cg15281496	2	114036564	S Shore	PAX8	116	-0.0116	0.0024	1.15e-06	0.0079	0	0.4228	-	TD.LIFE	EPIC
cg12900799	8	145004388	S Shore	PLC1	209	-0.0575	0.0118	1.13e-06	0.0079	75.4	0.0066	++	INMA.TD.NFBC.LIFE	450K/EPIC
cg2641041	2	426215112	OpenSea	GIR	116	-0.0488	0.0099	1.15e-06	0.0079	0	0.3788	---	TD.LIFE	EPIC
cg14716911	4	120077918	OpenSea	MYO22	209	-0.0504	0.0103	1.24e-06	0.0084	57.8	0.0084	+++	INMA.TD.NFBC.LIFE	450K/EPIC
cg01326048	16	84560751	OpenSea		93	-0.0481	0.0099	1.26e-06	0.0085	0	0.4497	+	INMA.NFBC	450K
cg06208445	9	113743933	OpenSea	COL5A1	116	-0.0203	0.0041	1.29e-06	0.0086	84.8	0.0100	+	TD.LIFE	EPIC
cg19916413	8	9255160	OpenSea	NECAB3	116	0.0361	0.0072	1.33e-06	0.0087	0	0.9927	++	TD.LIFE	EPIC
cg02576975	19	5334189	N Shore	PTPR5	116	-0.0352	0.0073	1.39e-06	0.0090	94.1	3.47e-05	+	TD.LIFE	EPIC
cg14021610	8	1758910	OpenSea		115	-0.0105	0.0021	1.39e-06	0.0090	76.2	0.0403	+	TD.LIFE	EPIC
cg0544602	3	38313398	S Shore	CPDX	209	0.0311	0.0084	1.42e-06	0.0090	25.2	0.2008	+++	INMA.TD.NFBC.LIFE	450K/EPIC
cg10515296	10	125607383	OpenSea	CPM2	116	0.0095	0.0018	1.42e-06	0.0090	0	0.8151	++	TD.LIFE	EPIC
cg22068687	2	238446065	OpenSea	MUPH	209	0.0167	0.0034	1.48e-06	0.0093	0	0.6687	++++	INMA.TD.NFBC.LIFE	450K/EPIC
cg00176020	22	24856594	OpenSea	ADORA2A-AS1	116	0.0325	0.0067	1.56e-06	0.0097	0	0.3519	++	TD.LIFE	EPIC
cg15713801	6	27636517	OpenSea		208	-0.0504	0.0021	1.58e-06	0.0097	41.0	0.1655	++	INMA.TD.NFBC.LIFE	450K/EPIC
cg23021153	9	74357820	OpenSea	TMEM2	116	0.0157	0.0032	1.59e-06	0.0097	80.7	0.0228	+	TD.LIFE	EPIC
cg02351514	10	124578028	N Shore		209	0.0355	0.0074	1.96e-06	0.0116	34.0	0.2077	+++	INMA.TD.NFBC.LIFE	450K/EPIC
cg16086277	12	130927256	OpenSea	IRMBP2	209	0.0252	0.0053	1.96e-06	0.0116	18.6	0.2971	++++	INMA.TD.NFBC.LIFE	450K/EPIC
cg25131261	15	89158396	OpenSea		208	0.0092	0.0019	1.95e-06	0.0116	49.2	0.1162	++++	INMA.TD.NFBC.LIFE	450K/EPIC
cg26112901	6	117494988	OpenSea	IL22RA2	116	-0.0046	0.0009	1.97e-06	0.0116	52.3	0.1472	-	TD.LIFE	EPIC
cg10160402	2	88316472	Island		93	0.0239	0.0050	2.00e-06	0.0117	0	0.7550	++	INMA.NFBC	450K
cg02189017	7	158913456	N Shelf		93	-0.0147	0.0031	2.14e-06	0.0123	0	0.9812	+	INMA.NFBC	450K
cg24617171	11	121567396	OpenSea	VIPR2	209	-0.0452	0.0095	2.14e-06	0.0123	79.4	0.0021	---	INMA.TD.NFBC.LIFE	450K/EPIC
cg03764753	2	152163155	OpenSea		116	0.0336	0.0071	2.24e-06	0.0125	56.1	0.1311	++	TD.LIFE	EPIC
cg12487466	7	450021963	N Shore		116	0.0308	0.0065	2.19e-06	0.0125	88.4	0.0032	+	TD.LIFE	EPIC
cg19958570	19	94308002	Island		209	0.0237	0.0050	2.22e-06	0.0125	52.0	0.0995	++	INMA.TD.NFBC.LIFE	450K/EPIC
cg23513183	19	2858944	Island		209	-0.0244	0.0051	2.21e-06	0.0125	9.03	0.3479	---	INMA.TD.NFBC.LIFE	450K/EPIC
cg06715661	19	18088495	N Shelf	KCHN1	208	-0.0155	0.0033	2.41e-06	0.0133	26.3	0.2533	---	INMA.TD.NFBC.LIFE	450K/EPIC
cg10045050	12	150476580	S Shore	ALDH1L2	209	0.0088	0.0019	2.42e-06	0.0133	68.3	0.0216	+++	INMA.TD.NFBC.LIFE	450K/EPIC
cg1436048	9	139512327	OpenSea		209	-0.0093	0.0019	2.46e-06	0.0133	57.1	0.0716	---	INMA.TD.NFBC.LIFE	450K/EPIC
cg24309215	12	121021560	N Shore		209	0.0498	0.0105	2.47e-06	0.0133	0	0.7951	+++	INMA.TD.NFBC.LIFE	450K/EPIC
cg07789663	3	141644679	OpenSea	ATP1B3	116	0.0070	0.0014	2.51e-06	0.0134	78.4	0.0313	+	TD.LIFE	EPIC
cg13907014	2	71481723	Island	LOC102800447	116	-0.0178	0.0017	2.52e-06	0.0134	82.1	0.0003	---	TD.LIFE	EPIC
cg07793697	17	80241456	OpenSea		209	0.0218	0.0046	2.61e-06	0.0136	79.6	0.0020	++	INMA.TD.NFBC.LIFE	450K/EPIC
cg13412040	14	59814285	OpenSea	DMAM1	116	-0.0458	0.0097	2.63e-06	0.0136	0	0.8745	-	TD.LIFE	EPIC
cg24145057	17	40912508	Island	WHM4	207	-0.0102	0.0021	2.69e-06	0.0136	87.6	2.24e-05	+++	INMA.TD.NFBC.LIFE	450K/EPIC
cg24312002	1	122289382	OpenSea	HSPG2	209	0.0164	0.0034	2.63e-06	0.0136	44.2	0.1468	++	INMA.TD.NFBC.LIFE	450K/EPIC
cg24773560	12	56732723	OpenSea	IL23A	209	0.0294	0.0062	2.69e-06	0.0138	25.2	0.2598	+++	INMA.TD.NFBC.LIFE	450K/EPIC
cg03707266	5	25151097	Island		205	-0.0084	0.0018	2.88e-06	0.0146	0	0.7687	---	INMA.TD.NFBC.LIFE	450K/EPIC
cg14512044	13	98991895	OpenSea	FARP1	209	-0.0067	0.0014	2.95e-06	0.0147	70.6	0.0167	---	INMA.TD.NFBC.LIFE	450K/EPIC
cg06259244	15	94132886	OpenSea		116	0.0245	0.0052	2.99e-06	0.0150	47.9	0.1657	++	TD.LIFE	EPIC
cg17811583	15	51694383	OpenSea	GLDN	209	0.0309	0.0066	3.02e-06	0.0150	67.7	0.0254	+++	INMA.TD.NFBC.LIFE	450K/EPIC
cg13695040	19	2095643	Island	C19orf36-MOBL2A	209	-0.0187	0.0040	3.22e-06	0.0158	56.4	0.0754	+++	INMA.TD.NFBC.LIFE	450K/EPIC
cg24129441	18	14020281	OpenSea	KCTD1	209	0.0052	0.0019	3.24e-06	0.0158	50.9	0.1058	++	INMA.TD.NFBC.LIFE	450K/EPIC
cg01766844	3	195592946	N Shore	TNK2	209	-0.0080	0.0017	3.26e-06	0.0158	75.8	0.0060	++	INMA.TD.NFBC.LIFE	450K/EPIC
cg22647970	19	38993309	Island	RYR1	209	-0.0254	0.0054	3.40e-06	0.0164	68.7	0.0222	+-	INMA.TD.NFBC.LIFE	450K/EPIC
cg10049584	10	59775638	OpenSea	BTAF3	116	0.0074	0.0014	3.57e-06	0.0171	64.42	0.0042	---	TD.LIFE	EPIC
cg02094399	19	14517152	Island	CD97	93	0.0301	0.0065	3.70e-06	0.0176	0	0.3348	+	INMA.NFBC	450K
cg16681085	6	4080051	S Shore	FAM217A-C6orf201	116	-0.0070	0.0015	3.76e-06	0.0178	13.2	0.2830	---	TD.LIFE	EPIC
cg23972540	11	102758554	OpenSea	MMP12	209	0.0158	0.0034	3.86e-06	0.0181	11.4	0.3353	++++	INMA.TD.NFBC.LIFE	450K/EPIC
cg17278513	1	12505588	OpenSea		115	-0.0151	0.0012	3.89e-06	0.0182	0	0.7178	---	TD.LIFE	EPIC
cg02483641	20	37264767	OpenSea	ARHGAP40	116	-0.0366	0.0079	4.05e-06	0.0186	84.1	0.0120	-	TD.LIFE	EPIC
cg06020723	17	46693336	N Shore	HXB8	209	-0.0446	0.0096	4.05e-06	0.0186	53.9	0.0893	+-	INMA.TD.NFBC.LIFE	450K/EPIC
cg17866176	2	138114908	OpenSea	ANKRD44	116	0.0080	0.0017	4.09e-06	0.0187	72.3	0.0573	+	TD.LIFE	EPIC
cg02145151	8	94746897	OpenSea	RBM12B	209	0.0118	0.0025	4.21e-06	0.0190	12.9	0.3280	---	INMA.TD.NFBC.LIFE	450K/EPIC
cg15676371	5	176518013	N Shelf	FGFR4	209	0.0055	0.0012	4.22e-06	0.0190	86.7	4.86e-05	+++	INMA.TD.NFBC.LIFE	450K/EPIC
cg06292709	16	85479952	OpenSea		209	-0.0169	0.0036	4.25e-06	0.0190	8.24	0.3519	---	INMA.TD.NFBC.LIFE	450K/EPIC
cg00913166	4	40794000	OpenSea		116	0.0242	0.0020	4.36e-06	0.0193	0	0.5760	++	TD.LIFE	EPIC
cg10572416	12	123718706	S Shore	C12orf65	208	0.0190	0.0041	4.37e-06	0.0193	0	0.4555	+++	INMA.TD.NFBC.LIFE	450K/EPIC
cg08621168	8	56919462	OpenSea	LYN	209	0.0063	0.0013	4.56e-06	0.0200	0	0.7420	+++	INMA.TD.NFBC.LIFE	450K/EPIC
cg08222069	1	70387993	N Shore	PINP1-LPMC7	116	0.0113	0.0088	4.64e-06	0.0203	0	0.7843	---	TD.LIFE	EPIC
cg22530061	16	3874746	OpenSea	ELGAP5	116	0.0043	0.0043	4.68e-06	0.0203	90.8	0.0009	+	TD.LIFE	EPIC
cg18903679	3	21782543	OpenSea	ZNF385D	206	0.0108	0.0023	4.74e-06	0.0204	0	0.8353	++++	INMA.TD.NFBC.LIFE	450K/EPIC
cg09427273	10	11077625	OpenSea	CUGBP2	207	0.0116	0.0025	4.84e-06	0.0206	49.3	0.1152	+-	INMA.TD.NFBC.LIFE	450K/EPIC
cg15309953	2	5813258	N Shore		209	0.0576	0.0126	4.83e-06	0.0206	15.1	0.3144	+++	INMA.TD.NFBC.LIFE	450K/EPIC
cg07455279	19	54605703	N Shore	NDUFA3	209	-0.0452	0.0099	4.98e-06	0.0207	0	0.6623	---	INMA.TD.NFBC.LIFE	450K/EPIC
cg11105338	5	176758052	N Shore		209	-0.0104	0.0022	4.98e-06	0.0207	19.2	0.2941	+-	INMA.TD.NFBC.LIFE	450K/EPIC
cg11116798	21	46116735	OpenSea	KRTAP10-12-C21orf29	209	-0.0390	0.0085	5.01e-06	0.0207	63.0	0.0435	---	INMA.TD.NFBC.LIFE	450K/EPIC
cg10551588	5	9838984	OpenSea	LOC226692	209	-0.0217	0.0047	4.94e-06	0.0207	0	0.4000	+	INMA.TD.NFBC.LIFE	450K/EPIC
cg27250302	19	45664609	OpenSea	NKIP1	209	-0.0365	0.0079	4.94e-06	0.0207	16.3	0.3095	---	INMA.TD.NFBC.LIFE	450K/EPIC
cg09436502	7	95226433	S Shore	PDK4	209	0.0113	0.0024	5.16e-06	0.0210	0	0.4760	+++	INMA.TD.NFBC.LIFE	450K/EPIC
cg11300667	1	4749051	OpenSea	AUP1	93	-0.0279	0.0061	5.19e-06	0.0210	4.44	0.3063	---	INMA.NFBC	450K
cg26649686	6	29858360	S Shore	HLA-H	138	-0.0058	0.0014	5.15e-06	0.0210	74.7	0.0190	---	INMA.NFBC.LIFE	450K/EPIC
cg16908944	11	114237417	OpenSea		209	0.0116	0.0025	5.28e-06	0.0213	0	0.4424	++++	INMA.TD.NFBC.LIFE	450K/EPIC
cg27425709	2	111446533	OpenSea		209	0.0063	0.0013	5.38e-06	0.0216	0	0.4398	+++	INMA.TD.NFBC.LIFE	450K/EPIC
cg05423392	16	14586837	OpenSea		209	-0.0479	0.0105	5.59e-06	0.0219	24.7	0.2630	---	INMA.TD.NFBC.LIFE	450K/EPIC
cg16279786	2	51255306	Island	NRXN1	93	0.0238	0.0052	5.55e-06	0.0219	0	0.4211	+	INMA.NFBC	450K
cg22465293	1	192771439	OpenSea		116	0.0285	0.0062	5.58e-06	0.0219	0	0.5932	++	TD.LIFE	EPIC
cg23562160	8	709692	OpenSea		209	-0.0302	0.0086	5.52e-06	0.02					

cg07406237	7	150110801	OpenSea		116	-0.0108	0.0024	7.86e-06	0.0256	82.4	0.0168	--		TD LIFE	EPIC
cg19070159	6	31829644	N Shore	NEU1	209	-0.0213	0.0052	7.23e-06	0.0256	0	0.6025	---		INMA,TD,NFBC,LIFE	450K/EPIC
cg11903077	18	12006606	N Shore	IMPACT	207	-0.0114	0.0025	7.26e-06	0.0256	40.0	0.1214	+		INMA,TD,NFBC,LIFE	450K/EPIC
cg03076180	16	167915947	N Shelf	EDCA	116	-0.0191	0.0042	7.69e-06	0.0263	0	0.9403	---		TD LIFE	EPIC
cg05926198	15	13671053	S Shelf	CGN1,CGN1	116	-0.0299	0.0067	7.66e-06	0.0263	65.0	0.0908	+		TD LIFE	EPIC
cg17669802	20	18975154	OpenSea	USC1	116	0.0186	0.0041	7.74e-06	0.0263	83.2	0.0144	---		TD LIFE	EPIC
cg24542421	4	174802316	OpenSea	SHPT2	115	0.0076	0.0017	7.68e-06	0.0263	58.2	0.1216	---		TD LIFE	EPIC
cg06540283	11	75337235	OpenSea	MAP6	209	-0.0068	0.0015	7.78e-06	0.0264	14.0	0.3221	---		INMA,TD,NFBC,LIFE	450K/EPIC
cg14820577	6	138291617	OpenSea		116	0.0339	0.0076	7.97e-06	0.0269	87.8	0.0040	+		TD LIFE	EPIC
cg02001263	1	8068813	OpenSea		116	0.0108	0.0024	8.16e-06	0.0271	6.18	0.3018	---		TD LIFE	EPIC
cg08121652	1	48381824	OpenSea		209	0.0353	0.0079	8.17e-06	0.0271	70.4	0.0173	+++		INMA,TD,NFBC,LIFE	450K/EPIC
cg11647944	12	5603148	N Shore	NTF3	209	0.0083	0.0018	8.20e-06	0.0271	49.5	0.1144	+++		INMA,TD,NFBC,LIFE	450K/EPIC
cg25938030	6	30180080	OpenSea	THIM26	209	-0.0095	0.0021	8.15e-06	0.0271	26.5	0.2523	---		INMA,TD,NFBC,LIFE	450K/EPIC
cg25070491	22	18279922	S Shore	CLTCL	209	0.0290	0.0065	8.30e-06	0.0274	68.7	0.0239	---		INMA,TD,NFBC,LIFE	450K/EPIC
cg02242004	8	9754896	N Shore		209	-0.0364	0.0081	8.42e-06	0.0276	0	0.4691	---		INMA,TD,NFBC,LIFE	450K/EPIC
cg09496101	15	68113110	N Shore		209	0.0225	0.0050	8.50e-06	0.0277	82.4	0.0006	---		INMA,TD,NFBC,LIFE	450K/EPIC
cg04302493	10	135059937	N Shore	TUBSC2	209	0.0252	0.0029	8.54e-06	0.0277	64.4	0.0977	+++		INMA,TD,NFBC,LIFE	450K/EPIC
cg21462556	19	843995	Island	PRTN3	209	0.0447	0.0100	8.93e-06	0.0289	0	0.6299	+++		INMA,TD,NFBC,LIFE	450K/EPIC
cg07345108	10	49893463	OpenSea	WOFY4	209	0.0175	0.0039	9.18e-06	0.0295	38.2	0.1827	+++		INMA,TD,NFBC,LIFE	450K/EPIC
cg19163274	10	4864328	Island	AKR1E2	209	-0.0600	0.0116	9.31e-06	0.0298	42.6	0.1556	---		INMA,TD,NFBC,LIFE	450K/EPIC
cg02060235	11	69931263	N Shelf	AKO1	209	-0.0079	0.0017	9.41e-06	0.0300	0	0.4675	---		INMA,TD,NFBC,LIFE	450K/EPIC
cg14873515	5	149887461	OpenSea	ND011	209	0.0297	0.0067	9.49e-06	0.0301	32.6	0.2162	+++		INMA,TD,NFBC,LIFE	450K/EPIC
cg04425110	10	102902429	N Shelf		209	0.0302	0.0068	9.61e-06	0.0303	50.6	0.1076	+++		INMA,TD,NFBC,LIFE	450K/EPIC
cg04754110	10	40564365	OpenSea	ZMR1	116	-0.0060	0.0013	9.89e-06	0.0309	0	0.6349	---		INMA,NFBC	450K
cg11788928	7	62901268	OpenSea		116	0.0131	0.0029	9.85e-06	0.0309	0	0.9281	++		TD LIFE	EPIC
cg02715572	2	75185375	N Shore	POL4	116	-0.0485	0.0110	1.00e-05	0.0312	0	0.8324	---		TD LIFE	EPIC
cg02658311	11	77896927	N Shelf	KCTD21	206	-0.0083	0.0018	1.01e-05	0.0312	77.7	0.0036	---		INMA,TD,NFBC,LIFE	450K/EPIC
cg14511782	7	112714624	OpenSea	GPMB	93	0.0383	0.0086	1.01e-05	0.0312	0	0.4335	---		INMA,NFBC	450K
cg19423170	21	72472112	OpenSea	APP	116	-0.0590	0.0133	1.01e-05	0.0312	34.2	0.2175	---		TD LIFE	EPIC
cg09863138	2	227871081	OpenSea	COL4A4	209	0.0054	0.0012	1.04e-05	0.0315	49.7	0.1129	+++		INMA,TD,NFBC,LIFE	450K/EPIC
cg15562300	4	41628401	S Shore	LMKCH	109	-0.0074	0.0016	1.03e-05	0.0315	0	0.8665	---		INMA,TD,NFBC,LIFE	450K/EPIC
cg16747922	4	2415950	N Shelf	ZFYV2B	109	0.0645	0.0147	1.04e-05	0.0315	72.3	0.0573	++		TD LIFE	EPIC
cg16883132	10	2249991	OpenSea		209	-0.0074	0.0016	1.04e-05	0.0315	0	0.6757	---		INMA,TD,NFBC,LIFE	450K/EPIC
cg18581746	19	53527944	OpenSea	KLK11	116	0.0276	0.0062	1.03e-05	0.0315	72.5	0.0560	++		TD LIFE	EPIC
cg02112962	14	106249514	OpenSea		208	0.0159	0.0036	1.06e-05	0.0316	61.2	0.0617	+++		INMA,TD,NFBC,LIFE	450K/EPIC
cg14435502	9	92799278	OpenSea		93	-0.0414	0.0094	1.06e-05	0.0316	69.1	0.0715	+		INMA,NFBC	450K
cg16842017	8	52282401	OpenSea	PXONL	208	0.0086	0.0019	1.06e-05	0.0316	20.8	0.2851	+++		INMA,TD,NFBC,LIFE	450K/EPIC
cg27212192	6	50765846	OpenSea		209	0.0126	0.0028	1.07e-05	0.0316	38.7	0.1795	+++		INMA,TD,NFBC,LIFE	450K/EPIC
cg02213268	16	3646441	OpenSea	SIX4	116	-0.0180	0.0041	1.08e-05	0.0318	0	0.4343	---		TD LIFE	EPIC
cg19004775	13	100603150	OpenSea		209	0.0492	0.0111	1.09e-05	0.0319	0	0.8332	+++		INMA,TD,NFBC,LIFE	450K/EPIC
cg26305957	3	128840676	S Shore	RAB43	208	-0.0291	0.0066	1.09e-05	0.0319	44.2	0.1460	---		INMA,TD,NFBC,LIFE	450K/EPIC
cg00277865	3	179274805	S Shelf		208	-0.0113	0.0025	1.10e-05	0.0321	48.3	0.2213	---		INMA,TD,NFBC,LIFE	450K/EPIC
cg00505936	16	69139418	N Shore	HAS3	159	-0.0119	0.0027	1.11e-05	0.0322	53.3	0.1174	++		INMA,NFBC,LIFE	450K/EPIC
cg03605666	19	3383594	S Shore	NFIC	209	-0.0116	0.0026	1.11e-05	0.0322	54.0	0.0887	---		INMA,TD,NFBC,LIFE	450K/EPIC
cg27580021	13	37454023	OpenSea	SNAD9	209	0.0389	0.0020	1.13e-05	0.0324	50.8	0.1069	+++		INMA,TD,NFBC,LIFE	450K/EPIC
cg24542660	2	120526564	Island	ANKR03	207	-0.0210	0.0048	1.15e-05	0.0327	0	0.5407	---		INMA,TD,NFBC,LIFE	450K/EPIC
cg18816605	1	214602356	OpenSea	PTPN14	208	-0.0102	0.0023	1.14e-05	0.0327	75.4	0.0065	---		INMA,TD,NFBC,LIFE	450K/EPIC
cg16220931	2	197041071	OpenSea		116	0.0337	0.0077	1.17e-05	0.0333	74.3	0.0484	++		TD LIFE	EPIC
cg00793407	1	215314823	S Shore	RBHM4	90	0.0034	0.0023	1.19e-05	0.0335	0	0.8655	---		INMA,NFBC	450K
cg07908977	5	30174703	OpenSea	ADGRV1	116	0.0128	0.0029	1.19e-05	0.0334	63.3	0.0986	+		TD LIFE	EPIC
cg15012214	3	56810320	OpenSea	ARHG43	209	-0.0154	0.0035	1.19e-05	0.0334	53.8	0.0898	---		INMA,TD,NFBC,LIFE	450K/EPIC
cg00208648	13	113648882	Island	MC7L	93	0.0074	0.0016	1.20e-05	0.0335	0	0.7922	---		INMA,NFBC	450K
cg14302428	9	4139292	OpenSea	GUS3	209	0.0229	0.0052	1.21e-05	0.0337	0	0.6716	+++		INMA,TD,NFBC,LIFE	450K/EPIC
cg26509139	1	1342809	Island	MRLD3L	116	0.0067	0.0015	1.21e-05	0.0337	56.5	0.1292	++		TD LIFE	EPIC
cg14216173	18	55804389	OpenSea	NEDD4L	116	-0.0059	0.0013	1.22e-05	0.0338	42.4	0.1872	+		TD LIFE	EPIC
cg00049444	19	11849919	S Shore	ZNF823	93	0.0171	0.0039	1.24e-05	0.0340	0	0.8432	---		INMA,NFBC	450K
cg09026287	16	3073788	OpenSea		116	0.0247	0.0056	1.24e-05	0.0340	0	0.3475	++		TD LIFE	EPIC
cg10653556	6	142490464	N Shore	NMB8	116	-0.0315	0.0072	1.27e-05	0.0347	0	0.3741	---		TD LIFE	EPIC
cg09387528	21	47876058	N Shelf		209	0.0189	0.0043	1.28e-05	0.0349	42.7	0.1550	+++		INMA,TD,NFBC,LIFE	450K/EPIC
cg21964391	1	218213368	OpenSea		209	0.0058	0.0023	1.29e-05	0.0350	52.8	0.0951	---		INMA,TD,NFBC,LIFE	450K/EPIC
cg23803838	12	39064923	OpenSea	CPNE8	116	0.0168	0.0038	1.30e-05	0.0350	17.5	0.2706	---		TD LIFE	EPIC
cg08914660	3	39231907	OpenSea	XIRP1	209	-0.0102	0.0023	1.33e-05	0.0356	0	0.5148	---		INMA,TD,NFBC,LIFE	450K/EPIC
cg25367508	20	12428437	Island	GN45	208	0.0133	0.0030	1.33e-05	0.0356	0	0.4897	---		INMA,TD,NFBC,LIFE	450K/EPIC
cg04343409	14	10206871	OpenSea		209	0.0065	0.0015	1.34e-05	0.0357	0	0.4663	+++		INMA,TD,NFBC,LIFE	450K/EPIC
cg16097041	1	154965544	OpenSea	FLAD1,LENEP	209	0.0203	0.0046	1.38e-05	0.0365	69.3	0.0205	---		INMA,TD,NFBC,LIFE	450K/EPIC
cg19742870	9	71860887	N Shelf	TIF2	116	0.0381	0.0087	1.40e-05	0.0368	0	0.7450	---		TD LIFE	EPIC
cg13325278	22	37121023	OpenSea		116	-0.0399	0.0092	1.39e-05	0.0368	66.3	0.0838	---		TD LIFE	EPIC
cg13321152	7	127776528	S Shore		116	0.0222	0.0051	1.44e-05	0.0375	0	0.7579	++		TD LIFE	EPIC
cg15186147	7	111791255	OpenSea	DOCK4	91	-0.0082	0.0018	1.43e-05	0.0375	0	0.9885	---		INMA,NFBC	450K
cg16602747	10	119313075	Island		209	0.0165	0.0038	1.49e-05	0.0388	53.3	0.0924	+++		INMA,TD,NFBC,LIFE	450K/EPIC
cg09427265	16	71932006	S Shelf	KIAA0174	208	0.0102	0.0023	1.52e-05	0.0393	26.4	0.2532	---		INMA,TD,NFBC,LIFE	450K/EPIC
cg01040654	5	173632119	N Shore	NKX2-5	209	0.0192	0.0044	1.53e-05	0.0394	0	0.4151	+++		INMA,TD,NFBC,LIFE	450K/EPIC
cg0631862	15	99464350	OpenSea	IGF1R	209	0.0092	0.0021	1.52e-05	0.0394	0	0.4614	+++		INMA,TD,NFBC,LIFE	450K/EPIC
cg09226714	8	27471953	Island	CLU	116	-0.0063	0.0014	1.55e-05	0.0394	0	0.6693	---		TD LIFE	EPIC
cg12175364	17	1308675	OpenSea		209	0.0144	0.0033	1.54e-05	0.0394	3.94	0.3730	+++		INMA,TD,NFBC,LIFE	450K/EPIC
cg16097041	7	145001428	Island	PLEC1	209	-0.0887	0.0205	1.54e-05	0.0394	84.6	0.0002	---		INMA,TD,NFBC,LIFE	450K/EPIC
cg21170324	20	36998917	OpenSea	LOC149684	116	0.0418	0.0096	1.55e-05	0.0394	90.7	0.0010	---		TD LIFE	EPIC
cg02072976	20	106214573	OpenSea		116	-0.0348	0.0080	1.59e-05	0.0400	0	0.5737	---		TD LIFE	EPIC
cg02568008	13	47686886	OpenSea		116	-0.0098	0.0022	1.59e-05	0.0400	0	0.4061	---		TD LIFE	EPIC
cg16735986	16	23767627	N Shore	CHP2	209	0									

cg24504349	4	120974344	OpenSea		209	0.0158	0.0037	2.04e-05	0.0476	78.6	0.0028	+++	INMA,TD,NFBC,LIFE	450K/EPIC
cg06462044	18	64491911	OpenSea		116	-0.0317	0.0084	2.07e-05	0.0480	0	0.3403	--	TD,LIFE	EPIC
cg11613450	19	55721793	OpenSea	PTPRH	209	-0.0411	0.0007	2.10e-05	0.0484	0	0.4459	---	INMA,TD,NFBC,LIFE	450K/EPIC
cg17566238	2	240046071	N_Shore	HDACA	116	0.0111	0.0026	2.10e-05	0.0484	0	0.3392	++	TD,LIFE	EPIC

Table S10. Meta-analysis results of the BMI-stratified models (all findings, FDR <0.05) and corresponding effect estimates of the opposed BMI-group and the whole group														
CG#	Meta-analysis results of BMI-stratified models (FDR <0.05)			Meta-analysis results of opposed BMI-stratified models			Meta-analysis results (whole group)				Same effect direction in:			
	Beta coefficient	Standard error	Meta-analysis model	Beta coefficient	Standard error	nominal P-value	Beta coefficient	Standard error	nominal P-value	Meta-analysis model	Both BMI-stratified CGs and whole group	BMI-group with sign	Both BMI-stratified and whole group	
cg0008075	-0.572	0.1032	Glycemic index (normal weight)	-0.583	0.1420	3.9E-05	Glycemic index (overweight/obese)	-0.454	0.0885	3.3E-07	Glycemic index (whole group)	TRUE	TRUE	TRUE
cg0008648	-0.0074	0.0016	Glycemic load (normal weight)	0.0200	0.0012	0.1095	Glycemic load (normal weight)	-0.0006	0.0012	0.0296	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg0008765	-0.029	0.0056	Glycemic index (normal weight)	-0.0038	0.0104	0.7096	Glycemic load (normal weight)	-0.016	0.0047	0.0006	Glycemic load (whole group)	FALSE	TRUE	FALSE
cg0009484	0.0171	0.0039	Glycemic load (normal weight)	0.0014	0.0034	0.6807	Glycemic load (normal weight)	0.0016	0.0029	0.5672	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg0017620	0.0325	0.0067	Glycemic load (overweight/obese)	-0.0025	0.0074	0.7346	Glycemic load (normal weight)	0.0325	0.0053	0.0559	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg0026025	-0.007	0.0017	Glycemic index (overweight/obese)	-0.002	0.0014	0.0418	Glycemic index (normal weight)	-0.003	0.0010	0.0004	Glycemic index (whole group)	TRUE	TRUE	TRUE
cg0033193	0.2646	0.0374	Glycemic load (overweight/obese)	0.0373	0.0382	0.3283	Glycemic load (normal weight)	0.0360	0.0348	0.3015	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg0037865	0.0113	0.0025	Glycemic index (normal weight)	-0.001	0.0020	0.5592	Glycemic index (overweight/obese)	0.0002	0.0015	0.8637	Glycemic index (whole group)	FALSE	TRUE	FALSE
cg0041593	0.0257	0.0048	Glycemic index (normal weight)	3.07E-05	0.0047	0.9848	Glycemic index (overweight/obese)	0.0053	0.0037	0.1564	Glycemic index (whole group)	TRUE	TRUE	TRUE
cg00418087	-0.037	0.0082	Glycemic index (normal weight)	-0.003	0.0156	0.8225	Glycemic index (overweight/obese)	-0.021	0.0005	0.0010	Glycemic index (whole group)	TRUE	TRUE	TRUE
cg0050936	-0.011	0.0027	Glycemic load (overweight/obese)	0.0001	0.0022	0.9597	Glycemic load (normal weight)	-0.001	0.0016	0.4780	Glycemic load (whole group)	FALSE	TRUE	FALSE
cg0057147	0.0215	0.0043	Glycemic index (overweight/obese)	-0.002	0.0048	0.6054	Glycemic index (normal weight)	0.0010	0.0039	0.7902	Glycemic index (whole group)	FALSE	TRUE	FALSE
cg0058861	0.0525	0.0079	Glycemic load (overweight/obese)	-0.003	0.0054	0.5130	Glycemic load (normal weight)	0.0037	0.0046	0.4176	Glycemic load (whole group)	FALSE	TRUE	FALSE
cg0061127	-0.014	0.0029	Glycemic index (normal weight)	0.0018	0.0021	0.3946	Glycemic index (overweight/obese)	-0.001	0.0017	0.4756	Glycemic index (whole group)	FALSE	TRUE	FALSE
cg0068312	-0.025	0.0051	Glycemic load (overweight/obese)	0.0012	0.0034	0.7113	Glycemic load (normal weight)	-0.005	0.0077	0.6622	Glycemic load (whole group)	FALSE	TRUE	FALSE
cg0071883	-0.005	0.0009	Glycemic index (overweight/obese)	0.0017	0.0008	0.0373	Glycemic index (normal weight)	0.0010	0.0006	0.1340	Glycemic index (whole group)	FALSE	FALSE	FALSE
cg0071978	-0.354	0.0761	Glycemic index (overweight/obese)	-0.133	0.0932	0.1536	Glycemic index (normal weight)	-0.162	0.0635	0.0083	Glycemic index (whole group)	TRUE	TRUE	TRUE
cg0077406	0.1743	0.0360	Glycemic index (overweight/obese)	0.0523	0.0683	0.4440	Glycemic index (normal weight)	0.081	0.0303	0.0003	Glycemic index (whole group)	TRUE	TRUE	TRUE
cg0079497	0.0104	0.0023	Glycemic load (overweight/obese)	-0.002	0.0054	0.8879	Glycemic load (normal weight)	0.0001	0.0012	0.9270	Glycemic load (whole group)	FALSE	TRUE	FALSE
cg0085068	-0.067	0.0045	Glycemic load (normal weight)	0.0018	0.0122	0.8826	Glycemic load (overweight/obese)	-0.026	0.0097	0.0024	Glycemic load (whole group)	FALSE	TRUE	FALSE
cg00910355	0.0093	0.0021	Glycemic index (normal weight)	0.0007	0.0011	0.5261	Glycemic index (overweight/obese)	0.0018	0.0010	0.0814	Glycemic index (whole group)	TRUE	TRUE	TRUE
cg00913954	0.1631	0.0318	Glycemic index (overweight/obese)	0.0188	0.0336	0.1765	Glycemic load (normal weight)	0.0308	0.0280	0.2709	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg00961418	0.1603	0.0087	Glycemic load (overweight/obese)	-0.026	0.0058	0.1132	Glycemic load (normal weight)	-0.026	0.0137	0.0744	Glycemic load (whole group)	FALSE	TRUE	FALSE
cg01001263	0.0108	0.0024	Glycemic index (normal weight)	-0.001	0.0015	0.4281	Glycemic index (overweight/obese)	0.0013	0.0012	0.2826	Glycemic index (whole group)	FALSE	TRUE	FALSE
cg01040654	0.0192	0.0044	Glycemic load (overweight/obese)	0.0007	0.0038	0.8509	Glycemic load (normal weight)	0.0061	0.0030	0.0458	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg01140247	0.1480	0.0128	Glycemic load (overweight/obese)	-0.025	0.0296	0.3957	Glycemic load (normal weight)	0.0132	0.0127	0.5447	Glycemic load (whole group)	FALSE	TRUE	FALSE
cg01160763	-0.280	0.0758	Glycemic load (normal weight)	0.0078	0.0786	0.9895	Glycemic load (overweight/obese)	-0.091	0.0461	0.0226	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg01245155	0.1469	0.0293	Glycemic index (overweight/obese)	-0.032	0.0233	0.1585	Glycemic load (normal weight)	-0.041	0.0192	0.4593	Glycemic load (whole group)	FALSE	FALSE	FALSE
cg01245191	0.0118	0.0025	Glycemic index (normal weight)	0.0019	0.0016	0.2428	Glycemic index (overweight/obese)	0.0034	0.0013	0.0122	Glycemic index (whole group)	TRUE	TRUE	TRUE
cg01336848	-0.048	0.0099	Glycemic index (overweight/obese)	0.0109	0.0083	0.1330	Glycemic index (normal weight)	-0.007	0.0066	0.2116	Glycemic index (whole group)	FALSE	TRUE	FALSE
cg01407748	-0.121	0.0220	Glycemic index (overweight/obese)	-0.019	0.0168	0.2475	Glycemic index (normal weight)	-0.041	0.0139	0.0027	Glycemic index (whole group)	TRUE	TRUE	TRUE
cg01465869	0.1812	0.0373	Glycemic load (overweight/obese)	0.0426	0.0342	0.1210	Glycemic load (normal weight)	0.0646	0.0256	0.0116	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg01510292	0.2524	0.0527	Glycemic load (overweight/obese)	-0.011	0.0544	0.8136	Glycemic load (normal weight)	0.0700	0.0346	0.0430	Glycemic load (whole group)	FALSE	TRUE	FALSE
cg01566117	0.0367	0.0082	Glycemic index (normal weight)	0.0003	0.0082	0.9404	Glycemic index (overweight/obese)	0.0083	0.0049	0.0943	Glycemic index (whole group)	TRUE	TRUE	TRUE
cg01648310	-0.035	0.0082	Glycemic load (overweight/obese)	0.0031	0.0074	0.6686	Glycemic load (normal weight)	-0.008	0.0067	0.2268	Glycemic load (whole group)	FALSE	TRUE	FALSE
cg01728711	-0.011	0.0020	Glycemic index (normal weight)	-0.000	0.0015	0.6624	Glycemic index (overweight/obese)	-0.002	0.0012	0.4888	Glycemic index (whole group)	TRUE	TRUE	TRUE
cg01723892	0.0037	0.0007	Glycemic index (overweight/obese)	0.0003	0.0007	0.4680	Glycemic index (normal weight)	0.0004	0.0004	0.0034	Glycemic index (whole group)	FALSE	TRUE	FALSE
cg01768844	-0.008	0.0017	Glycemic load (overweight/obese)	0.0003	0.0008	0.6618	Glycemic load (normal weight)	-0.0003	0.0006	0.8175	Glycemic load (whole group)	FALSE	TRUE	FALSE
cg01790002	-0.067	0.0147	Glycemic load (overweight/obese)	0.0296	0.0187	0.1133	Glycemic load (normal weight)	-0.006	0.0130	0.6456	Glycemic load (whole group)	FALSE	TRUE	FALSE
cg01912129	-0.059	0.0089	Glycemic index (overweight/obese)	-0.006	0.0017	0.0548	Glycemic index (normal weight)	-0.012	0.0080	0.1230	Glycemic index (whole group)	TRUE	TRUE	TRUE
cg01945076	-0.348	0.0742	Glycemic index (normal weight)	-0.155	0.0560	0.0042	Glycemic index (overweight/obese)	-0.180	0.0648	0.0033	Glycemic index (whole group)	TRUE	TRUE	TRUE
cg01951707	0.1595	0.0352	Glycemic load (overweight/obese)	0.0273	0.0326	0.4021	Glycemic load (normal weight)	0.0558	0.0283	0.0485	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg02054431	0.1840	0.0384	Glycemic index (overweight/obese)	-0.037	0.0373	0.3221	Glycemic index (normal weight)	-0.002	0.0329	0.9487	Glycemic index (whole group)	FALSE	FALSE	FALSE
cg02075976	-0.034	0.0080	Glycemic load (overweight/obese)	-0.008	0.0068	0.2433	Glycemic load (normal weight)	-0.017	0.0052	0.0007	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg02115281	0.0151	0.0029	Glycemic index (overweight/obese)	0.0009	0.0034	0.0384	Glycemic index (normal weight)	0.0003	0.0013	0.8618	Glycemic index (whole group)	FALSE	TRUE	FALSE
cg02129962	0.0159	0.0039	Glycemic load (overweight/obese)	0.000	0.0017	0.6640	Glycemic load (normal weight)	0.0007	0.0014	0.6371	Glycemic load (whole group)	FALSE	TRUE	FALSE
cg02184558	1.2527	0.2450	Glycemic index (overweight/obese)	0.1401	0.2568	0.0583	Glycemic load (normal weight)	0.5240	0.1557	0.0007	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg02189017	-0.014	0.0033	Glycemic load (overweight/obese)	0.0060	0.0030	0.0229	Glycemic load (normal weight)	-0.001	0.0016	0.2001	Glycemic load (whole group)	FALSE	FALSE	FALSE
cg02218268	-0.018	0.0041	Glycemic load (overweight/obese)	-0.000	0.0022	0.6808	Glycemic load (normal weight)	-0.004	0.0016	0.0080	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg02242004	-0.036	0.0081	Glycemic index (normal weight)	-0.004	0.0064	0.5027	Glycemic index (overweight/obese)	-0.008	0.0052	0.0899	Glycemic index (whole group)	TRUE	TRUE	TRUE
cg02291010	0.0268	0.0062	Glycemic index (overweight/obese)	0.0090	0.0057	0.1136	Glycemic index (normal weight)	0.0100	0.0043	0.0121	Glycemic index (whole group)	TRUE	TRUE	TRUE
cg02313154	0.0355	0.0074	Glycemic index (overweight/obese)	0.0064	0.0063	0.0063	Glycemic index (normal weight)	0.0074	0.0049	0.0022	Glycemic index (whole group)	TRUE	TRUE	TRUE
cg02439540	0.1934	0.0422	Glycemic load (overweight/obese)	0.0021	0.0786	0.9779	Glycemic load (normal weight)	0.1203	0.0349	0.0005	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg02461739	-0.034	0.0074	Glycemic index (normal weight)	-0.001	0.0077	0.8585	Glycemic index (overweight/obese)	-0.008	0.0054	0.1371	Glycemic index (whole group)	TRUE	TRUE	TRUE
cg02479816	0.0217	0.0162	Glycemic index (overweight/obese)	0.013	0.0206	0.2098	Glycemic index (normal weight)	0.0078	0.0203	0.3998	Glycemic index (whole group)	FALSE	TRUE	FALSE
cg02483204	-0.224	0.0502	Glycemic index (normal weight)	-0.040	0.0391	0.3017	Glycemic index (overweight/obese)	-0.090	0.0317	0.0041	Glycemic index (whole group)	TRUE	TRUE	TRUE
cg02483641	-0.036	0.0079	Glycemic index (overweight/obese)	-0.010	0.0060	0.0731	Glycemic index (normal weight)	-0.014	0.0055	0.0078	Glycemic index (whole group)	TRUE	TRUE	TRUE
cg02578008	-0.009	0.0022	Glycemic load (overweight/obese)	-0.001	0.0012	0.1608	Glycemic load (normal weight)	-0.002	0.0011	0.0133	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg02578975	-0.035	0.0073	Glycemic load (overweight/obese)	0.0013	0.0053	0.5133	Glycemic load (normal weight)	-0.002	0.0042	0.5645	Glycemic load (whole group)	FALSE	TRUE	FALSE
cg02648015	-0.020	0.0046	Glycemic load (overweight/obese)	0.0057	0.0030	0.0589	Glycemic load (normal weight)	0.0014	0.0025	0.5789	Glycemic load (whole group)	FALSE	FALSE	FALSE
cg02715572	0.048	0.0110	Glycemic index (normal weight)	0.0042	0.0097	0.6592	Glycemic index (overweight/obese)	-0.009	0.0073	0.1814	Glycemic index (whole group)	FALSE	TRUE	FALSE
cg02781833	-0.007	0.0014	Glycemic index (overweight/obese)	0.0002	0.0009	0.7789	Glycemic index (normal weight)	-0.0009	0.0007	0.3909	Glycemic index (whole group)	FALSE	TRUE	FALSE
cg02799334	-0.208	0.0423	Glycemic load (overweight/obese)	-0.015	0.0737	0.8373	Glycemic load (normal weight)	-0.053	0.0433	0.2201	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg02909929	-0.008	0.0018	Glycemic load (overweight/obese)	-0.002	0.0015	0.0702	Glycemic load (normal weight)	-0.003	0.0011	0.0022	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg02914589	0.2667	0.0543	Glycemic load (overweight/obese)	0.0166	0.0702	0.0128	Glycemic load (normal weight)	0.0936	0.0394	0.0176	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg02969380	0.1157	0.0323	Glycemic index (overweight/obese)	0.0087	0.0168	0.6028	Glycemic index (normal weight)	0.0370	0.0139	0.0077	Glycemic index (whole group)	TRUE	TRUE	TRUE
cg02994399	0.0301	0.0065	Glycemic index (overweight/obese)	-0.005	0.0049	0.2377	Glycemic index (normal weight)	0.0033	0.0039	0.3949	Glycemic index (whole group)	FALSE	TRUE	FALSE
cg02994628	-0.063	0.0133	Glycemic load (overweight/obese)	0.0165	0.0176	0.3493	Glycemic load (normal weight)	-0.002	0.0104	0.8243	Glycemic load (whole group)	FALSE	TRUE	FALSE
cg03058038	-0.016	0.0034	Glycemic index (overweight/obese)	-0.003	0.0026	0.2316	Glycemic index (normal weight)	-0.006	0.0021	0.0039	Glycemic index (whole group)	TRUE	TRUE	TRUE
cg03077077	-0.238	0.0527	Glycemic index (overweight/obese)	0.0186	0.0506	0.0978	Glycemic index (normal weight)	-0.074	0.0414	0.0007	Glycemic index (whole group)	FALSE	TRUE	FALSE
cg03086067	0.1720	0.0313	Glycemic load (overweight/obese)	0.0235	0.0230	0.3058	Glycemic load (normal weight)	0.0613	0.0173	0.0004	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg03114609	-0.017	0.0083	Glycemic index (overweight/obese)	-0.000	0.0066	0.8972	Glycemic index (normal weight)	-0.007	0.0055	0.1265	Glycemic index (whole group)	TRUE	TRUE	TRUE
cg03128512	-0.3836	0.0740	Glycemic load (overweight/obese)	0.0229	0.0939	0.0049	Glycemic load (normal weight)	0.1242	0.0614	0.0431	Glycemic load (whole group)	TRUE	TRUE	TRUE

cg04426554	-0.113	0.0247	Glycemic load (overweight/obese)	-0.022	0.0317	0.4757	Glycemic index (normal weight)	-0.077	0.0189	4.27e-05	Glycemic load (whole group)	TRUE	TRUE
cg04434994	-0.075	0.0155	Glycemic index (overweight/obese)	-0.002	0.0164	0.8741	Glycemic index (normal weight)	-0.016	0.0145	0.2632	Glycemic index (whole group)	TRUE	TRUE
cg04515610	-0.004	0.0013	Glycemic index (normal weight)	-0.001	0.0013	0.0014	Glycemic index (normal weight)	-0.012	0.0098	0.4572	Glycemic index (whole group)	FALSE	FALSE
cg04813149	0.0851	0.0173	Glycemic index (normal weight)	0.0569	0.0207	0.0200	Glycemic index (overweight/obese)	0.0313	0.0153	0.0414	Glycemic index (whole group)	TRUE	TRUE
cg04833280	0.1705	0.0303	Glycemic index (normal weight)	0.0385	0.0329	0.2423	Glycemic index (overweight/obese)	0.0730	0.0213	0.0017	Glycemic index (whole group)	TRUE	TRUE
cg04872848	0.0486	0.0094	Glycemic load (overweight/obese)	-0.006	0.0066	0.0068	Glycemic load (normal weight)	0.0088	0.0052	0.0058	Glycemic load (whole group)	FALSE	FALSE
cg04886668	0.0394	0.0051	Glycemic load (overweight/obese)	0.0019	0.0060	0.1484	Glycemic load (normal weight)	0.0074	0.0046	0.1079	Glycemic load (whole group)	TRUE	TRUE
cg04891843	0.0491	0.0109	Glycemic load (overweight/obese)	-0.000	0.0088	0.0802	Glycemic load (normal weight)	0.0163	0.0063	0.0102	Glycemic load (whole group)	FALSE	FALSE
cg04987950	-0.054	0.0115	Glycemic load (overweight/obese)	0.0096	0.0109	0.1754	Glycemic load (normal weight)	-0.004	0.0085	0.5651	Glycemic load (whole group)	FALSE	TRUE
cg05040501	-0.011	0.0023	Glycemic load (overweight/obese)	-0.002	0.0013	0.0563	Glycemic load (normal weight)	-0.001	0.0011	0.0156	Glycemic load (whole group)	TRUE	TRUE
cg05041307	-0.022	0.0039	Glycemic index (overweight/obese)	0.0055	0.0120	0.6480	Glycemic index (normal weight)	-0.016	0.0038	1.79e-05	Glycemic index (whole group)	FALSE	FALSE
cg05084137	-0.098	0.0177	Glycemic load (overweight/obese)	0.0022	0.0301	0.9409	Glycemic load (normal weight)	-0.005	0.0181	0.7510	Glycemic load (whole group)	FALSE	FALSE
cg05164421	0.3923	0.0454	Glycemic load (overweight/obese)	-0.046	0.0533	0.0812	Glycemic load (normal weight)	-0.0004	0.0422	0.9923	Glycemic load (whole group)	FALSE	FALSE
cg05232496	-0.021	0.0040	Glycemic load (overweight/obese)	0.0045	0.0024	0.0812	Glycemic load (normal weight)	0.0008	0.0020	0.0959	Glycemic load (whole group)	FALSE	FALSE
cg05235903	-0.039	0.0089	Glycemic load (overweight/obese)	0.0067	0.0061	0.2682	Glycemic load (normal weight)	-0.001	0.0045	0.7540	Glycemic load (whole group)	FALSE	TRUE
cg05269359	0.0039	0.0008	Glycemic load (overweight/obese)	0.0008	0.0009	0.3446	Glycemic load (normal weight)	0.0013	0.0006	0.0550	Glycemic load (whole group)	TRUE	TRUE
cg05327271	0.2887	0.0000	Glycemic load (overweight/obese)	0.0069	0.0092	0.9054	Glycemic load (normal weight)	0.0723	0.0412	0.0802	Glycemic load (whole group)	TRUE	TRUE
cg05336486	0.1972	0.0431	Glycemic index (overweight/obese)	-0.003	0.0639	0.9504	Glycemic index (normal weight)	0.0428	0.0400	0.2844	Glycemic index (whole group)	FALSE	TRUE
cg05399244	-0.153	0.0226	Glycemic load (overweight/obese)	-0.025	0.0356	0.4798	Glycemic load (normal weight)	-0.037	0.0264	0.1514	Glycemic load (whole group)	TRUE	TRUE
cg05431285	0.1174	0.0291	Glycemic load (overweight/obese)	-0.018	0.0224	0.4159	Glycemic load (normal weight)	0.0098	0.0192	0.6081	Glycemic load (whole group)	FALSE	FALSE
cg05433392	-0.047	0.0105	Glycemic index (overweight/obese)	0.0024	0.0071	0.1728	Glycemic index (normal weight)	-0.010	0.0068	0.0741	Glycemic index (whole group)	FALSE	FALSE
cg05433258	0.2728	0.0537	Glycemic index (overweight/obese)	-0.009	0.0796	0.9017	Glycemic index (normal weight)	0.0782	0.0582	0.1791	Glycemic index (whole group)	FALSE	FALSE
cg05442602	0.0311	0.0064	Glycemic index (overweight/obese)	0.0010	0.0045	0.8165	Glycemic index (normal weight)	0.0057	0.0037	0.1290	Glycemic index (whole group)	TRUE	TRUE
cg05474605	0.0257	0.0036	Glycemic load (overweight/obese)	-0.000	0.0034	0.9555	Glycemic load (normal weight)	0.0041	0.0028	0.1511	Glycemic load (whole group)	FALSE	FALSE
cg05492603	-0.021	0.0048	Glycemic index (normal weight)	-0.005	0.0025	0.0204	Glycemic index (overweight/obese)	-0.009	0.0020	1.33e-06	Glycemic index (whole group)	TRUE	TRUE
cg05523449	0.0099	0.0020	Glycemic load (overweight/obese)	0.0027	0.0013	0.0440	Glycemic load (normal weight)	0.0035	0.0011	0.0023	Glycemic load (whole group)	TRUE	TRUE
cg05747251	0.2535	0.0412	Glycemic index (overweight/obese)	0.0231	0.0426	0.5871	Glycemic index (normal weight)	0.0824	0.0297	0.0055	Glycemic index (whole group)	TRUE	TRUE
cg05751971	0.0084	0.0015	Glycemic load (overweight/obese)	-0.000	0.0014	0.7740	Glycemic load (normal weight)	0.0010	0.0007	0.0010	Glycemic load (whole group)	FALSE	TRUE
cg05768032	-0.042	0.0085	Glycemic load (overweight/obese)	0.0137	0.0086	0.1427	Glycemic load (normal weight)	-0.003	0.0074	0.6292	Glycemic load (whole group)	FALSE	FALSE
cg05853306	0.0101	0.0019	Glycemic index (normal weight)	-0.005	0.0045	0.2506	Glycemic index (overweight/obese)	0.0086	0.0017	8.07e-07	Glycemic index (whole group)	FALSE	TRUE
cg05855673	-0.061	0.0138	Glycemic load (overweight/obese)	-0.000	0.0103	0.9794	Glycemic load (normal weight)	-0.000	0.0090	0.2580	Glycemic load (whole group)	TRUE	FALSE
cg05930158	-0.025	0.0087	Glycemic index (normal weight)	0.0053	0.0063	0.3199	Glycemic index (overweight/obese)	-0.000	0.0047	0.5293	Glycemic index (whole group)	FALSE	FALSE
cg06068645	-0.000	0.0041	Glycemic index (normal weight)	0.0034	0.0023	0.1504	Glycemic index (overweight/obese)	0.0003	0.0020	0.8561	Glycemic index (whole group)	FALSE	FALSE
cg06259244	0.0245	0.0052	Glycemic load (overweight/obese)	-0.000	0.0024	0.8739	Glycemic load (normal weight)	0.0030	0.0023	0.1997	Glycemic load (whole group)	FALSE	TRUE
cg06258111	-0.008	0.0018	Glycemic load (overweight/obese)	-0.000	0.0018	0.0872	Glycemic load (normal weight)	-0.001	0.0009	0.0608	Glycemic load (whole group)	TRUE	TRUE
cg06289282	0.0606	0.0134	Glycemic load (overweight/obese)	0.0081	0.0115	0.4815	Glycemic load (normal weight)	0.0203	0.0083	0.0145	Glycemic load (whole group)	TRUE	TRUE
cg06292709	-0.016	0.0036	Glycemic index (overweight/obese)	0.0029	0.0024	0.2375	Glycemic index (normal weight)	-1.110	0.0019	0.9914	Glycemic index (whole group)	FALSE	TRUE
cg06307169	0.0549	0.0109	Glycemic index (normal weight)	0.0182	0.0091	0.0471	Glycemic index (overweight/obese)	0.0108	0.0072	0.1349	Glycemic index (whole group)	TRUE	TRUE
cg06311862	0.0092	0.0021	Glycemic index (normal weight)	0.0013	0.0015	0.1429	Glycemic index (overweight/obese)	0.0028	0.0013	0.0409	Glycemic index (whole group)	TRUE	TRUE
cg06337940	0.0555	0.0124	Glycemic index (normal weight)	-0.000	0.0126	0.9786	Glycemic index (overweight/obese)	0.0092	0.0095	0.3344	Glycemic index (whole group)	FALSE	TRUE
cg06433421	0.1828	0.0396	Glycemic index (overweight/obese)	-0.030	0.0343	0.3749	Glycemic index (normal weight)	0.0338	0.0251	0.1282	Glycemic index (whole group)	FALSE	FALSE
cg06452044	-0.021	0.0084	Glycemic index (normal weight)	-0.0076	0.0050	0.0265	Glycemic index (overweight/obese)	-0.007	0.0045	0.8684	Glycemic index (whole group)	FALSE	FALSE
cg06510234	-0.052	0.0117	Glycemic index (normal weight)	-0.001	0.0077	0.8389	Glycemic index (overweight/obese)	-0.009	0.0061	0.1177	Glycemic index (whole group)	TRUE	TRUE
cg06540283	-0.006	0.0015	Glycemic load (overweight/obese)	-0.000	0.0010	0.4070	Glycemic load (normal weight)	-0.001	0.0008	0.0497	Glycemic load (whole group)	TRUE	TRUE
cg06602723	-0.044	0.0096	Glycemic load (overweight/obese)	-0.003	0.0094	0.4713	Glycemic load (normal weight)	-0.015	0.0073	0.0388	Glycemic load (whole group)	TRUE	TRUE
cg06632210	0.0170	0.0055	Glycemic index (normal weight)	-0.002	0.0056	0.4140	Glycemic index (overweight/obese)	0.0005	0.0040	0.1844	Glycemic index (whole group)	FALSE	FALSE
cg06655190	0.0252	0.0047	Glycemic load (normal weight)	0.0125	0.0048	0.0099	Glycemic load (overweight/obese)	0.0108	0.0036	0.0029	Glycemic load (whole group)	TRUE	TRUE
cg06715661	-0.015	0.0033	Glycemic load (overweight/obese)	-0.000	0.0018	0.7384	Glycemic load (normal weight)	-0.002	0.0016	0.1854	Glycemic load (whole group)	TRUE	TRUE
cg06870704	0.0080	0.0015	Glycemic load (overweight/obese)	0.0003	0.0015	0.7558	Glycemic load (normal weight)	0.000	0.0009	0.0237	Glycemic load (whole group)	TRUE	TRUE
cg06913166	0.0142	0.0030	Glycemic load (overweight/obese)	0.0001	0.0017	0.0799	Glycemic load (normal weight)	0.0005	0.0015	0.7459	Glycemic load (whole group)	FALSE	TRUE
cg06950364	0.1775	0.0373	Glycemic index (overweight/obese)	-0.024	0.0295	0.3988	Glycemic index (normal weight)	0.0122	0.0246	0.6193	Glycemic index (whole group)	FALSE	TRUE
cg07016556	0.0235	0.0052	Glycemic index (normal weight)	0.0102	0.0048	0.0447	Glycemic index (overweight/obese)	0.0126	0.0039	0.0012	Glycemic index (whole group)	TRUE	TRUE
cg07040338	-0.043	0.0078	Glycemic load (overweight/obese)	-0.000	0.0078	0.0059	Glycemic load (normal weight)	-0.004	0.0049	0.1205	Glycemic load (whole group)	FALSE	TRUE
cg07089275	0.0391	0.0079	Glycemic load (overweight/obese)	0.0030	0.0044	0.6386	Glycemic load (normal weight)	0.0066	0.0037	0.0739	Glycemic load (whole group)	TRUE	TRUE
cg07138414	-0.084	0.0174	Glycemic load (overweight/obese)	0.0081	0.0181	0.6513	Glycemic load (normal weight)	-0.014	0.0126	0.2393	Glycemic load (whole group)	FALSE	FALSE
cg07151406	0.4022	0.0609	Glycemic load (overweight/obese)	-0.001	0.0562	0.9797	Glycemic load (normal weight)	0.0357	0.0484	0.4607	Glycemic load (whole group)	FALSE	TRUE
cg07196761	0.0442	0.0089	Glycemic index (overweight/obese)	-0.002	0.0063	0.7095	Glycemic index (normal weight)	0.0070	0.0051	0.1728	Glycemic index (whole group)	FALSE	TRUE
cg07241220	-0.361	0.0700	Glycemic index (overweight/obese)	-0.033	0.0662	0.6102	Glycemic index (normal weight)	-0.109	0.0567	0.0530	Glycemic index (whole group)	TRUE	TRUE
cg07345108	0.0175	0.0039	Glycemic index (normal weight)	0.0020	0.0034	0.5632	Glycemic index (overweight/obese)	0.0058	0.0025	0.0218	Glycemic index (whole group)	TRUE	TRUE
cg07406217	-0.010	0.0024	Glycemic load (overweight/obese)	-0.000	0.0015	0.6350	Glycemic load (normal weight)	-0.002	0.0013	0.0511	Glycemic load (whole group)	TRUE	TRUE
cg07455279	-0.045	0.0099	Glycemic load (overweight/obese)	0.0077	0.0082	0.3469	Glycemic load (normal weight)	-0.005	0.0070	0.4450	Glycemic load (whole group)	FALSE	FALSE
cg07456387	-0.203	0.0428	Glycemic load (overweight/obese)	-0.051	0.0620	0.4080	Glycemic load (normal weight)	-0.080	0.0351	0.0226	Glycemic load (whole group)	TRUE	TRUE
cg07513425	-0.131	0.0252	Glycemic load (overweight/obese)	-0.031	0.0173	0.8990	Glycemic load (normal weight)	-0.078	0.0207	0.0001	Glycemic load (whole group)	TRUE	TRUE
cg07562888	-0.013	0.0029	Glycemic index (overweight/obese)	0.000	0.0020	0.1179	Glycemic index (normal weight)	-0.001	0.0016	0.4020	Glycemic index (whole group)	FALSE	FALSE
cg07589563	0.0070	0.0014	Glycemic load (overweight/obese)	-0.001	0.0009	0.2669	Glycemic load (normal weight)	-0.0002	0.0008	0.7350	Glycemic load (whole group)	FALSE	FALSE
cg07723258	-0.019	0.0031	Glycemic load (overweight/obese)	0.0023	0.0029	0.4224	Glycemic load (normal weight)	-0.002	0.0024	0.3979	Glycemic load (whole group)	FALSE	FALSE
cg07739369	0.0218	0.0046	Glycemic load (overweight/obese)	-0.005	0.0035	0.0983	Glycemic load (normal weight)	0.0001	0.0030	0.9695	Glycemic load (whole group)	FALSE	FALSE
cg07777964	0.0714	0.0160	Glycemic load (overweight/obese)	-0.014	0.0145	0.3152	Glycemic load (normal weight)	0.0130	0.0109	0.2342	Glycemic load (whole group)	FALSE	TRUE
cg07908697	0.0128	0.0029	Glycemic index (normal weight)	0.0018	0.0020	0.1703	Glycemic index (overweight/obese)	0.0020	0.0019	0.2859	Glycemic index (whole group)	TRUE	TRUE
cg07944721	-0.030	0.0068	Glycemic index (normal weight)	-0.001	0.0052	0.1724	Glycemic index (overweight/obese)	-0.005	0.0038	0.1518	Glycemic index (whole group)	TRUE	TRUE
cg07970823	0.2561	0.0549	Glycemic load (overweight/obese)	-0.025	0.0521	0.6254	Glycemic load (normal weight)	0.1129	0.0379	0.0029	Glycemic load (whole group)	FALSE	FALSE
cg07980773	0.1945	0.0359	Glycemic load (normal weight)	-0.003	0.0475	0.9456	Glycemic load (overweight/obese)	0.0650	0.0305	0.0331	Glycemic load (whole group)	FALSE	FALSE
cg08036104	0.1141	0.0229	Glycemic load (overweight/obese)	0.0452	0.0254	0.0796	Glycemic load (normal weight)	0.0345	0.0176	0.6095	Glycemic load (whole group)	TRUE	TRUE
cg08042492	-0.067	0.0127	Glycemic load (overweight/obese)	-0.019	0.0137	0.1491	Glycemic load (normal weight)	-0.021	0.0105	0.0331	Glycemic load (whole group)	TRUE	TRUE
cg08121652	0.0353	0.0079	Glycemic index (overweight/obese)	-0.000	0.0049	0.8770	Glycemic index (normal weight)	0.0041	0.0041	0.6056	Glycemic index (whole group)	FALSE	FALSE
cg08128087	0.1123	0.0248	Glycemic index (overweight/obese)	0.0132	0.0223	0.5530	Glycemic index (normal weight)	0.0166	0.0184	0.3663	Glycemic index (whole group)	TRUE	TRUE
cg08158042	0.1079	0.0242	Glycemic index (overweight/obese)	-0.033	0.0205	0.1020	Glycemic index (normal weight)	0.0087	0.0158	0.5814	Glycemic index (whole group)	FALSE	FALSE
cg08169770	0.0755	0.0168	Glycemic load (overweight/obese)	-0.002	0.0139	0.8487	Glycemic load (normal weight)	0.0109	0.0108	0.1154	Glycemic load (whole group)	FALSE	FALSE
cg08161480	0.0193	0.0044	Glycemic load (overweight/obese)	-0.001	0.0038	0.7085	Glycemic load (normal weight)	0.0028	0.0033	0.3937	Glycemic load (

cg0266287	0.0247	0.0056	Glycemic load (overweight/obese)	0.0008	0.0031	0.7830	Glycemic load (normal weight)	0.0039	0.0027	0.1532	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg0277575	0.0211	0.0042	Glycemic load (overweight/obese)	0.0014	0.0029	0.6139	Glycemic load (normal weight)	0.0022	0.0025	0.1747	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg0911240	0.0051	0.0010	Glycemic load (overweight/obese)	0.0002	0.0007	0.3114	Glycemic load (normal weight)	0.0011	0.0004	0.1266	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg0936910	0.0810	0.0168	Glycemic load (overweight/obese)	0.0048	0.0152	0.7496	Glycemic load (normal weight)	0.0258	0.0130	0.0319	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg0943728	0.0189	0.0043	Glycemic index (overweight/obese)	-0.002	0.0033	0.5007	Glycemic index (normal weight)	0.0013	0.0027	0.6189	Glycemic index (whole group)	FALSE	TRUE	FALSE
cg0941273	0.0116	0.0025	Glycemic load (overweight/obese)	-0.009	0.0020	0.5147	Glycemic load (normal weight)	0.0019	0.0019	0.6091	Glycemic load (whole group)	FALSE	TRUE	FALSE
cg09417745	0.0102	0.0023	Glycemic load (overweight/obese)	0.0002	0.0021	0.9021	Glycemic load (normal weight)	0.0019	0.0017	0.2570	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg09415668	-0.041	0.0070	Glycemic index (overweight/obese)	0.0020	0.0060	0.7357	Glycemic index (normal weight)	-0.008	0.0046	0.0620	Glycemic index (whole group)	FALSE	TRUE	FALSE
cg09416502	0.0113	0.0024	Glycemic load (overweight/obese)	0.0014	0.0021	0.5143	Glycemic load (normal weight)	0.0032	0.0016	0.0512	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg0949610	0.0225	0.0050	Glycemic index (overweight/obese)	0.0017	0.0040	0.3572	Glycemic index (normal weight)	0.0060	0.0031	0.0549	Glycemic index (whole group)	TRUE	TRUE	TRUE
cg09628931	0.0102	0.0023	Glycemic load (overweight/obese)	0.0006	0.0012	0.6128	Glycemic load (normal weight)	0.0017	0.0010	0.1001	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg09697644	-0.044	0.0087	Glycemic load (overweight/obese)	-0.000	0.0055	0.9041	Glycemic load (normal weight)	-0.006	0.0048	0.1698	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg09728927	0.0091	0.0012	Glycemic load (overweight/obese)	0.0004	0.0010	0.6944	Glycemic load (normal weight)	0.0013	0.0008	0.1117	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg09758167	-0.018	0.0040	Glycemic load (overweight/obese)	0.0039	0.0017	0.0025	Glycemic load (normal weight)	0.0009	0.0016	0.3550	Glycemic load (whole group)	FALSE	TRUE	FALSE
cg09854726	0.1301	0.0260	Glycemic load (overweight/obese)	0.0086	0.0231	0.7095	Glycemic load (normal weight)	0.0298	0.0192	0.1201	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg09863138	0.0054	0.0012	Glycemic load (overweight/obese)	0.0002	0.0007	0.7345	Glycemic load (normal weight)	0.0004	0.0005	0.4708	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg09870200	-0.051	0.0057	Glycemic index (overweight/obese)	-0.001	0.0074	0.3539	Glycemic index (normal weight)	-0.008	0.0059	0.1356	Glycemic index (whole group)	TRUE	TRUE	TRUE
cg10138206	-0.141	0.0314	Glycemic load (overweight/obese)	-0.027	0.0286	0.3287	Glycemic load (normal weight)	-0.047	0.0216	0.0294	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg10196042	0.0239	0.0050	Glycemic index (overweight/obese)	-0.001	0.0032	0.7109	Glycemic index (normal weight)	0.0028	0.0025	0.2618	Glycemic index (whole group)	FALSE	TRUE	FALSE
cg10226761	-0.164	0.0142	Glycemic load (overweight/obese)	-0.000	0.0230	0.9882	Glycemic load (normal weight)	-0.025	0.0191	0.1779	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg10304160	0.0911	0.0196	Glycemic load (overweight/obese)	0.0040	0.0197	0.8393	Glycemic load (normal weight)	0.0128	0.0151	0.1287	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg10341940	-0.007	0.0017	Glycemic load (overweight/obese)	-0.0003	0.0013	0.7764	Glycemic load (normal weight)	-0.000	0.0010	0.7161	Glycemic load (whole group)	FALSE	TRUE	FALSE
cg10343545	0.0161	0.0031	Glycemic index (normal weight)	0.0017	0.0017	0.3234	Glycemic index (overweight/obese)	0.0037	0.0015	0.0155	Glycemic index (whole group)	TRUE	TRUE	TRUE
cg10349674	0.4701	0.0394	Glycemic index (normal weight)	0.0020	0.1327	0.9078	Glycemic index (overweight/obese)	0.1227	0.0818	0.1680	Glycemic index (whole group)	TRUE	TRUE	TRUE
cg10389914	0.0078	0.0015	Glycemic load (overweight/obese)	0.0007	0.0011	0.3297	Glycemic load (normal weight)	0.0019	0.0010	0.0530	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg10402715	0.0921	0.0197	Glycemic load (overweight/obese)	-0.022	0.0162	0.1642	Glycemic load (normal weight)	0.0038	0.0137	0.7791	Glycemic load (whole group)	FALSE	TRUE	FALSE
cg10506615	0.3300	0.0576	Glycemic index (normal weight)	0.0064	0.0711	0.5276	Glycemic index (overweight/obese)	0.1535	0.0457	0.0007	Glycemic index (whole group)	TRUE	TRUE	TRUE
cg10636896	0.0843	0.0183	Glycemic index (obese)	-0.001	0.0168	0.9251	Glycemic index (normal weight)	0.0142	0.0138	0.3660	Glycemic index (whole group)	FALSE	TRUE	FALSE
cg10653506	-0.031	0.0072	Glycemic load (overweight/obese)	-9.06e-05	0.0035	0.9797	Glycemic load (normal weight)	-0.003	0.0031	0.3956	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg10672416	0.0190	0.0041	Glycemic index (normal weight)	0.0022	0.0027	0.4150	Glycemic index (overweight/obese)	0.0053	0.0021	0.0135	Glycemic index (whole group)	TRUE	TRUE	TRUE
cg10708645	-0.531	0.0978	Glycemic load (normal weight)	-0.002	0.0984	0.4938	Glycemic load (overweight/obese)	-0.004	0.0945	2.28e-05	Glycemic load (whole group)	FALSE	TRUE	FALSE
cg10878784	0.2030	0.0444	Glycemic load (overweight/obese)	0.0024	0.0233	0.4567	Glycemic load (normal weight)	0.0309	0.0264	0.2417	Glycemic load (whole group)	FALSE	TRUE	FALSE
cg11050338	-0.010	0.0022	Glycemic index (normal weight)	-0.000	0.0014	0.7618	Glycemic index (overweight/obese)	-0.001	0.0011	0.1768	Glycemic index (whole group)	TRUE	TRUE	TRUE
cg11116798	-0.039	0.0085	Glycemic index (overweight/obese)	0.0071	0.0041	0.0875	Glycemic index (normal weight)	-0.005	0.0036	0.1566	Glycemic index (whole group)	FALSE	TRUE	FALSE
cg11120516	-0.0017	0.0005	Glycemic load (normal weight)	-0.001	0.0015	0.9421	Glycemic load (overweight/obese)	0.0016	0.0005	0.0011	Glycemic load (whole group)	FALSE	TRUE	FALSE
cg11217901	-0.554	0.1192	Glycemic load (overweight/obese)	-0.061	0.1529	0.6873	Glycemic load (normal weight)	-0.083	0.1006	0.4067	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg11380667	-0.027	0.0061	Glycemic load (overweight/obese)	0.0025	0.0031	0.8101	Glycemic load (normal weight)	-0.003	0.0027	0.2645	Glycemic load (whole group)	FALSE	TRUE	FALSE
cg11544106	0.0317	0.0081	Glycemic load (overweight/obese)	0.0013	0.0053	0.0839	Glycemic load (normal weight)	0.0046	0.0046	0.1515	Glycemic load (whole group)	FALSE	TRUE	FALSE
cg11564411	0.1810	0.0389	Glycemic load (overweight/obese)	0.0212	0.0061	0.0279	Glycemic load (normal weight)	0.0281	0.0343	0.0227	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg11613450	-0.041	0.0097	Glycemic load (overweight/obese)	-6.54e-05	0.0052	0.9900	Glycemic load (normal weight)	-0.006	0.0043	0.1107	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg11623578	0.0105	0.0021	Glycemic index (overweight/obese)	-0.002	0.0015	0.1360	Glycemic index (normal weight)	-0.008	0.0012	0.4848	Glycemic index (whole group)	FALSE	TRUE	FALSE
cg11647944	0.0081	0.0018	Glycemic load (normal weight)	0.0009	0.0009	0.0009	Glycemic load (overweight/obese)	0.0009	0.0008	0.2010	Glycemic load (whole group)	FALSE	TRUE	FALSE
cg11722711	0.0176	0.0034	Glycemic index (normal weight)	-0.001	0.0014	0.4804	Glycemic index (overweight/obese)	0.0006	0.0014	0.6603	Glycemic index (whole group)	FALSE	TRUE	FALSE
cg11751808	0.0132	0.0023	Glycemic load (overweight/obese)	-0.000	0.0012	0.6807	Glycemic load (normal weight)	0.0008	0.0011	0.4623	Glycemic load (whole group)	FALSE	TRUE	FALSE
cg11788928	0.0131	0.0029	Glycemic load (overweight/obese)	0.0002	0.0016	0.8840	Glycemic load (normal weight)	0.0012	0.0015	0.4231	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg11792226	-0.0107	0.0017	Glycemic load (overweight/obese)	-0.001	0.0014	0.0107	Glycemic load (normal weight)	-0.001	0.0011	0.1421	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg11893951	-0.200	0.0405	Glycemic load (overweight/obese)	-0.049	0.0356	0.1638	Glycemic load (normal weight)	-0.097	0.0263	0.0002	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg12022532	-0.198	0.0395	Glycemic index (normal weight)	-0.043	0.0434	0.3171	Glycemic index (overweight/obese)	-0.065	0.0289	0.0239	Glycemic index (whole group)	TRUE	TRUE	TRUE
cg12055844	0.0524	0.0115	Glycemic index (overweight/obese)	0.0018	0.0118	0.1469	Glycemic index (normal weight)	0.0103	0.0094	0.1784	Glycemic index (whole group)	FALSE	TRUE	FALSE
cg12133283	0.2592	0.0517	Glycemic load (overweight/obese)	0.0101	0.0872	0.0973	Glycemic load (normal weight)	0.0367	0.0513	0.4742	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg12463578	-0.061	0.0135	Glycemic index (normal weight)	0.0270	0.0121	0.0258	Glycemic index (overweight/obese)	0.0079	0.0098	0.4195	Glycemic index (whole group)	FALSE	TRUE	FALSE
cg12487466	0.0308	0.0065	Glycemic index (normal weight)	-0.007	0.0045	0.1051	Glycemic index (overweight/obese)	-0.0004	0.0036	0.3109	Glycemic index (whole group)	FALSE	TRUE	FALSE
cg12571155	-0.129	0.0135	Glycemic load (overweight/obese)	-0.082	0.0172	0.7886	Glycemic load (normal weight)	-0.128	0.0242	0.0501	Glycemic load (whole group)	FALSE	TRUE	FALSE
cg12625126	-0.399	0.0638	Glycemic index (normal weight)	-0.101	0.0464	0.0291	Glycemic index (overweight/obese)	-0.128	0.0351	0.0002	Glycemic index (whole group)	TRUE	TRUE	TRUE
cg12652118	-0.159	0.0345	Glycemic index (overweight/obese)	-0.028	0.0342	0.4116	Glycemic index (normal weight)	-0.080	0.0239	0.0008	Glycemic index (whole group)	TRUE	TRUE	TRUE
cg12723234	-0.073	0.0143	Glycemic index (normal weight)	0.0003	0.0189	0.9849	Glycemic index (overweight/obese)	-0.038	0.0106	0.0001	Glycemic index (whole group)	FALSE	TRUE	FALSE
cg12736602	-0.084	0.0179	Glycemic load (overweight/obese)	-0.004	0.0177	0.8050	Glycemic load (normal weight)	-0.034	0.0110	0.0016	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg12757684	0.0164	0.0033	Glycemic index (normal weight)	0.0010	0.0037	0.7899	Glycemic index (overweight/obese)	0.0031	0.0026	0.2430	Glycemic index (whole group)	TRUE	TRUE	TRUE
cg12787530	0.0126	0.0024	Glycemic index (overweight/obese)	-0.001	0.0017	0.4331	Glycemic index (normal weight)	0.0022	0.0014	0.1193	Glycemic index (whole group)	FALSE	TRUE	FALSE
cg12807668	0.0022	0.0040	Glycemic load (overweight/obese)	0.0043	0.0023	0.1929	Glycemic load (normal weight)	0.0036	0.0028	0.1994	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg12832555	0.1104	0.0228	Glycemic index (normal weight)	0.028	0.0288	0.3220	Glycemic index (overweight/obese)	-0.001	0.0243	0.9642	Glycemic index (whole group)	FALSE	TRUE	FALSE
cg12884719	0.3251	0.0643	Glycemic index (overweight/obese)	0.0074	0.1141	0.9482	Glycemic index (normal weight)	0.0862	0.0611	1.583	Glycemic index (whole group)	TRUE	TRUE	TRUE
cg13011069	0.0078	0.0015	Glycemic load (overweight/obese)	0.0057	0.0037	0.1249	Glycemic load (normal weight)	0.0066	0.0013	1.99e-06	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg13069970	0.0380	0.0048	Glycemic index (overweight/obese)	-0.000	0.0036	0.8302	Glycemic index (normal weight)	0.0034	0.0029	0.2532	Glycemic index (whole group)	FALSE	TRUE	FALSE
cg13117164	-0.054	0.0122	Glycemic load (overweight/obese)	0.0084	0.0089	0.3425	Glycemic load (normal weight)	-0.007	0.0072	0.2784	Glycemic load (whole group)	FALSE	TRUE	FALSE
cg13210655	-0.057	0.0115	Glycemic index (overweight/obese)	-0.004	0.0118	0.0643	Glycemic index (normal weight)	-0.026	0.0084	0.0015	Glycemic index (whole group)	TRUE	TRUE	TRUE
cg13217654	0.0298	0.0060	Glycemic load (overweight/obese)	0.007	0.0043	0.1029	Glycemic load (normal weight)	0.0007	0.0039	0.8409	Glycemic load (whole group)	FALSE	TRUE	FALSE
cg13321152	0.0222	0.0051	Glycemic load (overweight/obese)	0.0159	0.0070	0.0239	Glycemic load (normal weight)	0.0192	0.0045	2.82e-05	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg13412040	-0.045	0.0097	Glycemic index (overweight/obese)	-0.013	0.0095	0.1559	Glycemic index (normal weight)	-0.027	0.0075	0.0003	Glycemic index (whole group)	TRUE	TRUE	TRUE
cg13422870	-0.097	0.0179	Glycemic index (normal weight)	-0.007	0.0137	0.5710	Glycemic index (overweight/obese)	-0.020	0.0116	0.0767	Glycemic index (whole group)	TRUE	TRUE	TRUE
cg13456980	-0.041	0.0086	Glycemic index (overweight/obese)	0.0168	0.0055	0.0044	Glycemic index (normal weight)	0.0005	0.0000	0.9139	Glycemic index (whole group)	FALSE	TRUE	FALSE
cg13551783	0.0306	0.0062	Glycemic load (overweight/obese)	-0.005	0.0046	0.1114	Glycemic load (normal weight)	0.0041	0.0034	0.2322	Glycemic load (whole group)	FALSE	TRUE	FALSE
cg13679804	0.1575	0.0334	Glycemic load (overweight/obese)	0.0243	0.0454	0.5921	Glycemic load (normal weight)	0.0622	0.0393	0.0402	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg13679817	0.1127	0.0210	Glycemic index (overweight/obese)	0.0017	0.0213	0.2090	Glycemic index (normal weight)	0.0113	0.0137	0.4200	Glycemic index (whole group)	FALSE	TRUE	FALSE
cg13689560	-0.018	0.0040	Glycemic index (overweight/obese)	-0.005	0.0032	0.0865	Glycemic index (normal weight)	-0.007	0.0038	0.0056	Glycemic index (whole group)	TRUE	TRUE	TRUE
cg13848802	0.0107	0.0020	Glycemic index (overweight/obese)	6.59e-06	0.0015	0.9965	Glycemic index (normal weight)	0.0010	0.0013	0.4154	Glycemic index (whole group)			

cat15162330	-0.006	0.0015	Glycemic load (overweight/obese)	0.0011	0.0013	0.3668	Glycemic load (normal weight)	-0.001	0.0010	0.2613	Glycemic load (whole group)	FALSE	TRUE	FALSE
cat15196147	-0.008	0.0018	Glycemic load (overweight/obese)	0.0012	0.0015	0.4138	Glycemic load (normal weight)	-0.009	0.0011	0.4090	Glycemic load (whole group)	FALSE	TRUE	FALSE
cat15248875	-0.1	0.291	Glycemic load (overweight/obese)	0.0449	0.0673	0.6649	Glycemic load (normal weight)	-0.042	0.084	0.0300	Glycemic load (whole group)	FALSE	TRUE	FALSE
cat15281496	-0.011	0.0024	Glycemic load (overweight/obese)	0.000	0.0020	0.6438	Glycemic load (normal weight)	-0.003	0.0015	0.0352	Glycemic load (whole group)	TRUE	TRUE	TRUE
cat15282031	-0.074	0.0150	Glycemic load (overweight/obese)	-0.021	0.0242	0.4782	Glycemic load (normal weight)	-0.051	0.0125	4.20e-05	Glycemic load (whole group)	TRUE	TRUE	TRUE
cat15309913	-0.0576	0.0126	Glycemic index (overweight/obese)	0.0058	0.0087	0.5047	Glycemic index (normal weight)	-0.027	0.0087	0.0231	Glycemic index (whole group)	TRUE	TRUE	TRUE
cat15415571	-0.1064	0.0233	Glycemic index (overweight/obese)	-0.015	0.0220	0.4888	Glycemic index (normal weight)	-0.036	0.0167	0.4141	Glycemic index (whole group)	FALSE	TRUE	FALSE
cat15432367	-0.1350	0.0293	Glycemic load (overweight/obese)	-0.009	0.0225	0.6793	Glycemic load (normal weight)	-0.032	0.0179	0.0637	Glycemic load (whole group)	FALSE	TRUE	FALSE
cat15449979	-0.1165	0.0257	Glycemic index (overweight/obese)	-0.002	0.0175	0.9048	Glycemic index (normal weight)	-0.0162	0.0143	0.2566	Glycemic index (whole group)	FALSE	TRUE	FALSE
cat15497249	-0.0069	0.0013	Glycemic index (overweight/obese)	-0.009	0.0007	0.3389	Glycemic index (normal weight)	-0.004	0.0006	0.0007	Glycemic index (whole group)	TRUE	TRUE	TRUE
cat15506702	-0.0943	0.0174	Glycemic load (overweight/obese)	-0.007	0.0246	0.7757	Glycemic load (normal weight)	-0.039	0.0151	0.0253	Glycemic load (whole group)	FALSE	TRUE	FALSE
cat15589104	-0.2672	0.0529	Glycemic index (normal weight)	-0.015	0.0588	0.7915	Glycemic index (overweight/obese)	0.0042	0.0361	0.9056	Glycemic index (whole group)	FALSE	TRUE	FALSE
cat15645485	-0.137	0.0283	Glycemic load (overweight/obese)	-0.020	0.0288	0.7499	Glycemic load (normal weight)	-0.041	0.0224	0.8622	Glycemic load (whole group)	TRUE	TRUE	TRUE
cat15676371	-0.0055	0.0012	Glycemic load (overweight/obese)	-0.000	0.0007	0.4246	Glycemic load (normal weight)	-0.000	0.0006	0.8999	Glycemic load (whole group)	FALSE	TRUE	FALSE
cat15713801	-0.005	0.0011	Glycemic load (overweight/obese)	0.0002	0.0007	0.7488	Glycemic load (normal weight)	-0.0003	0.0006	0.6364	Glycemic load (whole group)	FALSE	TRUE	FALSE
cat15735129	-0.1637	0.0355	Glycemic index (overweight/obese)	-0.015	0.0213	0.4602	Glycemic index (normal weight)	-0.027	0.0179	0.4764	Glycemic index (whole group)	FALSE	TRUE	FALSE
cat15737559	-0.035	0.0075	Glycemic index (overweight/obese)	-0.003	0.0089	0.7380	Glycemic index (normal weight)	-0.011	0.0090	0.5985	Glycemic index (whole group)	TRUE	TRUE	TRUE
cat15892776	-0.101	0.0203	Glycemic load (overweight/obese)	-0.001	0.0173	0.9394	Glycemic load (normal weight)	-0.034	0.0135	0.0106	Glycemic load (whole group)	TRUE	TRUE	TRUE
cat16049584	-0.0074	0.0016	Glycemic load (overweight/obese)	0.0010	0.0008	0.2174	Glycemic load (normal weight)	0.0021	0.0006	0.0009	Glycemic load (whole group)	TRUE	TRUE	TRUE
cat16051296	-0.0289	-0.0018	Glycemic load (overweight/obese)	-0.000	0.0019	0.8054	Glycemic load (normal weight)	0.0009	0.0014	0.4920	Glycemic load (whole group)	FALSE	TRUE	FALSE
cat16096217	-0.0252	0.0053	Glycemic index (overweight/obese)	-0.003	0.0043	0.4403	Glycemic index (normal weight)	-0.007	0.0013	0.0065	Glycemic index (whole group)	TRUE	TRUE	TRUE
cat16096180	-0.2483	-0.0550	Glycemic load (overweight/obese)	-0.065	0.0431	0.1284	Glycemic load (normal weight)	-0.0756	0.0348	0.0300	Glycemic load (whole group)	FALSE	TRUE	FALSE
cat16097041	-0.0203	0.0046	Glycemic load (overweight/obese)	0.0010	0.0039	0.7943	Glycemic load (normal weight)	0.0022	0.0031	0.4646	Glycemic load (whole group)	TRUE	TRUE	TRUE
cat161034509	-0.0394	0.0083	Glycemic load (overweight/obese)	0.0050	0.0047	0.7789	Glycemic load (normal weight)	0.0074	0.0042	0.0811	Glycemic load (whole group)	TRUE	TRUE	TRUE
cat16220931	-0.0337	0.0077	Glycemic load (overweight/obese)	-0.0053	0.0063	0.3974	Glycemic load (normal weight)	-0.0087	0.0053	0.1027	Glycemic load (whole group)	TRUE	TRUE	TRUE
cat16279786	-0.0238	0.0052	Glycemic load (overweight/obese)	0.0083	0.0042	0.0495	Glycemic load (normal weight)	0.0091	0.0034	0.0082	Glycemic load (whole group)	TRUE	TRUE	TRUE
cat16350349	-0.3052	0.0669	Glycemic index (normal weight)	0.1141	0.0823	0.1659	Glycemic index (overweight/obese)	0.0900	0.0530	0.0895	Glycemic index (whole group)	TRUE	TRUE	TRUE
cat16451865	-0.0277	0.0049	Glycemic index (overweight/obese)	-0.009	0.0039	0.9541	Glycemic index (normal weight)	-0.003	0.0002	0.0001	Glycemic index (whole group)	TRUE	TRUE	TRUE
cat16533029	-0.2583	0.0541	Glycemic index (normal weight)	-0.069	0.0715	0.3279	Glycemic index (overweight/obese)	0.0610	0.0426	0.1525	Glycemic index (whole group)	TRUE	TRUE	TRUE
cat16555188	-0.021	0.0047	Glycemic index (overweight/obese)	0.0042	0.0031	0.1680	Glycemic index (normal weight)	-0.0009	0.0025	0.7188	Glycemic index (whole group)	FALSE	TRUE	FALSE
cat16563171	-0.083	0.0170	Glycemic load (overweight/obese)	-0.018	0.0187	0.5178	Glycemic load (normal weight)	-0.027	0.0141	0.0000	Glycemic load (whole group)	TRUE	TRUE	TRUE
cat16572044	-0.0014	0.0014	Glycemic index (normal weight)	-0.0011	0.0011	0.2800	Glycemic index (overweight/obese)	-7.100	0.0009	0.9419	Glycemic index (whole group)	FALSE	TRUE	FALSE
cat16583193	-0.004	0.0010	Glycemic load (overweight/obese)	0.0009	0.0005	0.0710	Glycemic load (normal weight)	-0.0002	0.0004	0.6138	Glycemic load (whole group)	FALSE	FALSE	FALSE
cat16602747	-0.0165	0.0038	Glycemic load (overweight/obese)	0.0013	0.0033	0.6862	Glycemic load (normal weight)	0.0041	0.0024	0.0986	Glycemic load (whole group)	TRUE	TRUE	TRUE
cat16622906	-0.049	-0.0073	Glycemic index (overweight/obese)	-0.008	0.0064	0.1298	Glycemic index (normal weight)	-0.011	0.0013	0.2138	Glycemic index (whole group)	TRUE	TRUE	TRUE
cat16644477	-0.101	0.0196	Glycemic index (normal weight)	-0.007	0.0134	0.5958	Glycemic index (overweight/obese)	-0.024	0.0111	0.0061	Glycemic index (whole group)	TRUE	TRUE	TRUE
cat16645453	-0.0297	0.0067	Glycemic load (overweight/obese)	-0.001	0.0051	0.7172	Glycemic load (normal weight)	0.0113	0.0042	0.0022	Glycemic load (whole group)	FALSE	TRUE	FALSE
cat16655805	-0.0682	0.0147	Glycemic load (overweight/obese)	-0.0993	0.0143	0.5146	Glycemic load (normal weight)	-0.0220	0.0118	0.8630	Glycemic load (whole group)	TRUE	TRUE	TRUE
cat16661099	-0.081	0.0161	Glycemic load (overweight/obese)	-0.0135	0.0111	0.2248	Glycemic load (normal weight)	-0.009	0.0095	0.3531	Glycemic load (whole group)	FALSE	TRUE	FALSE
cat16681085	-0.007	0.0015	Glycemic load (overweight/obese)	0.0016	0.0008	0.0472	Glycemic load (normal weight)	0.0006	0.0007	0.3634	Glycemic load (whole group)	FALSE	FALSE	FALSE
cat16696646	-0.161	0.0354	Glycemic index (overweight/obese)	-0.1150	0.0489	0.0188	Glycemic index (normal weight)	-0.060	0.0246	0.0148	Glycemic index (whole group)	FALSE	TRUE	FALSE
cat1671186	-0.0051	0.0008	Glycemic index (overweight/obese)	-0.000	0.0005	0.0005	Glycemic index (normal weight)	-0.0002	0.0002	0.2773	Glycemic index (whole group)	FALSE	FALSE	FALSE
cat16735986	-0.0114	0.0026	Glycemic load (normal weight)	-0.004	0.0015	0.0057	Glycemic load (overweight/obese)	-0.001	0.0013	0.3846	Glycemic load (whole group)	FALSE	FALSE	FALSE
cat16747922	-0.0649	0.0147	Glycemic index (normal weight)	-0.0019	0.0088	0.8281	Glycemic index (overweight/obese)	0.0180	0.0077	0.0192	Glycemic index (whole group)	TRUE	TRUE	TRUE
cat16777780	-0.2169	0.0467	Glycemic index (overweight/obese)	0.0194	0.0472	0.6805	Glycemic index (normal weight)	0.0860	0.0331	0.0094	Glycemic index (whole group)	TRUE	TRUE	TRUE
cat16810217	-0.0860	0.019	Glycemic load (overweight/obese)	-0.001	0.0011	0.1153	Glycemic load (normal weight)	-7.564	0.0010	0.9432	Glycemic load (whole group)	FALSE	FALSE	FALSE
cat16883132	-0.007	0.0016	Glycemic index (overweight/obese)	-0.000	0.0013	0.4052	Glycemic index (normal weight)	-0.002	0.0009	0.0212	Glycemic index (whole group)	TRUE	TRUE	TRUE
cat16989844	-0.0116	0.0025	Glycemic index (normal weight)	-0.000	0.0012	0.5100	Glycemic index (overweight/obese)	0.0012	0.0011	0.2620	Glycemic index (whole group)	FALSE	TRUE	FALSE
cat17171913	-0.0145	0.0029	Glycemic index (overweight/obese)	0.0013	0.0021	0.5156	Glycemic index (normal weight)	0.0007	0.0013	0.3802	Glycemic index (whole group)	TRUE	TRUE	TRUE
cat17173584	-0.0144	0.0014	Glycemic load (overweight/obese)	-0.0002	0.0011	0.2800	Glycemic load (normal weight)	-0.0006	0.0016	0.6997	Glycemic load (whole group)	FALSE	TRUE	FALSE
cat17270519	-0.033	0.0063	Glycemic index (normal weight)	0.0049	0.0037	0.1934	Glycemic index (overweight/obese)	-0.002	0.0033	0.4794	Glycemic index (whole group)	FALSE	TRUE	FALSE
cat17282530	-0.222	0.0430	Glycemic load (overweight/obese)	-0.017	0.0552	0.5028	Glycemic load (normal weight)	-0.105	0.0328	0.0013	Glycemic load (whole group)	TRUE	TRUE	TRUE
cat17289863	-0.007	0.0012	Glycemic load (overweight/obese)	0.0045	0.0018	0.0058	Glycemic load (normal weight)	0.0012	0.0012	0.0012	Glycemic load (whole group)	FALSE	FALSE	FALSE
cat17378533	-0.015	0.0032	Glycemic load (overweight/obese)	-0.002	0.0022	0.2421	Glycemic load (normal weight)	-0.004	0.0018	0.0098	Glycemic load (whole group)	TRUE	TRUE	TRUE
cat17457637	-0.314	0.0642	Glycemic load (normal weight)	-0.022	0.0665	0.7322	Glycemic load (overweight/obese)	-0.043	0.0533	0.4114	Glycemic load (whole group)	TRUE	TRUE	TRUE
cat17566238	-0.0111	0.0026	Glycemic load (overweight/obese)	0.0021	0.0016	0.2091	Glycemic load (normal weight)	0.0036	0.0012	0.0041	Glycemic load (whole group)	TRUE	TRUE	TRUE
cat17600251	-0.1166	0.0222	Glycemic load (overweight/obese)	-0.0320	0.0012	0.0915	Glycemic load (normal weight)	-0.049	0.0144	0.7333	Glycemic load (whole group)	FALSE	TRUE	FALSE
cat17609802	-0.0186	0.0041	Glycemic load (overweight/obese)	-0.001	0.0022	0.5573	Glycemic load (normal weight)	0.0008	0.0019	0.6735	Glycemic load (whole group)	FALSE	TRUE	FALSE
cat17747781	-0.337	0.0595	Glycemic load (overweight/obese)	0.0146	0.0612	0.8105	Glycemic load (normal weight)	-0.077	0.0453	0.0881	Glycemic load (whole group)	FALSE	TRUE	FALSE
cat17811589	-0.0309	0.0066	Glycemic index (overweight/obese)	0.0016	0.0045	0.7200	Glycemic index (normal weight)	0.0052	0.0036	0.1548	Glycemic index (whole group)	TRUE	TRUE	TRUE
cat17820057	-0.361	0.0572	Glycemic index (overweight/obese)	-0.026	0.0589	0.6511	Glycemic index (normal weight)	-0.085	0.0459	0.0629	Glycemic index (whole group)	TRUE	TRUE	TRUE
cat17858316	-0.0062	0.0014	Glycemic load (overweight/obese)	-3.493	0.0008	0.9683	Glycemic load (normal weight)	0.0007	0.0007	0.3295	Glycemic load (whole group)	FALSE	TRUE	FALSE
cat17863776	-0.0080	0.0017	Glycemic load (overweight/obese)	-8.076	0.0018	0.9643	Glycemic load (normal weight)	0.0013	0.0014	0.3316	Glycemic load (whole group)	FALSE	TRUE	FALSE
cat18079823	-0.2121	0.0470	Glycemic load (overweight/obese)	-0.009	0.0441	0.8242	Glycemic load (normal weight)	0.0359	0.0340	0.2915	Glycemic load (whole group)	FALSE	TRUE	FALSE
cat18200800	-0.012	0.0026	Glycemic index (overweight/obese)	0.0022	0.0023	0.3529	Glycemic index (normal weight)	-0.0002	0.0018	0.9014	Glycemic index (whole group)	FALSE	TRUE	FALSE
cat18265311	-0.0085	0.0015	Glycemic index (overweight/obese)	-0.000	0.0010	0.4694	Glycemic index (normal weight)	0.0002	0.0009	0.7804	Glycemic index (whole group)	FALSE	TRUE	FALSE
cat18411811	-0.007	0.0011	Glycemic index (overweight/obese)	-0.001	0.0009	0.6465	Glycemic index (normal weight)	-0.003	0.0007	0.0059	Glycemic index (whole group)	TRUE	TRUE	TRUE
cat18503679	-0.0108	0.0023	Glycemic index (overweight/obese)	-0.0005	0.0009	0.5759	Glycemic index (normal weight)	0.0021	0.0009	0.0170	Glycemic index (whole group)	TRUE	TRUE	TRUE
cat18581746	-0.0276	0.0062	Glycemic load (overweight/obese)	-0.000	0.0057	0.9390	Glycemic load (normal weight)	0.0041	0.0049	0.4052	Glycemic load (whole group)	FALSE	TRUE	FALSE
cat18592561	-0.027	0.0052	Glycemic load (overweight/obese)	-0.004	0.0036	0.2678	Glycemic load (normal weight)	-0.008	0.0029	0.0042	Glycemic load (whole group)	TRUE	TRUE	TRUE
cat18610053	-0.0077	0.0013	Glycemic load (overweight/obese)	-0.001	0.0006	0.0054	Glycemic load (normal weight)	-0.0002	0.0005	0.0255	Glycemic load (whole group)	FALSE	FALSE	FALSE
cat18720125	-0.060	0.0112	Glycemic load (overweight/obese)	-0.013	0.0154	0.3905	Glycemic load (normal weight)	-0.037	0.0110	0.0007	Glycemic load (whole group)	TRUE	TRUE	TRUE
cat18816665	-0.010	0.0023	Glycemic load (overweight/obese)	0.0005	0.0014	0.7439	Glycemic load (normal weight)	-0.001	0.0012	0.5591	Glycemic load (whole group)	FALSE	TRUE	FALSE
cat18840037	-0.054	0.0102	Glycemic index (overweight/obese)	-0.007	0.0115	0.3379	Glycemic index (normal weight)	-0.009	0.0089	0.2705	Glycemic index (whole group)	TRUE	TRUE	TRUE
cat18859813	-0.0125	0.0025	Glycemic index (normal weight)	-0.001	0.0021	0.3622	Glycemic index (overweight/obese)	0.0017	0.0015	0.2601	Glycemic index (whole group)	FALSE	TRUE	FALSE
cat18949521	-0.0090	0.0015	Glycemic index (normal weight)	-0.000	0.0013	0.6865	Glycemic index (overweight/obese)	0.0003	0.0010	0.7663	Glycemic index (whole group)	FALSE	TRUE	FALSE
cat19004775	-0.0492	0.0111	Glycemic load (overweight/obese)	0.0039	0.0080	0.6230								

cg1989895	-0.138	0.0303	Glycemic load (overweight)/obese	-0.015	0.0566	0.7783	Glycemic load (normal weight)	-0.072	0.0254	0.0942	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg2095985	-0.003	0.0006	Glycemic load (overweight)/obese	0.0026	0.0013	0.0509	Glycemic load (normal weight)	-0.002	0.0006	0.20e-05	Glycemic load (whole group)	FALSE	TRUE	FALSE
cg20101413	0.1788	0.0003	Glycemic load (overweight)/obese	0.0050	0.0003	0.0509	Glycemic load (normal weight)	0.000	0.000	0.0514	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg2024287	0.0122	0.0025	Glycemic load (overweight)/obese	0.0034	0.0015	0.0272	Glycemic load (normal weight)	0.0040	0.0013	0.0028	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg2031944	-0.073	0.0160	Glycemic load (overweight)/obese	0.0009	0.0116	0.9335	Glycemic load (normal weight)	-0.014	0.0101	0.1412	Glycemic load (whole group)	FALSE	TRUE	FALSE
cg2054785	0.0551	0.0088	Glycemic load (overweight)/obese	-0.002	0.0002	0.4999	Glycemic load (normal weight)	-0.003	0.0005	0.0003	Glycemic load (whole group)	FALSE	TRUE	FALSE
cg20613160	0.0174	0.0034	Glycemic load (overweight)/obese	0.0018	0.0022	0.4140	Glycemic load (normal weight)	0.0039	0.0019	0.0378	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg20641660	0.0077	0.0014	Glycemic load (overweight)/obese	-0.000	0.0007	0.3073	Glycemic load (normal weight)	0.0001	0.0006	0.8248	Glycemic load (whole group)	FALSE	TRUE	FALSE
cg20715159	0.2458	0.0514	Glycemic load (overweight)/obese	0.0378	0.0633	0.5503	Glycemic load (normal weight)	0.1258	0.0350	0.0003	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg20775162	0.1932	0.0419	Glycemic load (overweight)/obese	-0.019	0.0332	0.5592	Glycemic load (normal weight)	0.0298	0.0301	0.1226	Glycemic load (whole group)	FALSE	TRUE	FALSE
cg20785459	-0.0133	0.0024	Glycemic load (overweight)/obese	-0.000	0.0016	0.6570	Glycemic load (normal weight)	0.0006	0.0013	0.6565	Glycemic load (whole group)	FALSE	TRUE	FALSE
cg20798124	0.0351	0.0071	Glycemic index (overweight)/obese	-0.001	0.0047	0.7163	Glycemic index (normal weight)	0.0018	0.0041	0.6502	Glycemic index (whole group)	FALSE	TRUE	FALSE
cg20885078	0.0235	0.0053	Glycemic index (overweight)/obese	-0.001	0.0050	0.8171	Glycemic index (normal weight)	0.0047	0.0036	0.3105	Glycemic index (whole group)	FALSE	TRUE	FALSE
cg20885621	0.1096	0.0117	Glycemic index (overweight)/obese	0.0131	0.0283	0.6425	Glycemic index (normal weight)	0.0065	0.0104	0.0596	Glycemic index (whole group)	TRUE	TRUE	TRUE
cg20926120	0.0065	0.0012	Glycemic index (overweight)/obese	0.0012	0.0008	0.1180	Glycemic index (normal weight)	0.0019	0.0006	0.0054	Glycemic index (whole group)	TRUE	TRUE	TRUE
cg20938391	-0.327	0.0697	Glycemic index (overweight)/obese	-0.166	0.0923	0.0719	Glycemic index (normal weight)	-0.172	0.0583	0.0031	Glycemic index (whole group)	TRUE	TRUE	TRUE
cg20945602	-0.020	0.0039	Glycemic index (overweight)/obese	0.018	0.0120	0.1232	Glycemic index (normal weight)	-0.019	0.0037	2.33e-07	Glycemic index (whole group)	TRUE	TRUE	TRUE
cg21000277	0.0149	0.0024	Glycemic index (overweight)/obese	-0.001	0.0027	0.5581	Glycemic index (normal weight)	0.0006	0.0016	0.7137	Glycemic index (whole group)	FALSE	TRUE	FALSE
cg21081175	0.0160	0.0032	Glycemic index (normal weight)	0.0031	0.0023	0.1882	Glycemic index (overweight)/obese	0.0046	0.0023	0.0467	Glycemic index (whole group)	TRUE	TRUE	TRUE
cg21155673	0.0320	0.0059	Glycemic load (overweight)/obese	-0.000	0.0080	0.9489	Glycemic load (normal weight)	0.0003	0.0060	0.9492	Glycemic load (whole group)	FALSE	TRUE	FALSE
cg21170324	0.0418	0.0096	Glycemic load (overweight)/obese	-0.001	0.0062	0.7526	Glycemic load (normal weight)	0.0063	0.0054	0.2408	Glycemic load (whole group)	FALSE	TRUE	FALSE
cg21189242	-0.050	0.0103	Glycemic load (overweight)/obese	-0.002	0.0151	0.8695	Glycemic load (normal weight)	-0.007	0.0083	0.3802	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg21248089	0.2139	0.0472	Glycemic load (overweight)/obese	-0.032	0.0671	0.6321	Glycemic load (normal weight)	0.1204	0.0387	0.0018	Glycemic load (whole group)	FALSE	TRUE	FALSE
cg21232819	0.0467	0.0102	Glycemic index (overweight)/obese	0.010	0.0118	0.3827	Glycemic index (normal weight)	0.0238	0.0080	0.0030	Glycemic index (whole group)	FALSE	TRUE	FALSE
cg21339736	0.0870	0.0193	Glycemic load (overweight)/obese	-0.020	0.0168	0.2291	Glycemic load (normal weight)	-0.001	0.0136	0.9367	Glycemic load (whole group)	FALSE	FALSE	FALSE
cg21420674	-0.146	0.0316	Glycemic load (overweight)/obese	0.0090	0.0321	0.7780	Glycemic load (normal weight)	-0.021	0.0236	0.3599	Glycemic load (whole group)	FALSE	TRUE	FALSE
cg21462596	0.0447	0.0100	Glycemic load (overweight)/obese	-0.009	0.0091	0.3096	Glycemic load (normal weight)	0.0057	0.0069	0.4109	Glycemic load (whole group)	FALSE	TRUE	FALSE
cg21463340	-0.244	0.0494	Glycemic load (overweight)/obese	-0.004	0.0460	0.4005	Glycemic load (normal weight)	-0.012	0.0412	0.1866	Glycemic load (whole group)	FALSE	TRUE	FALSE
cg21666867	-0.006	0.0013	Glycemic load (overweight)/obese	-0.004	0.0038	0.2043	Glycemic load (normal weight)	-0.005	0.0014	0.0003	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg21788902	0.0893	0.0177	Glycemic index (overweight)/obese	-0.005	0.0208	0.7916	Glycemic index (normal weight)	0.0066	0.0129	0.6086	Glycemic index (whole group)	FALSE	TRUE	FALSE
cg21792018	0.0086	0.0019	Glycemic index (overweight)/obese	-0.000	0.0009	0.7565	Glycemic index (normal weight)	0.0015	0.0009	0.0023	Glycemic index (whole group)	FALSE	TRUE	FALSE
cg21813747	-0.025	0.0068	Glycemic index (overweight)/obese	-0.003	0.0040	0.3343	Glycemic index (normal weight)	-0.008	0.0033	0.0083	Glycemic index (whole group)	TRUE	TRUE	TRUE
cg21895546	0.5461	0.0779	Glycemic index (normal weight)	-0.040	0.1470	0.7851	Glycemic index (overweight)/obese	0.0207	0.0986	0.8330	Glycemic index (whole group)	FALSE	TRUE	FALSE
cg21900799	-0.057	0.0118	Glycemic index (normal weight)	-0.005	0.0077	0.4717	Glycemic index (overweight)/obese	-0.016	0.0064	0.0303	Glycemic index (whole group)	TRUE	TRUE	TRUE
cg21981249	0.0411	0.0086	Glycemic load (overweight)/obese	0.0062	0.0062	0.3212	Glycemic load (normal weight)	0.0062	0.0068	0.0296	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg21964391	0.0058	0.0013	Glycemic load (overweight)/obese	0.0019	0.0012	0.1247	Glycemic load (normal weight)	0.0021	0.0010	0.0448	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg22066867	0.0167	0.0034	Glycemic index (overweight)/obese	0.0009	0.0020	0.6479	Glycemic index (normal weight)	0.0035	0.0017	0.0498	Glycemic index (whole group)	TRUE	TRUE	TRUE
cg22097891	0.1019	0.0226	Glycemic load (overweight)/obese	0.0122	0.0184	0.5077	Glycemic load (normal weight)	0.0412	0.0144	0.0043	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg22110973	-0.200	0.0451	Glycemic index (overweight)/obese	0.0048	0.0099	0.8099	Glycemic index (normal weight)	-0.031	0.0284	0.2623	Glycemic index (whole group)	FALSE	TRUE	FALSE
cg22138408	-0.037	0.0071	Glycemic load (overweight)/obese	-0.004	0.0102	0.9193	Glycemic load (normal weight)	-0.009	0.0067	0.1669	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg22248988	0.2063	0.0450	Glycemic load (overweight)/obese	-0.005	0.0339	0.9163	Glycemic load (normal weight)	0.0758	0.0367	0.0392	Glycemic load (whole group)	FALSE	TRUE	FALSE
cg22349310	-0.078	0.0140	Glycemic load (overweight)/obese	0.0149	0.0128	0.1329	Glycemic load (normal weight)	-0.021	0.0135	0.1143	Glycemic load (whole group)	FALSE	TRUE	FALSE
cg22460923	0.2324	0.0334	Glycemic load (overweight)/obese	0.0280	0.0413	0.4976	Glycemic load (normal weight)	0.0685	0.0264	0.0095	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg22465293	0.0285	0.0062	Glycemic index (overweight)/obese	0.0015	0.0036	0.6725	Glycemic index (normal weight)	0.0049	0.0033	0.1308	Glycemic index (whole group)	TRUE	TRUE	TRUE
cg22530061	0.0200	0.0043	Glycemic load (overweight)/obese	0.0003	0.0028	0.9550	Glycemic load (normal weight)	0.0016	0.0023	0.4936	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg2255440	0.0153	0.0030	Glycemic load (overweight)/obese	-0.001	0.0027	0.4747	Glycemic load (normal weight)	0.0007	0.0024	0.7543	Glycemic load (whole group)	FALSE	TRUE	FALSE
cg22565399	0.0058	0.0013	Glycemic index (normal weight)	0.0014	0.0007	0.6522	Glycemic index (overweight)/obese	0.0016	0.0006	0.0114	Glycemic index (whole group)	TRUE	TRUE	TRUE
cg22647970	-0.025	0.0054	Glycemic load (overweight)/obese	0.0064	0.0034	0.0550	Glycemic load (normal weight)	7.0882	0.0029	0.9810	Glycemic load (whole group)	FALSE	FALSE	FALSE
cg22681041	-0.048	0.0099	Glycemic load (overweight)/obese	-0.007	0.0101	0.0085	Glycemic load (normal weight)	-0.019	0.0149	0.0085	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg2287970	0.0202	0.0040	Glycemic load (overweight)/obese	0.0034	0.0025	0.3373	Glycemic load (normal weight)	0.0089	0.0033	0.0080	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg23021153	0.0157	0.0032	Glycemic load (overweight)/obese	-0.001	0.0018	0.3983	Glycemic load (normal weight)	0.0012	0.0018	0.4929	Glycemic load (whole group)	FALSE	TRUE	FALSE
cg23120601	-0.056	0.0119	Glycemic load (overweight)/obese	0.0068	0.0162	0.6746	Glycemic load (normal weight)	-0.094	0.0136	0.3024	Glycemic load (whole group)	FALSE	TRUE	FALSE
cg23229584	0.0470	0.0109	Glycemic load (overweight)/obese	0.0114	0.0232	0.0114	Glycemic load (normal weight)	0.0264	0.0072	0.0072	Glycemic load (whole group)	FALSE	TRUE	FALSE
cg23237607	-0.191	0.0391	Glycemic load (normal weight)	0.0386	0.0483	0.4242	Glycemic load (overweight)/obese	0.0237	0.0352	0.5000	Glycemic load (whole group)	FALSE	FALSE	FALSE
cg23239239	-0.067	0.0144	Glycemic index (overweight)/obese	0.0239	0.0115	0.0379	Glycemic index (normal weight)	0.0028	0.0097	0.7177	Glycemic index (whole group)	FALSE	FALSE	FALSE
cg23264059	-0.035	0.0099	Glycemic load (overweight)/obese	-0.005	0.0053	0.1366	Glycemic load (normal weight)	-0.004	0.0044	0.1143	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg23325278	-0.039	0.0092	Glycemic index (overweight)/obese	0.000	0.0060	0.8656	Glycemic index (normal weight)	-0.008	0.0053	0.1354	Glycemic index (whole group)	TRUE	TRUE	TRUE
cg23427404	0.4742	0.0993	Glycemic load (overweight)/obese	0.0519	0.1189	0.6622	Glycemic load (normal weight)	0.1685	0.0743	0.0233	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg23513183	-0.024	0.0051	Glycemic load (overweight)/obese	0.0039	0.0043	0.3615	Glycemic load (normal weight)	-0.002	0.0035	0.4128	Glycemic load (whole group)	FALSE	TRUE	FALSE
cg23541273	0.1692	0.0373	Glycemic index (overweight)/obese	0.0387	0.0482	0.4020	Glycemic index (normal weight)	0.1194	0.0344	0.0005	Glycemic index (whole group)	TRUE	TRUE	TRUE
cg23562160	-0.030	0.0066	Glycemic load (overweight)/obese	-0.004	0.0046	0.3461	Glycemic load (normal weight)	-0.007	0.0034	0.0402	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg23605244	0.2230	0.0405	Glycemic load (overweight)/obese	0.0210	0.0663	0.7513	Glycemic load (normal weight)	0.1145	0.0346	0.0009	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg23632178	0.0249	0.0044	Glycemic load (overweight)/obese	-0.000	0.0032	0.8283	Glycemic load (normal weight)	0.0042	0.0026	0.1164	Glycemic load (whole group)	FALSE	TRUE	FALSE
cg23674806	0.0542	0.0109	Glycemic load (overweight)/obese	-0.021	0.0155	0.1702	Glycemic load (normal weight)	0.0017	0.0114	0.7425	Glycemic load (whole group)	FALSE	TRUE	FALSE
cg23803838	0.0168	0.0038	Glycemic load (overweight)/obese	-0.000	0.0019	0.9433	Glycemic load (normal weight)	0.0018	0.0017	0.2927	Glycemic load (whole group)	FALSE	TRUE	FALSE
cg23811160	0.2226	0.0490	Glycemic load (overweight)/obese	0.0883	0.0792	0.2908	Glycemic load (normal weight)	0.0312	0.0424	0.4626	Glycemic load (whole group)	FALSE	TRUE	FALSE
cg23889772	-0.141	0.0296	Glycemic load (overweight)/obese	0.007	0.0244	0.7524	Glycemic load (normal weight)	-0.034	0.0203	0.3558	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg23928104	-0.195	0.0425	Glycemic index (normal weight)	-0.018	0.0611	0.7656	Glycemic index (overweight)/obese	-0.023	0.0419	0.5727	Glycemic index (whole group)	TRUE	TRUE	TRUE
cg23979520	0.0158	0.0034	Glycemic load (overweight)/obese	-0.000	0.0017	0.6593	Glycemic load (normal weight)	0.0013	0.0014	0.3641	Glycemic load (whole group)	FALSE	TRUE	FALSE
cg23979983	0.2129	0.0401	Glycemic index (overweight)/obese	-0.041	0.0649	0.5212	Glycemic index (normal weight)	0.0337	0.0446	0.4497	Glycemic index (whole group)	FALSE	TRUE	FALSE
cg24040966	-0.008	0.0019	Glycemic index (normal weight)	0.0001	0.0009	0.8720	Glycemic index (overweight)/obese	-0.0008	0.0009	0.5529	Glycemic index (whole group)	FALSE	TRUE	FALSE
cg24057041	0.0099	0.0020	Glycemic index (normal weight)	-0.000	0.0010	0.4564	Glycemic index (overweight)/obese	0.0018	0.0009	0.6607	Glycemic index (whole group)	FALSE	TRUE	FALSE
cg24065451	-0.017	0.0033	Glycemic load (overweight)/obese	0.0010	0.0027	0.7081	Glycemic load (normal weight)	-0.002	0.0021	0.2994	Glycemic load (whole group)	FALSE	TRUE	FALSE
cg24071676	-0.011	0.0027	Glycemic load (overweight)/obese	-0.003	0.0015	0.3654	Glycemic load (normal weight)	-0.003	0.0012	0.0168	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg24104567	-0.010	0.0021	Glycemic load (normal weight)	0.0001	0.0015	0.9025	Glycemic load (overweight)/obese	-0.0006	0.0012	0.6782	Glycemic load (whole group)	FALSE	TRUE	FALSE
cg24128843	0.0092	0.0019	Glycemic index (overweight)/obese	-0.000	0.0015	0.6317	Glycemic index (normal weight)	0.0009	0.0012	0.4679	Glycemic index (whole group)	FALSE	TRUE	

cg25367568	0.0133	0.0030	Glycemic index (normal weight)	-0.006	0.0023	0.0038	Glycemic index (overweight/obese)	-0.003	0.0018	0.0779	Glycemic index (whole group)	FALSE	FALSE	FALSE
cg25446789	0.1918	0.0419	Glycemic index (normal weight)	-0.031	0.0335	0.3498	Glycemic index (overweight/obese)	0.0621	0.0271	0.0219	Glycemic index (whole group)	FALSE	TRUE	FALSE
cg25492421	0.0075	0.0012	Glycemic index (overweight/obese)	0.0019	0.0010	0.0566	Glycemic index (normal weight)	0.0005	0.0009	0.0065	Glycemic index (whole group)	TRUE	TRUE	TRUE
cg25496104	-0.101	0.0216	Glycemic load (overweight/obese)	-0.021	0.0164	0.1927	Glycemic load (normal weight)	-0.042	0.0130	0.0010	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg25603927	0.3672	0.0699	Glycemic load (overweight/obese)	0.0003	0.0590	0.9558	Glycemic load (normal weight)	0.0166	0.0453	0.7145	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg25607360	0.0492	0.0102	Glycemic load (normal weight)	-0.011	0.0082	0.1798	Glycemic load (overweight/obese)	0.0008	0.0067	0.9017	Glycemic load (whole group)	FALSE	TRUE	FALSE
cg25800356	0.0043	0.0008	Glycemic load (overweight/obese)	-0.000	0.0032	0.9318	Glycemic load (normal weight)	0.0006	0.0008	1.15e-05	Glycemic load (whole group)	FALSE	TRUE	FALSE
cg25852019	-0.068	0.0148	Glycemic index (overweight/obese)	-0.007	0.0148	0.6223	Glycemic index (normal weight)	-0.016	0.0105	0.1181	Glycemic index (whole group)	TRUE	TRUE	TRUE
cg25882643	0.0546	0.0108	Glycemic load (overweight/obese)	0.0504	0.0179	0.0050	Glycemic load (normal weight)	0.0254	0.0103	0.0137	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg25914824	0.0863	0.0179	Glycemic index (normal weight)	0.0055	0.0157	0.7159	Glycemic index (overweight/obese)	0.0265	0.0115	0.0211	Glycemic index (whole group)	TRUE	TRUE	TRUE
cg25938010	-0.009	0.0021	Glycemic load (overweight/obese)	0.0005	0.0014	0.6781	Glycemic load (normal weight)	-0.000	0.0011	0.5008	Glycemic load (whole group)	FALSE	TRUE	FALSE
cg25970491	0.0290	0.0005	Glycemic load (overweight/obese)	-0.005	0.0059	0.3558	Glycemic load (normal weight)	-0.002	0.0047	0.5899	Glycemic load (whole group)	FALSE	FALSE	FALSE
cg26307055	-0.036	0.0075	Glycemic load (overweight/obese)	-0.004	0.0067	0.4818	Glycemic load (normal weight)	-0.010	0.0050	0.0403	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg26112901	-0.024	0.0009	Glycemic load (overweight/obese)	-0.000	0.0006	0.7579	Glycemic load (normal weight)	-0.000	0.0005	0.1847	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg26132518	-0.164	0.0366	Glycemic load (overweight/obese)	0.0040	0.0262	0.8785	Glycemic load (normal weight)	-0.052	0.0216	0.0155	Glycemic load (whole group)	FALSE	TRUE	FALSE
cg26153425	-0.274	0.0452	Glycemic load (overweight/obese)	-0.067	0.0651	0.3019	Glycemic load (normal weight)	-0.089	0.0449	0.0663	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg26272214	-0.041	0.0078	Glycemic index (overweight/obese)	-0.001	0.0054	0.7956	Glycemic index (normal weight)	-0.005	0.0042	0.7201	Glycemic index (whole group)	TRUE	TRUE	TRUE
cg26300597	-0.029	0.0066	Glycemic load (overweight/obese)	-0.001	0.0048	0.7756	Glycemic load (normal weight)	-0.005	0.0040	0.1427	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg26474270	-0.009	0.0018	Glycemic load (overweight/obese)	-0.000	0.0013	0.5426	Glycemic load (normal weight)	-0.002	0.0011	0.0195	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg26502715	0.1221	0.0270	Glycemic index (normal weight)	-0.000	0.0231	0.9826	Glycemic index (overweight/obese)	0.0180	0.0180	0.1171	Glycemic index (whole group)	FALSE	TRUE	FALSE
cg26509119	0.0067	0.0015	Glycemic load (overweight/obese)	-0.002	0.0013	0.0347	Glycemic load (normal weight)	-0.000	0.0010	0.8079	Glycemic load (whole group)	FALSE	FALSE	FALSE
cg26649688	-0.006	0.0014	Glycemic load (overweight/obese)	0.0010	0.0016	0.5194	Glycemic load (normal weight)	-0.001	0.0012	0.1610	Glycemic load (whole group)	FALSE	TRUE	FALSE
cg26708920	-0.404	0.0797	Glycemic load (overweight/obese)	-0.081	0.0801	0.3075	Glycemic load (normal weight)	-0.126	0.0566	0.0260	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg27039257	0.3124	0.0644	Glycemic load (overweight/obese)	0.0401	0.0984	0.4838	Glycemic load (normal weight)	0.0670	0.0550	0.2226	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg27070405	0.2363	0.0513	Glycemic load (overweight/obese)	-0.025	0.0771	0.7441	Glycemic load (normal weight)	0.0342	0.0447	0.4439	Glycemic load (whole group)	FALSE	TRUE	FALSE
cg27084781	0.0268	0.0059	Glycemic index (overweight/obese)	-0.009	0.0052	0.0582	Glycemic index (normal weight)	-0.001	0.0046	0.7371	Glycemic index (whole group)	FALSE	FALSE	FALSE
cg27120437	-0.056	0.0131	Glycemic index (overweight/obese)	-0.027	0.0112	0.0146	Glycemic index (normal weight)	-0.035	0.0088	5.32e-05	Glycemic index (whole group)	TRUE	TRUE	TRUE
cg27212192	0.0126	0.0028	Glycemic load (normal weight)	9.28e-05	0.0013	0.9467	Glycemic load (overweight/obese)	0.0013	0.0012	0.3693	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg27254338	0.0198	0.0043	Glycemic load (overweight/obese)	0.0020	0.0039	0.6042	Glycemic load (normal weight)	0.0038	0.0031	0.2266	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg27260684	0.0195	0.0033	Glycemic load (overweight/obese)	0.0025	0.0042	0.5538	Glycemic load (normal weight)	0.0048	0.0030	0.1148	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg27284024	0.0218	0.0044	Glycemic index (overweight/obese)	0.0005	0.0036	0.4732	Glycemic index (normal weight)	0.0059	0.0031	0.0550	Glycemic index (whole group)	TRUE	TRUE	TRUE
cg27302237	0.2501	0.0544	Glycemic index (overweight/obese)	0.0735	0.0518	0.1557	Glycemic index (normal weight)	0.1158	0.0351	0.0006	Glycemic index (whole group)	TRUE	TRUE	TRUE
cg27367526	0.2191	0.0451	Glycemic load (overweight/obese)	-0.036	0.0342	0.2841	Glycemic load (normal weight)	0.0222	0.0291	0.4451	Glycemic load (whole group)	FALSE	TRUE	FALSE
cg27386718	0.1283	0.0276	Glycemic load (overweight/obese)	0.0544	0.0234	0.0202	Glycemic load (normal weight)	0.0701	0.0169	3.52e-05	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg27393390	0.0860	0.0167	Glycemic index (normal weight)	-0.007	0.0127	0.5642	Glycemic index (overweight/obese)	0.0138	0.0098	0.1619	Glycemic index (whole group)	FALSE	TRUE	FALSE
cg27412523	-0.130	0.0272	Glycemic load (overweight/obese)	-0.006	0.0421	0.8784	Glycemic load (normal weight)	-0.036	0.0248	0.1373	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg27421105	-0.177	0.0373	Glycemic index (overweight/obese)	0.0437	0.0321	0.1734	Glycemic index (normal weight)	-0.057	0.0254	0.0222	Glycemic index (whole group)	FALSE	TRUE	FALSE
cg27425709	0.0063	0.0013	Glycemic index (overweight/obese)	0.0002	0.0010	0.8031	Glycemic index (normal weight)	0.0006	0.0008	0.4246	Glycemic index (whole group)	TRUE	TRUE	TRUE
cg27491277	0.0102	0.0020	Glycemic index (overweight/obese)	-0.000	0.0020	0.6561	Glycemic index (normal weight)	0.0013	0.0015	0.3828	Glycemic index (whole group)	FALSE	TRUE	FALSE
cg27508002	0.0089	0.0020	Glycemic load (overweight/obese)	0.0021	0.0014	0.1391	Glycemic load (normal weight)	0.0019	0.0011	0.1013	Glycemic load (whole group)	TRUE	TRUE	TRUE
cg27525032	-0.036	0.0079	Glycemic load (overweight/obese)	0.0032	0.0036	0.3764	Glycemic load (normal weight)	-0.004	0.0033	0.2093	Glycemic load (whole group)	FALSE	TRUE	FALSE

Table S11. Overlapping CpGs between meta-analyses results (FDR <0.05) and the EWAS catalogue

Meta-analysis results			Results from the public EWAS catalogue			
CpG	Meta-analysis model	Exposure	Outcome	Tissue	Age	PubMed ID
cg17747781	Glycemic index (overweight/obese)	1-hour glucose	DNA methylation	Cord blood	Infants	33151971
cg17747781	Glycemic index (overweight/obese)	1-hour glucose	DNA methylation	Cord blood	Infants	33151971
cg27260684	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg09435668	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg16711866	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg18949521	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg21000227	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg00718883	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg11751808	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg16622906	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg19411557	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg14558716	Glycemic index (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg19706472	Glycemic index (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg05040501	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg16491865	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg05761971	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg18610053	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg03086067	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg20785459	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg00961418	Glycemic index (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg00961418	Glycemic index (overweight/obese)	Age	DNA methylation	Whole blood	Adults	23177740
cg06655190	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg20641660	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg25349643	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg08064292	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg01708711	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg00415993	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg13848802	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg14403090	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg20936120	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg26272214	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg01407748	Glycemic index (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg05232496	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg24065451	Glycemic load (overweight/obese)	Age	DNA methylation	Whole blood	Adults	23177740
cg24065451	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg05094137	Glycemic index (normal weight)	age	DNA methylation	Whole blood	Children	33450751
cg19388739	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg12787530	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg10389914	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg09870200	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg13679817	Glycemic index (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg07040338	Glycemic index (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg15497249	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg24892433	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg11797226	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg18840037	Glycemic index (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg09697644	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg08415582	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg25603927	Glycemic index (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg09277575	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg08704196	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg12807668	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg13257654	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg02783833	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg00571747	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg24057041	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg27284034	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg18895813	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg13551783	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg00683332	Glycemic load (overweight/obese)	Age	DNA methylation	Whole blood	Geriatrics	28811542
cg00683332	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg03058038	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg05523449	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg06652210	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg07341220	Glycemic index (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg12757684	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg21500799	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg00913954	Glycemic index (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg14736911	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg01326048	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg05442602	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg22068687	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg13465890	Glycemic index (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg19655128	Glycemic index (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg23264059	Glycemic index (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg15713801	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg01245155	Glycemic index (overweight/obese)	Age	DNA methylation	Breast	Adults	28693600
cg01245155	Glycemic index (overweight/obese)	Age	DNA methylation	Whole blood	Adults	23177740
cg01245155	Glycemic index (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg02369380	Glycemic index (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg08657492	Glycemic index (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg09854726	Glycemic index (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg16086237	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751

cg10196042	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg21463140	Glycemic index (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg19985870	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg23513183	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg06715661	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg16204509	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg14350448	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg24309215	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg07739369	Glycemic load (overweight/obese)	Age	DNA methylation	Whole blood	Adults	23177740
cg07739369	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg24104567	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg2432002	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg07136761	Glycemic index (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg11893951	Glycemic index (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg24773560	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg08271400	Glycemic index (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg03707256	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg16573044	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg17811589	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg16563171	Glycemic index (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg16563171	Glycemic index (overweight/obese)	Age	DNA methylation	Whole blood	Geriatrics	28811542
cg17457637	Glycemic index (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg24147838	Glycemic index (normal weight)	age	DNA methylation	Whole blood	Children	33450751
cg09243533	Glycemic load (normal weight)	age	DNA methylation	Whole blood	Children	33450751
cg02795334	Glycemic index (normal weight)	age	DNA methylation	Whole blood	Children	33450751
cg13689560	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg24128943	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg01766844	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg22647970	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg04343494	Glycemic index (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg09369190	Glycemic index (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg10257671	Glycemic index (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg12832565	Glycemic index (overweight/obese)	age	DNA methylation	Fetal liver, adult liver	Adults	25282492
cg12832565	Glycemic index (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg14197205	Glycemic index (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg15645685	Glycemic index (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg25074751	Glycemic index (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg25934824	Glycemic index (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg26107055	Glycemic index (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg27367326	Glycemic index (overweight/obese)	age	DNA methylation	Whole blood	Adults	23177740
cg27367526	Glycemic index (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg27367526	Glycemic index (overweight/obese)	Age	DNA methylation	Whole blood	Geriatrics	28811542
cg02994399	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg23979520	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg06602723	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg15676371	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg06292709	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg10672416	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg02054431	Glycemic index (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg22879270	Glycemic index (normal weight)	age	DNA methylation	Whole blood	Children	33450751
cg18503679	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg09427273	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg07455279	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg11105358	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg11116798	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg16555188	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg27525032	Glycemic index (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg23889772	Glycemic index (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg06905046	Glycemic index (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg23120601	Glycemic index (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg27421105	Glycemic index (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg2649688	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg16908944	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg27425709	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg05423392	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg23562160	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg25800356	Glycemic load (normal weight)	age	DNA methylation	Whole blood	Children	33450751
cg08529295	Glycemic index (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg27084781	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg21792018	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg24832222	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg02909929	Glycemic load (overweight/obese)	Age	DNA methylation	Whole blood	Children	33450751
cg02909929	Glycemic load (overweight/obese)	Age	DNA methylation	Whole blood	Adults	23177740
cg27254338	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg07562888	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg05413285	Glycemic index (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg12463578	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg25496004	Glycemic index (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg03036707	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg05269359	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg0368959	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg07016556	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg19070159	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg19830372	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg06540283	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg10400725	Glycemic index (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg08121652	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751

cg08915171	Glycemic load (overweight/obese)	Age	DNA methylation	Whole blood	Adults	23177740
cg00910355	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg21813747	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg21813747	Glycemic load (overweight/obese)	Age	DNA methylation	Whole blood	Adults	23177740
cg02291010	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg14297063	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg24504349	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg22110973	Glycemic index (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg01140247	Glycemic index (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg01566217	Glycemic index (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg12117164	Glycemic index (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg06510234	Glycemic index (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg24652379	Glycemic index (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg20885078	Glycemic index (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg18441811	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg19710916	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg051399244	Glycemic index (overweight/obese)	age*	DNA methylation	Whole blood	Children	33450751
cg13060970	Glycemic load (overweight/obese)	Age	DNA methylation	Whole blood	Adults	23177740
cg13060970	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg14341131	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg17828057	Glycemic index (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg00588621	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg01723892	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg07723258	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg04889688	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg07151406	Glycemic index (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg09728927	Glycemic load (overweight/obese)	age	DNA methylation	Whole blood	Children	33450751
cg08064292	Glycemic load (overweight/obese)	Age 4 vs age 0	DNA methylation	Whole blood, cord blood	NA	28056824
cg00415993	Glycemic load (overweight/obese)	Age 4 vs age 0	DNA methylation	Whole blood, cord blood	NA	28056824
cg24065451	Glycemic load (overweight/obese)	Age 4 vs age 0	DNA methylation	Whole blood, cord blood	NA	28056824
cg07341220	Glycemic index (overweight/obese)	Age 4 vs age 0	DNA methylation	Whole blood, cord blood	NA	28056824
cg16086237	Glycemic load (overweight/obese)	Age 4 vs age 0	DNA methylation	Whole blood, cord blood	NA	28056824
cg14360448	Glycemic load (overweight/obese)	Age 4 vs age 0	DNA methylation	Whole blood, cord blood	NA	28056824
cg24332002	Glycemic load (overweight/obese)	Age 4 vs age 0	DNA methylation	Whole blood, cord blood	NA	28056824
cg27367526	Glycemic index (overweight/obese)	Age 4 vs age 0	DNA methylation	Whole blood, cord blood	NA	28056824
cg2389772	Glycemic index (overweight/obese)	Age 4 vs age 0	DNA methylation	Whole blood, cord blood	NA	28056824
cg23562160	Glycemic load (overweight/obese)	Age 4 vs age 0	DNA methylation	Whole blood, cord blood	NA	28056824
cg07016556	Glycemic load (overweight/obese)	Age 4 vs age 0	DNA methylation	Whole blood, cord blood	NA	28056824
cg19070159	Glycemic load (overweight/obese)	Age 4 vs age 0	DNA methylation	Whole blood, cord blood	NA	28056824
cg25970491	Glycemic load (overweight/obese)	Age 4 vs age 0	DNA methylation	Whole blood, cord blood	NA	28056824
cg14873515	Glycemic load (overweight/obese)	Age 4 vs age 0	DNA methylation	Whole blood, cord blood	NA	28056824
cg08262002	Glycemic index (overweight/obese)	Age 4 vs age 0	DNA methylation	Whole blood, cord blood	NA	28056824
cg10807894	Glycemic index (overweight/obese)	Age 4 vs age 0	DNA methylation	Whole blood, cord blood	NA	28056824
cg18441811	Glycemic load (overweight/obese)	Age 4 vs age 0	DNA methylation	Whole blood, cord blood	NA	28056824
cg04889688	Glycemic load (overweight/obese)	Age 4 vs age 0	DNA methylation	Whole blood, cord blood	NA	28056824
cg13679817	Glycemic index (overweight/obese)	Age group	DNA methylation	Whole blood	Adults	25888029
cg07739369	Glycemic load (overweight/obese)	Age group	DNA methylation	Whole blood	Adults	25888029
cg24104567	Glycemic load (overweight/obese)	Age group	DNA methylation	Whole blood	Adults	25888029
cg00377865	Glycemic load (overweight/obese)	Age group	DNA methylation	Whole blood	Adults	25888029
cg15735129	Glycemic index (overweight/obese)	Age group	DNA methylation	Whole blood	Adults	25888029
cg08262002	Glycemic index (overweight/obese)	Age group	DNA methylation	Whole blood	Adults	25888029
cg10807894	Glycemic index (overweight/obese)	Age group	DNA methylation	Whole blood	Adults	25888029
cg15489979	Glycemic index (overweight/obese)	Age group	DNA methylation	Whole blood	Adults	25888029
cg24065451	Glycemic load (overweight/obese)	age*sex	DNA methylation	Whole blood	Children	33450751
cg13257654	Glycemic load (overweight/obese)	age*sex	DNA methylation	Whole blood	Children	33450751
cg13551783	Glycemic load (overweight/obese)	age*sex	DNA methylation	Whole blood	Children	33450751
cg18503679	Glycemic load (overweight/obese)	age*sex	DNA methylation	Whole blood	Children	33450751
cg23562160	Glycemic load (overweight/obese)	age*sex	DNA methylation	Whole blood	Children	33450751
cg02909929	Glycemic load (overweight/obese)	age*sex	DNA methylation	Whole blood	Children	33450751
cg02139962	Glycemic load (overweight/obese)	age*sex	DNA methylation	Whole blood	Children	33450751
cg21420674	Glycemic index (overweight/obese)	age*sex	DNA methylation	Whole blood	Children	33450751
cg08262002	Glycemic index (overweight/obese)	age*sex	DNA methylation	Whole blood	Children	33450751
cg08915171	Glycemic load (overweight/obese)	age*sex	DNA methylation	Whole blood	Children	33450751
cg14297063	Glycemic load (overweight/obese)	age*sex	DNA methylation	Whole blood	Children	33450751
cg11613450	Glycemic load (overweight/obese)	age*sex	DNA methylation	Whole blood	Children	33450751
cg17828057	Glycemic index (overweight/obese)	age*sex	DNA methylation	Whole blood	Children	33450751
cg02435333	Glycemic load (normal weight)	Aggressive behaviour	DNA methylation	Whole blood	Adults	33420481
cg08262002	Glycemic index (overweight/obese)	Aging	DNA methylation	Whole blood	Geriatrics	30264654
cg24773560	Glycemic load (overweight/obese)	Alcohol Consumption	DNA methylation	Whole blood	Adults	30938765
cg24065451	Glycemic load (overweight/obese)	Alcohol consumption per day	DNA methylation	Whole blood	Adults	27843151
cg24773560	Glycemic load (overweight/obese)	Alcohol consumption per day	DNA methylation	Whole blood	Adults	27843151
cg02054431	Glycemic index (overweight/obese)	Alcohol consumption per day	DNA methylation	Whole blood	Adults	27843151
cg18503679	Glycemic load (overweight/obese)	Alcohol consumption per day	DNA methylation	Whole blood	Adults	27843151
cg14511782	Glycemic load (overweight/obese)	Alcohol consumption per day	DNA methylation	Whole blood	Adults	27843151
cg23632178	Glycemic load (overweight/obese)	alcohol withdrawal recovery	DNA methylation	whole blood	Adults	32080920
cg14873515	Glycemic load (overweight/obese)	alcohol withdrawal recovery	DNA methylation	whole blood	Adults	32080920
cg07723258	Glycemic load (overweight/obese)	alcohol withdrawal recovery	DNA methylation	whole blood	Adults	32080920
cg25603927	Glycemic index (overweight/obese)	Alzheimer's disease	DNA methylation	Brain	Geriatrics	30045751
cg19605773	Glycemic load (overweight/obese)	Alzheimer's disease	DNA methylation	Brain	Geriatrics	30045751
cg14297063	Glycemic load (overweight/obese)	Alzheimer's disease	DNA methylation	Brain cortex	Geriatrics	30550539
cg07151406	Glycemic index (overweight/obese)	Alzheimer's disease	DNA methylation	Brain	Geriatrics	30045751
cg13257654	Glycemic load (overweight/obese)	alzheimers disease braak stage	DNA methylation	Prefrontal cortex	Adults	33257653
cg01126048	Glycemic load (overweight/obese)	alzheimers disease braak stage	DNA methylation	Prefrontal cortex	Adults	33257653
cg08657492	Glycemic index (overweight/obese)	alzheimers disease braak stage	DNA methylation	Prefrontal cortex	Adults	33257653
cg07739369	Glycemic load (overweight/obese)	alzheimers disease braak stage	DNA methylation	Prefrontal cortex	Adults	33257653
cg17457637	Glycemic index (overweight/obese)	alzheimers disease braak stage	DNA methylation	Prefrontal cortex	Adults	33257653
cg02054431	Glycemic index (overweight/obese)	alzheimers disease braak stage	DNA methylation	Prefrontal cortex	Adults	33257653

cg23120601	Glycemic index (overweight/obese)	alzheimers disease braak stage	DNA methylation	Prefrontal cortex	Adults	3325/7653
cg07345108	Glycemic load (overweight/obese)	alzheimers disease braak stage	DNA methylation	Prefrontal cortex	Adults	3325/7653
cg25938010	Glycemic load (overweight/obese)	Arsenic exposure	DNA methylation	Whole blood	Adults	29982128
cg19411557	Glycemic load (overweight/obese)	atopy	DNA methylation	nasal polyp	Adults	32795589
cg23932178	Glycemic load (overweight/obese)	atopy	DNA methylation	nasal polyp	Adults	32795589
cg21165673	Glycemic load (overweight/obese)	atopy	DNA methylation	nasal polyp	Adults	32795589
cg13422870	Glycemic index (overweight/obese)	atopy	DNA methylation	nasal polyp	Adults	32795589
cg19388739	Glycemic load (overweight/obese)	atopy	DNA methylation	nasal polyp	Adults	32795589
cg03688771	Glycemic index (normal weight)	atopy	DNA methylation	nasal polyp	Adults	32795589
cg24404567	Glycemic load (overweight/obese)	atopy	DNA methylation	nasal polyp	Adults	32795589
cg04343494	Glycemic index (overweight/obese)	atopy	DNA methylation	nasal polyp	Adults	32795589
cg25074751	Glycemic index (overweight/obese)	atopy	DNA methylation	nasal polyp	Adults	32795589
cg01530292	Glycemic index (normal weight)	atopy	DNA methylation	nasal polyp	Adults	32795589
cg05269359	Glycemic load (overweight/obese)	atopy	DNA methylation	nasal polyp	Adults	32795589
cg05026198	Glycemic load (overweight/obese)	atopy	DNA methylation	nasal polyp	Adults	32795589
cg10636896	Glycemic index (overweight/obese)	atopy	DNA methylation	nasal polyp	Adults	32795589
cg23029104	Glycemic index (normal weight)	atopy	DNA methylation	nasal polyp	Adults	32795589
cg03077077	Glycemic index (overweight/obese)	atopy	DNA methylation	nasal polyp	Adults	32795589
cg12832565	Glycemic index (overweight/obese)	Autoantibody production in systemic lupus erythematosus	DNA methylation	Whole blood	Adults	26192630
cg07908697	Glycemic load (overweight/obese)	birthweight	DNA methylation	Whole blood	Adults	33079621
cg16097041	Glycemic load (overweight/obese)	body mass index	DNA methylation	Whole blood	Adults	25935004
cg23120601	Glycemic index (overweight/obese)	braak stage	DNA methylation	Prefrontal cortex	Geriatrics	33902726
cg13848802	Glycemic load (overweight/obese)	breast cancer	DNA methylation	Whole blood	Adults	30980176
cg19802547	Glycemic index (normal weight)	Breastfeeding	DNA methylation	Buccal cells	Children	31744183
cg26272214	Glycemic load (overweight/obese)	Breastfeeding duration	DNA methylation	Buccal cells	Children	31744183
cg03116409	Glycemic index (overweight/obese)	Cancer treatment: anti-metabolites	DNA methylation	Whole blood	Children	33823916
cg19165274	Glycemic load (overweight/obese)	Child abuse	DNA methylation	Saliva	Children	23332324
cg07732328	Glycemic load (overweight/obese)	Chronic kidney disease	DNA methylation	Whole Blood	Adults	29097680
cg00718883	Glycemic load (overweight/obese)	Clear cell renal carcinoma	DNA methylation	Clear cell renal carcinoma tumour cells, adjacent healthy cells	Adults	23526956
cg20785459	Glycemic load (overweight/obese)	Clear cell renal carcinoma	DNA methylation	Clear cell renal carcinoma tumour cells, adjacent healthy cells	Adults	23526956
cg14403090	Glycemic load (overweight/obese)	Clear cell renal carcinoma	DNA methylation	Clear cell renal carcinoma tumour cells, adjacent healthy cells	Adults	23526956
cg05094137	Glycemic index (normal weight)	Clear cell renal carcinoma	DNA methylation	Clear cell renal carcinoma tumour cells, adjacent healthy cells	Adults	23526956
cg00913954	Glycemic index (overweight/obese)	Clear cell renal carcinoma	DNA methylation	Clear cell renal carcinoma tumour cells, adjacent healthy cells	Adults	23526956
cg14051770	Glycemic index (normal weight)	Clear cell renal carcinoma	DNA methylation	Clear cell renal carcinoma tumour cells, adjacent healthy cells	Adults	23526956
cg16086237	Glycemic load (overweight/obese)	Clear cell renal carcinoma	DNA methylation	Clear cell renal carcinoma tumour cells, adjacent healthy cells	Adults	23526956
cg16204509	Glycemic load (overweight/obese)	Clear cell renal carcinoma	DNA methylation	Clear cell renal carcinoma tumour cells, adjacent healthy cells	Adults	23526956
cg07739369	Glycemic load (overweight/obese)	Clear cell renal carcinoma	DNA methylation	Clear cell renal carcinoma tumour cells, adjacent healthy cells	Adults	23526956
cg02795334	Glycemic index (normal weight)	Clear cell renal carcinoma	DNA methylation	Clear cell renal carcinoma tumour cells, adjacent healthy cells	Adults	23526956
cg13689560	Glycemic load (overweight/obese)	Clear cell renal carcinoma	DNA methylation	Clear cell renal carcinoma tumour cells, adjacent healthy cells	Adults	23526956
cg24128943	Glycemic load (overweight/obese)	Clear cell renal carcinoma	DNA methylation	Clear cell renal carcinoma tumour cells, adjacent healthy cells	Adults	23526956
cg06292709	Glycemic load (overweight/obese)	Clear cell renal carcinoma	DNA methylation	Clear cell renal carcinoma tumour cells, adjacent healthy cells	Adults	23526956
cg23120601	Glycemic index (overweight/obese)	Clear cell renal carcinoma	DNA methylation	Clear cell renal carcinoma tumour cells, adjacent healthy cells	Adults	23526956
cg27254338	Glycemic load (overweight/obese)	Clear cell renal carcinoma	DNA methylation	Clear cell renal carcinoma tumour cells, adjacent healthy cells	Adults	23526956
cg05413285	Glycemic index (overweight/obese)	Clear cell renal carcinoma	DNA methylation	Clear cell renal carcinoma tumour cells, adjacent healthy cells	Adults	23526956
cg12463578	Glycemic load (overweight/obese)	Clear cell renal carcinoma	DNA methylation	Clear cell renal carcinoma tumour cells, adjacent healthy cells	Adults	23526956
cg03816707	Glycemic load (overweight/obese)	Clear cell renal carcinoma	DNA methylation	Clear cell renal carcinoma tumour cells, adjacent healthy cells	Adults	23526956
cg14873515	Glycemic index (overweight/obese)	Clear cell renal carcinoma	DNA methylation	Clear cell renal carcinoma tumour cells, adjacent healthy cells	Adults	23526956
cg00850068	Glycemic index (overweight/obese)	Clear cell renal carcinoma	DNA methylation	Clear cell renal carcinoma tumour cells, adjacent healthy cells	Adults	23526956
cg15012214	Glycemic load (overweight/obese)	Clear cell renal carcinoma	DNA methylation	Clear cell renal carcinoma tumour cells, adjacent healthy cells	Adults	23526956
cg25367568	Glycemic load (overweight/obese)	Clear cell renal carcinoma	DNA methylation	Clear cell renal carcinoma tumour cells, adjacent healthy cells	Adults	23526956
cg25446789	Glycemic index (overweight/obese)	Clear cell renal carcinoma	DNA methylation	Clear cell renal carcinoma tumour cells, adjacent healthy cells	Adults	23526956
cg19299265	Glycemic load (overweight/obese)	Clear cell renal carcinoma	DNA methylation	Clear cell renal carcinoma tumour cells, adjacent healthy cells	Adults	23526956
cg01140247	Glycemic index (overweight/obese)	Clear cell renal carcinoma	DNA methylation	Clear cell renal carcinoma tumour cells, adjacent healthy cells	Adults	23526956
cg13117164	Glycemic index (overweight/obese)	Clear cell renal carcinoma	DNA methylation	Clear cell renal carcinoma tumour cells, adjacent healthy cells	Adults	23526956
cg08510234	Glycemic index (overweight/obese)	Clear cell renal carcinoma	DNA methylation	Clear cell renal carcinoma tumour cells, adjacent healthy cells	Adults	23526956
cg13060970	Glycemic load (overweight/obese)	Clear cell renal carcinoma	DNA methylation	Clear cell renal carcinoma tumour cells, adjacent healthy cells	Adults	23526956
cg01723892	Glycemic load (overweight/obese)	Clear cell renal carcinoma	DNA methylation	Clear cell renal carcinoma tumour cells, adjacent healthy cells	Adults	23526956
cg13257654	Glycemic load (overweight/obese)	Common carotid intima-media thickness	DNA methylation	Whole blood	Adults	NA
cg16097041	Glycemic load (overweight/obese)	C-reactive protein	DNA methylation	Whole blood	Geriatrics	27955697
cg09870200	Glycemic load (overweight/obese)	Crohn's disease	DNA methylation	Whole blood	Adults	27886173
cg07739369	Glycemic load (overweight/obese)	Crohn's disease	DNA methylation	Whole blood	Adults	27886173
cg24773560	Glycemic load (overweight/obese)	Crohn's disease	DNA methylation	Whole blood	Adults	27886173
cg07455279	Glycemic load (overweight/obese)	Crohn's disease	DNA methylation	Whole blood	Adults	27886173
cg16279786	Glycemic load (overweight/obese)	Crohn's disease	DNA methylation	Whole blood	Adults	27886173
cg21462596	Glycemic load (overweight/obese)	Crohn's disease	DNA methylation	Whole blood	Adults	27886173
cg08262002	Glycemic index (overweight/obese)	Crohn's disease	DNA methylation	Whole blood	Adults	27886173
cg13689560	Glycemic load (overweight/obese)	Current versus never smoking	DNA methylation	CD4+ T cells, monocytes	Adults	27651444
cg10672416	Glycemic load (overweight/obese)	Current versus never smoking	DNA methylation	CD4+ T cells, monocytes	Adults	27651444
cg02054431	Glycemic index (overweight/obese)	Current versus never smoking	DNA methylation	CD4+ T cells, monocytes	Adults	27651444
cg18503679	Glycemic load (overweight/obese)	Current versus never smoking	DNA methylation	CD4+ T cells, monocytes	Adults	27651444
cg11105358	Glycemic load (overweight/obese)	Current versus never smoking	DNA methylation	CD4+ T cells, monocytes	Adults	27651444
cg12463578	Glycemic load (overweight/obese)	Current versus never smoking	DNA methylation	CD4+ T cells, monocytes	Adults	27651444
cg07016556	Glycemic load (overweight/obese)	Current versus never smoking	DNA methylation	CD4+ T cells, monocytes	Adults	27651444
cg08262002	Glycemic index (overweight/obese)	Current versus never smoking	DNA methylation	CD4+ T cells, monocytes	Adults	27651444
cg18503679	Glycemic load (overweight/obese)	Current vs never smoking	DNA methylation	Whole blood	Adults	28225026
cg25446789	Glycemic index (overweight/obese)	Current vs never smoking	DNA methylation	Whole blood	Adults	28225026
cg27260684	Glycemic load (overweight/obese)	DNA methylation	M32397_3-hydroxy-2-ethylpropanoate	Whole blood	Adults	24014485
cg27260684	Glycemic load (overweight/obese)	DNA methylation	M32397_3-hydroxy-2-ethylpropanoate	Whole blood	Adults	24014485
cg17147781	Glycemic index (overweight/obese)	DNA methylation	1-hour glucose	Cord blood	Infants	33315971
cg24054511	Glycemic load (overweight/obese)	DNA methylation	Alcohol consumption	Whole blood	Adults	21789449
cg13257654	Glycemic load (overweight/obese)	DNA methylation	Alcohol consumption	Whole blood	Adults	31789449
cg21081175	Glycemic load (overweight/obese)	DNA methylation	estimated glomerular filtration rate (eGFR)	Whole blood	Adults	33931109
cg03058038	Glycemic load (overweight/obese)	DNA methylation	Nitrogen dioxide exposure	Whole blood	Adults	29410382
cg03058038	Glycemic load (overweight/obese)	DNA methylation	Maternal overweight/obesity	Cord blood	Infants	29016858
cg06652210	Glycemic load (overweight/obese)	DNA methylation	M32388_dodecanedioate	Whole blood	Adults	24014485
cg22681041	Glycemic load (overweight/obese)	DNA methylation	Crohn's disease	Whole blood	Children	30779925
cg01326048	Glycemic load (overweight/obese)	DNA methylation	Birthweight	Cord blood	Infants	31015461

cg08657492	Glycemic index (overweight/obese)	DNA methylation	Alcohol consumption	Whole blood	Adults	31789449
cg24332002	Glycemic load (overweight/obese)	DNA methylation	Birthweight	Cord blood	Infants	31015461
cg24773560	Glycemic load (overweight/obese)	DNA methylation	Alcohol consumption	Whole blood	Adults	31789449
cg24773560	Glycemic load (overweight/obese)	DNA methylation	Crohn's disease	Whole blood	Children	30779925
cg17457937	Glycemic index (overweight/obese)	DNA methylation	Alcohol consumption	Whole blood	Adults	31789449
cg15645685	Glycemic index (overweight/obese)	DNA methylation	Alcohol consumption	Whole blood	Adults	31789449
cg02054431	Glycemic index (overweight/obese)	DNA methylation	Alcohol consumption	Whole blood	Adults	31789449
cg23889772	Glycemic index (overweight/obese)	DNA methylation	Alcohol consumption	Whole blood	Adults	31789449
cg07562888	Glycemic load (overweight/obese)	DNA methylation	Alcohol consumption	Whole blood	Adults	31789449
cg25938610	Glycemic load (overweight/obese)	DNA methylation	Maternal body mass index	Cord blood	Infants	29016858
cg25970291	Glycemic load (overweight/obese)	DNA methylation	Alcohol consumption	Whole blood	Adults	31789449
cg03432618	Glycemic index (overweight/obese)	DNA methylation	Autistic Traits	Cord blood	Infants	31346403
cg20775162	Glycemic index (overweight/obese)	DNA methylation	Maternal body mass index	Cord blood	Infants	29016858
cg20775162	Glycemic index (overweight/obese)	DNA methylation	Nitrogen dioxide exposure	Whole blood	Adults	29410382
cg15012214	Glycemic load (overweight/obese)	DNA methylation	Alcohol consumption	Whole blood	Adults	31789449
cg08934660	Glycemic load (overweight/obese)	DNA methylation	Maternal body mass index	Cord blood	Infants	29016858
cg08934660	Glycemic load (overweight/obese)	DNA methylation	Nitrogen dioxide exposure	Whole blood	Adults	29410382
cg08934660	Glycemic load (overweight/obese)	DNA methylation	Maternal overweight/obesity	Cord blood	Infants	29016858
cg25367568	Glycemic load (overweight/obese)	DNA methylation	Maternal overweight/obesity	Cord blood	Infants	29016858
cg08262002	Glycemic index (overweight/obese)	DNA methylation	Nitrogen dioxide exposure	Whole blood	Adults	29410382
cg08262002	Glycemic index (overweight/obese)	DNA methylation	Maternal overweight/obesity	Cord blood	Infants	29016858
cg10807894	Glycemic index (overweight/obese)	DNA methylation	Maternal body mass index	Cord blood	Infants	29016858
cg10807894	Glycemic index (overweight/obese)	DNA methylation	Maternal overweight/obesity	Whole blood	Adults	29410382
cg16097041	Glycemic load (overweight/obese)	DNA methylation	Crohn's disease	Whole blood	Children	30779925
cg16097041	Glycemic load (overweight/obese)	DNA methylation	Crohn's disease	Whole blood	Children	30779925
cg16097041	Glycemic load (overweight/obese)	DNA methylation	Birthweight	Cord blood	Infants	31015461
cg04057642	Glycemic index (overweight/obese)	DNA methylation	Birthweight	Cord blood	Infants	33184255
cg16602747	Glycemic load (overweight/obese)	DNA methylation	ADHD	Whole blood	Adults	30343628
cg01911077	Glycemic index (overweight/obese)	DNA methylation	Nitrogen dioxide exposure	Whole blood	Adults	29410382
cg01911077	Glycemic index (overweight/obese)	DNA methylation	Birthweight	Cord blood	Infants	31015461
cg08161480	Glycemic load (overweight/obese)	DNA methylation	M32388_dodecanedioate	Whole blood	Adults	24014485
cg02291010	Glycemic load (overweight/obese)	DNA methylation	Alcohol consumption	Whole blood	Adults	31789449
cg24504349	Glycemic load (overweight/obese)	DNA methylation	Nitrogen dioxide exposure	Whole blood	Adults	29410382
cg01723892	Glycemic load (overweight/obese)	DNA methylation	gestational age	Whole blood	Infants	30966880
cg01723892	Glycemic load (overweight/obese)	DNA methylation	Birthweight	Cord blood	Infants	31015461
cg07723258	Glycemic load (overweight/obese)	DNA methylation	Nitrogen dioxide exposure	Whole blood	Adults	29410382
cg09435668	Glycemic load (overweight/obese)	eosinophila	DNA methylation	nasal polyp	Adults	32795589
cg19411557	Glycemic load (overweight/obese)	eosinophila	DNA methylation	nasal polyp	Adults	32795589
cg23632178	Glycemic load (overweight/obese)	eosinophila	DNA methylation	nasal polyp	Adults	32795589
cg21165673	Glycemic load (overweight/obese)	eosinophila	DNA methylation	nasal polyp	Adults	32795589
cg03688771	Glycemic index (normal weight)	eosinophila	DNA methylation	nasal polyp	Adults	32795589
cg15281496	Glycemic load (overweight/obese)	eosinophila	DNA methylation	nasal polyp	Adults	32795589
cg19916413	Glycemic load (overweight/obese)	eosinophila	DNA methylation	nasal polyp	Adults	32795589
cg12332383	Glycemic index (normal weight)	eosinophila	DNA methylation	nasal polyp	Adults	32795589
cg26112901	Glycemic load (overweight/obese)	eosinophila	DNA methylation	nasal polyp	Adults	32795589
cg24773560	Glycemic load (normal weight)	eosinophila	DNA methylation	nasal polyp	Adults	32795589
cg22138408	Glycemic load (normal weight)	eosinophila	DNA methylation	nasal polyp	Adults	32795589
cg04349494	Glycemic index (overweight/obese)	eosinophila	DNA methylation	nasal polyp	Adults	32795589
cg17866376	Glycemic load (overweight/obese)	eosinophila	DNA methylation	nasal polyp	Adults	32795589
cg23562160	Glycemic load (overweight/obese)	eosinophila	DNA methylation	nasal polyp	Adults	32795589
cg23674806	Glycemic load (normal weight)	eosinophila	DNA methylation	nasal polyp	Adults	32795589
cg19423170	Glycemic load (overweight/obese)	eosinophila	DNA methylation	nasal polyp	Adults	32795589
cg10304160	Glycemic index (overweight/obese)	eosinophila	DNA methylation	nasal polyp	Adults	32795589
cg01345076	Glycemic index (normal weight)	eosinophila	DNA methylation	nasal polyp	Adults	32795589
cg10807894	Glycemic index (overweight/obese)	eosinophila	DNA methylation	nasal polyp	Adults	32795589
cg21339736	Glycemic index (overweight/obese)	eosinophila	DNA methylation	nasal polyp	Adults	32795589
cg03077077	Glycemic index (overweight/obese)	eosinophila	DNA methylation	nasal polyp	Adults	32795589
cg14297063	Glycemic load (overweight/obese)	eosinophila	DNA methylation	nasal polyp	Adults	32795589
cg08064292	Glycemic load (overweight/obese)	Fetal alcohol spectrum disorder	DNA methylation	Buccal	Children	27358653
cg05761971	Glycemic load (overweight/obese)	Fetal intolerance of labor	DNA methylation	Whole blood	Adults	29235940
cg05040501	Glycemic load (overweight/obese)	Fetal vs adult liver	DNA methylation	Liver	NA	25282492
cg08064292	Glycemic load (overweight/obese)	Fetal vs adult liver	DNA methylation	Liver	NA	25282492
cg04872848	Glycemic load (overweight/obese)	Fetal vs adult liver	DNA methylation	Liver	NA	25282492
cg25603927	Glycemic index (overweight/obese)	Fetal vs adult liver	DNA methylation	Liver	NA	25282492
cg00683332	Glycemic load (overweight/obese)	Fetal vs adult liver	DNA methylation	Liver	NA	25282492
cg00913954	Glycemic index (overweight/obese)	Fetal vs adult liver	DNA methylation	Liver	NA	25282492
cg14360448	Glycemic load (overweight/obese)	Fetal vs adult liver	DNA methylation	Liver	NA	25282492
cg24147838	Glycemic index (normal weight)	Fetal vs adult liver	DNA methylation	Liver	NA	25282492
cg10672416	Glycemic load (overweight/obese)	Fetal vs adult liver	DNA methylation	Liver	NA	25282492
cg16555188	Glycemic load (overweight/obese)	Fetal vs adult liver	DNA methylation	Liver	NA	25282492
cg23889772	Glycemic index (overweight/obese)	Fetal vs adult liver	DNA methylation	Liver	NA	25282492
cg24968692	Glycemic load (overweight/obese)	Fetal vs adult liver	DNA methylation	Liver	NA	25282492
cg08529295	Glycemic index (overweight/obese)	Fetal vs adult liver	DNA methylation	Liver	NA	25282492
cg24823222	Glycemic load (overweight/obese)	Fetal vs adult liver	DNA methylation	Whole blood	Adults	25282492
cg24378421	Glycemic index (overweight/obese)	Fetal vs adult liver	DNA methylation	Liver	NA	25282492
cg08121652	Glycemic load (overweight/obese)	Fetal vs adult liver	DNA methylation	Liver	NA	25282492
cg25970491	Glycemic load (overweight/obese)	Fetal vs adult liver	DNA methylation	Liver	NA	25282492
cg07345108	Glycemic load (overweight/obese)	Fetal vs adult liver	DNA methylation	Liver	NA	25282492
cg15162330	Glycemic load (overweight/obese)	Fetal vs adult liver	DNA methylation	Liver	NA	25282492
cg03605666	Glycemic load (overweight/obese)	Fetal vs adult liver	DNA methylation	Liver	NA	25282492
cg25446789	Glycemic index (overweight/obese)	Fetal vs adult liver	DNA methylation	Liver	NA	25282492
cg19405177	Glycemic load (overweight/obese)	Fetal vs adult liver	DNA methylation	Liver	NA	25282492
cg08128087	Glycemic index (overweight/obese)	Fetal vs adult liver	DNA methylation	Liver	NA	25282492
cg11613450	Glycemic load (overweight/obese)	Fetal vs adult liver	DNA methylation	Liver	NA	25282492
cg13171764	Glycemic index (overweight/obese)	Fetal vs adult liver	DNA methylation	Liver	NA	25282492
cg13060770	Glycemic load (overweight/obese)	Fetal vs adult liver	DNA methylation	Liver	NA	25282492
cg01723892	Glycemic load (overweight/obese)	Fetal vs adult liver	DNA methylation	Liver	NA	25282492

cg07151406	Glycemic index (overweight/obese)	Fetal vs adult liver	DNA methylation	Liver	NA	25282492
cg18503679	Glycemic load (overweight/obese)	Former versus newer smoking	DNA methylation	CD4+ T cells, monocytes	Adults	27651444
cg08262002	Glycemic index (overweight/obese)	Former versus newer smoking	DNA methylation	CD4+ T cells, monocytes	Adults	27651444
cg21322819	Glycemic index (normal weight)	Former versus newer smoking	DNA methylation	CD4+ T cells, monocytes	Adults	27651444
cg02291010	Glycemic load (overweight/obese)	Gene expression of AFFYmetrix ID: 2821194 (gene symbol: CAST)	DNA methylation	Whole blood	Adults	33752734
cg12463578	Glycemic load (overweight/obese)	Gene expression of AFFYmetrix ID: 3042789 (gene symbol: GABRR1)	DNA methylation	Whole blood	Adults	33752734
cg17457637	Glycemic index (overweight/obese)	Gene expression of AFFYmetrix ID: 3157901 (gene symbol: MIR196B)	DNA methylation	Whole blood	Adults	33752734
cg21900799	Glycemic load (overweight/obese)	Gene expression of AFFYmetrix ID: 3157901 (gene symbol: PLEC)	DNA methylation	Whole blood	Adults	33752734
cg22760684	Glycemic load (overweight/obese)	Gestational age	DNA methylation	Cord blood	Infants	27717397
cg16711866	Glycemic load (overweight/obese)	Gestational age	DNA methylation	Cord blood	Infants	27717397
cg00718983	Glycemic load (overweight/obese)	Gestational age	DNA methylation	Fetal brain	NA	25650246
cg11751808	Glycemic load (overweight/obese)	Gestational age	DNA methylation	Fetal brain	NA	25650246
cg19706472	Glycemic index (overweight/obese)	Gestational age	DNA methylation	Fetal brain	NA	25650246
cg20785459	Glycemic load (overweight/obese)	Gestational age	DNA methylation	Cord blood	Infants	27717397
cg00415993	Glycemic load (overweight/obese)	Gestational age	DNA methylation	Cord blood	Infants	27717397
cg14403090	Glycemic load (overweight/obese)	Gestational age	DNA methylation	Fetal brain	NA	25650246
cg26272214	Glycemic load (overweight/obese)	Gestational age	DNA methylation	Fetal brain	NA	25650246
cg24065451	Glycemic load (overweight/obese)	Gestational age	DNA methylation	Fetal brain	NA	25650246
cg05094137	Glycemic index (normal weight)	Gestational age	DNA methylation	Cord blood	Infants	27717397
cg05094137	Glycemic index (normal weight)	Gestational age	DNA methylation	Fetal brain	NA	25650246
cg09870200	Glycemic load (overweight/obese)	Gestational age	DNA methylation	Cord blood	Infants	33564054
cg15497749	Glycemic load (overweight/obese)	Gestational age	DNA methylation	Fetal brain	NA	25650246
cg00913954	Glycemic index (overweight/obese)	Gestational age	DNA methylation	Fetal brain	NA	25650246
cg00913954	Glycemic index (overweight/obese)	Gestational age	DNA methylation	Cord blood	Infants	27717397
cg07739369	Glycemic load (overweight/obese)	Gestational age	DNA methylation	Cord blood	Infants	27717397
cg07739369	Glycemic load (overweight/obese)	Gestational age	DNA methylation	Fetal brain	NA	25650246
cg07739369	Glycemic load (overweight/obese)	Gestational age	DNA methylation	Cord blood	Infants	33564054
cg24332002	Glycemic load (overweight/obese)	Gestational age	DNA methylation	Cord blood	Infants	33564054
cg24332002	Glycemic load (overweight/obese)	Gestational age	DNA methylation	Cord blood	Infants	27717397
cg11893951	Glycemic index (overweight/obese)	Gestational age	DNA methylation	Cord blood	Infants	27717397
cg24773560	Glycemic load (overweight/obese)	Gestational age	DNA methylation	Cord blood	Infants	33564054
cg13689560	Glycemic load (overweight/obese)	Gestational age	DNA methylation	Cord blood	Infants	27717397
cg13689560	Glycemic load (overweight/obese)	Gestational age	DNA methylation	Cord blood	Infants	33564054
cg22647970	Glycemic load (overweight/obese)	Gestational age	DNA methylation	Fetal brain	NA	25650246
cg06292709	Glycemic load (overweight/obese)	Gestational age	DNA methylation	Fetal brain	NA	25650246
cg10072416	Glycemic load (overweight/obese)	Gestational age	DNA methylation	Cord blood	Infants	27717397
cg15309953	Glycemic load (overweight/obese)	Gestational age	DNA methylation	Fetal brain	NA	25650246
cg11380667	Glycemic load (overweight/obese)	Gestational age	DNA methylation	Fetal brain	NA	25650246
cg02090929	Glycemic load (overweight/obese)	Gestational age	DNA methylation	Cord blood	Infants	27717397
cg07562888	Glycemic load (overweight/obese)	Gestational age	DNA methylation	Fetal brain	NA	25650246
cg05413285	Glycemic index (overweight/obese)	Gestational age	DNA methylation	Fetal brain	NA	25650246
cg12463578	Glycemic load (overweight/obese)	Gestational age	DNA methylation	Cord blood	Infants	27717397
cg12463578	Glycemic load (overweight/obese)	Gestational age	DNA methylation	Fetal brain	NA	25650246
cg12463578	Glycemic load (overweight/obese)	Gestational age	DNA methylation	Cord blood	Infants	27717397
cg07016556	Glycemic load (overweight/obese)	Gestational age	DNA methylation	Fetal brain	NA	25650246
cg19830372	Glycemic load (overweight/obese)	Gestational age	DNA methylation	Cord blood	Infants	33564054
cg06540283	Glycemic load (overweight/obese)	Gestational age	DNA methylation	Fetal brain	NA	25650246
cg08121652	Glycemic load (overweight/obese)	Gestational age	DNA methylation	Fetal brain	NA	25650246
cg13679804	Glycemic index (normal weight)	Gestational age	DNA methylation	Cord blood	Infants	27717397
cg07345108	Glycemic load (overweight/obese)	Gestational age	DNA methylation	Cord blood	Infants	33564054
cg07345108	Glycemic load (overweight/obese)	Gestational age	DNA methylation	Cord blood	Infants	27717397
cg14873515	Glycemic load (overweight/obese)	Gestational age	DNA methylation	Cord blood	Infants	33564054
cg14873515	Glycemic load (overweight/obese)	Gestational age	DNA methylation	Cord blood	Infants	27717397
cg14511782	Glycemic load (overweight/obese)	Gestational age	DNA methylation	Cord blood	Infants	27717397
cg14435550	Glycemic load (overweight/obese)	Gestational age	DNA methylation	Cord blood	Infants	27717397
cg14435550	Glycemic load (overweight/obese)	Gestational age	DNA methylation	Cord blood	Infants	33564054
cg16842017	Glycemic load (overweight/obese)	Gestational age	DNA methylation	Fetal brain	NA	25650246
cg08262002	Glycemic index (overweight/obese)	Gestational age	DNA methylation	Fetal brain	NA	25650246
cg10807894	Glycemic index (overweight/obese)	Gestational age	DNA methylation	Fetal brain	NA	25650246
cg25446789	Glycemic index (overweight/obese)	Gestational age	DNA methylation	Cord blood	Infants	33564054
cg17175364	Glycemic load (overweight/obese)	Gestational age	DNA methylation	Cord blood	Infants	33564054
cg19405177	Glycemic load (overweight/obese)	Gestational age	DNA methylation	Fetal brain	NA	25650246
cg01911077	Glycemic index (overweight/obese)	Gestational age	DNA methylation	Cord blood	Infants	27717397
cg16735986	Glycemic load (overweight/obese)	Gestational age	DNA methylation	Fetal brain	NA	25650246
cg22097891	Glycemic index (overweight/obese)	Gestational age	DNA methylation	Fetal brain	NA	25650246
cg21322819	Glycemic index (normal weight)	Gestational age	DNA methylation	Fetal brain	NA	25650246
cg02483204	Glycemic index (overweight/obese)	Gestational age	DNA methylation	Fetal brain	NA	25650246
cg02483204	Glycemic index (overweight/obese)	Gestational age	DNA methylation	Cord blood	Infants	33564054
cg19299265	Glycemic load (overweight/obese)	Gestational age	DNA methylation	Fetal brain	NA	25650246
cg21813747	Glycemic load (overweight/obese)	Gestational age	DNA methylation	Cord blood	Infants	27717397
cg02291010	Glycemic load (overweight/obese)	Gestational age	DNA methylation	Cord blood	Infants	27717397
cg24504349	Glycemic load (overweight/obese)	Gestational age	DNA methylation	Cord blood	Infants	27717397
cg24504349	Glycemic load (overweight/obese)	Gestational age	DNA methylation	Fetal brain	NA	25650246
cg01140247	Glycemic index (overweight/obese)	Gestational age	DNA methylation	Fetal brain	NA	25650246
cg05399244	Glycemic index (overweight/obese)	Gestational age	DNA methylation	Cord blood	Infants	33564054
cg05399244	Glycemic index (overweight/obese)	Gestational age	DNA methylation	Cord blood	Infants	27717397
cg13060970	Glycemic load (overweight/obese)	Gestational age	DNA methylation	Cord blood	Infants	27717397
cg17828057	Glycemic index (overweight/obese)	Gestational age	DNA methylation	Fetal brain	NA	25650246
cg01723892	Glycemic load (overweight/obese)	Gestational age	DNA methylation	Cord blood	Infants	27717397
cg01723892	Glycemic load (overweight/obese)	Gestational age	DNA methylation	Cord blood	Infants	33564054
cg17747781	Glycemic index (overweight/obese)	gestational diabetes mellitus	DNA methylation	Cord blood	Infants	33151971
cg17747781	Glycemic index (overweight/obese)	gestational diabetes mellitus	DNA methylation	Cord blood	Infants	33151971
cg17747781	Glycemic index (overweight/obese)	gestational diabetes mellitus	DNA methylation	Cord blood	Infants	33151971
cg17747781	Glycemic index (overweight/obese)	gestational diabetes mellitus	DNA methylation	Cord blood	Infants	33151971
cg13422870	Glycemic index (overweight/obese)	HIV infection	DNA methylation	Whole blood	Adults	27105112
cg24057041	Glycemic load (overweight/obese)	HIV infection	DNA methylation	Whole blood	Adults	27105112
cg18895813	Glycemic load (overweight/obese)	HIV infection	DNA methylation	Whole blood	Adults	27105112

cg05523449	Glycemic load (overweight/obese)	HIV infection	DNA methylation	Whole blood	Adults	27105112
cg06307169	Glycemic index (overweight/obese)	HIV infection	DNA methylation	Whole blood	Adults	27105112
cg07196761	Glycemic index (overweight/obese)	HIV infection	DNA methylation	Whole blood	Adults	27105112
cg25074751	Glycemic index (overweight/obese)	HIV infection	DNA methylation	Whole blood	Adults	27105112
cg01245191	Glycemic load (overweight/obese)	HIV infection	DNA methylation	Whole blood	Adults	27105112
cg11544106	Glycemic load (overweight/obese)	HIV infection	DNA methylation	Whole blood	Adults	27105112
cg08529295	Glycemic index (overweight/obese)	HIV infection	DNA methylation	Whole blood	Adults	27105112
cg21792018	Glycemic load (overweight/obese)	HIV infection	DNA methylation	Whole blood	Adults	27105112
cg02129962	Glycemic load (overweight/obese)	HIV infection	DNA methylation	Whole blood	Adults	27105112
cg26380697	Glycemic load (overweight/obese)	HIV infection	DNA methylation	Whole blood	Adults	27105112
cg00798497	Glycemic load (overweight/obese)	HIV infection	DNA methylation	Whole blood	Adults	27105112
cg25367568	Glycemic load (overweight/obese)	HIV infection	DNA methylation	Whole blood	Adults	27105112
cg15196147	Glycemic load (overweight/obese)	HIV infection	DNA methylation	Whole blood	Adults	27105112
cg09427745	Glycemic load (overweight/obese)	HIV infection	DNA methylation	Whole blood	Adults	27105112
cg01911077	Glycemic index (overweight/obese)	HIV infection	DNA methylation	Whole blood	Adults	27105112
cg24040966	Glycemic load (overweight/obese)	HIV infection	DNA methylation	Whole blood	Adults	27105112
cg06357940	Glycemic index (overweight/obese)	HIV infection	DNA methylation	Whole blood	Adults	27105112
cg27367526	Glycemic index (overweight/obese)	homocysteine GRS	DNA methylation	Whole blood	Adults	29084233
cg24332002	Glycemic load (overweight/obese)	Hypertensive disorders of pregnancy	DNA methylation	Cord blood	Infants	31230546
cg24332002	Glycemic load (overweight/obese)	Hypertensive disorders of pregnancy	DNA methylation	Cord blood	Infants	31230546
cg08121652	Glycemic load (overweight/obese)	Hypertensive disorders of pregnancy	DNA methylation	Cord blood	Infants	31230546
cg01140247	Glycemic index (overweight/obese)	Hypertensive disorders of pregnancy	DNA methylation	Cord blood	Infants	31230546
cg01723892	Glycemic load (overweight/obese)	Hypertensive disorders of pregnancy	DNA methylation	Cord blood	Infants	31230546
cg01723892	Glycemic load (overweight/obese)	Hypertensive disorders of pregnancy	DNA methylation	Cord blood	Infants	31230546
cg10196042	Glycemic load (overweight/obese)	Inflammatory bowel disease	DNA methylation	Whole blood	Adults	27886173
cg24735660	Glycemic load (overweight/obese)	Inflammatory bowel disease	DNA methylation	Whole blood	Adults	27886173
cg16279786	Glycemic load (overweight/obese)	Inflammatory bowel disease	DNA methylation	Whole blood	Adults	27886173
cg21462596	Glycemic load (overweight/obese)	Inflammatory bowel disease	DNA methylation	Whole blood	Adults	27886173
cg08415382	Glycemic load (overweight/obese)	Maternal body mass index	DNA methylation	Cord blood	Infants	33517419
cg05423392	Glycemic load (overweight/obese)	Maternal plasma folate	DNA methylation	Cord blood	Infants	26861414
cg21420674	Glycemic index (overweight/obese)	Maternal plasma folate	DNA methylation	Cord blood	Infants	26861414
cg18895813	Glycemic load (overweight/obese)	maternal serum polyfluoroalkyl exposure (PFDA)	DNA methylation	Cord blood	Infants	33356526
cg07341220	Glycemic index (overweight/obese)	Maternal smoking in pregnancy	DNA methylation	Cord blood	Infants	27040690
cg24617171	Glycemic load (overweight/obese)	Maternal smoking in pregnancy	DNA methylation	Cord blood	Infants	27040690
cg13689560	Glycemic load (overweight/obese)	Maternal smoking in pregnancy	DNA methylation	Cord blood	Infants	27040690
cg13689560	Glycemic load (overweight/obese)	Maternal smoking in pregnancy	DNA methylation	Cord blood	Infants	27040690
cg13689560	Glycemic load (overweight/obese)	Maternal smoking in pregnancy	DNA methylation	Cord blood	Infants	27040690
cg02054431	Glycemic index (overweight/obese)	Maternal smoking in pregnancy	DNA methylation	Cord blood	Infants	27040690
cg11613450	Glycemic load (overweight/obese)	Maternal smoking in pregnancy	DNA methylation	Cord blood	Infants	27040690
cg05768032	Glycemic load (overweight/obese)	Mortality	DNA methylation	Whole blood	Geriatrics	29419728
cg00910355	Glycemic load (overweight/obese)	Mortality	DNA methylation	Whole blood	Geriatrics	29419728
cg14297063	Glycemic load (overweight/obese)	Mortality	DNA methylation	Whole blood	Geriatrics	30736869
cg10341940	Glycemic load (overweight/obese)	Optimal NICU Network Neurobehavioural Scale Profile	DNA methylation	Buccal cells	Infants	31004082
cg00913954	Glycemic index (overweight/obese)	Pancreatic ductal adenocarcinoma	DNA methylation	Pancreatic ductal adenocarcinoma, adjacent nontransformed p	NA	24500968
cg07739369	Glycemic load (overweight/obese)	Pancreatic ductal adenocarcinoma	DNA methylation	Pancreatic ductal adenocarcinoma, adjacent nontransformed p	NA	24500968
cg24773560	Glycemic load (overweight/obese)	Pancreatic ductal adenocarcinoma	DNA methylation	Pancreatic ductal adenocarcinoma, adjacent nontransformed p	NA	24500968
cg07562888	Glycemic load (overweight/obese)	Pancreatic ductal adenocarcinoma	DNA methylation	Pancreatic ductal adenocarcinoma, adjacent nontransformed p	NA	24500968
cg00064888	Glycemic load (overweight/obese)	Pancreatic ductal adenocarcinoma	DNA methylation	Pancreatic ductal adenocarcinoma, adjacent nontransformed p	NA	24500968
cg25446789	Glycemic index (overweight/obese)	Pancreatic ductal adenocarcinoma	DNA methylation	Pancreatic ductal adenocarcinoma, adjacent nontransformed p	NA	24500968
cg01723892	Glycemic load (overweight/obese)	Pancreatic ductal adenocarcinoma	DNA methylation	Pancreatic ductal adenocarcinoma, adjacent nontransformed p	NA	24500968
cg06870764	Glycemic load (overweight/obese)	Papuan ancestry	DNA methylation	Whole blood	Adults	32453742
cg20101433	Glycemic index (normal weight)	Papuan ancestry	DNA methylation	Whole blood	Adults	32453742
cg22647970	Glycemic load (overweight/obese)	Papuan ancestry	DNA methylation	Whole blood	Adults	32453742
cg05327271	Glycemic index (normal weight)	Papuan ancestry	DNA methylation	Whole blood	Adults	32453742
cg00850968	Glycemic index (overweight/obese)	Papuan ancestry	DNA methylation	Whole blood	Adults	32453742
cg08262002	Glycemic index (overweight/obese)	Papuan ancestry	DNA methylation	Whole blood	Adults	32453742
cg08951101	Glycemic index (normal weight)	Papuan ancestry	DNA methylation	Whole blood	Adults	32453742
cg13060970	Glycemic load (overweight/obese)	Papuan ancestry	DNA methylation	Whole blood	Adults	32453742
cg00588621	Glycemic load (overweight/obese)	Papuan ancestry	DNA methylation	Whole blood	Adults	32453742
cg10319602	Glycemic load (overweight/obese)	Paternal body mass index	DNA methylation	Cord blood	Infants	33517419
cg03070777	Glycemic index (overweight/obese)	Perinatally acquired HIV	DNA methylation	Whole blood	Children	31224826
cg24065451	Glycemic load (overweight/obese)	Phospholipids to total lipids ratio in LDL	DNA methylation	Whole blood	Adults	NA
cg00913954	Glycemic index (overweight/obese)	Preeclampsia	DNA methylation	Cord blood	Infants	31230546
cg19405177	Glycemic load (overweight/obese)	Preeclampsia	DNA methylation	Cord blood	Infants	31230546
cg01723892	Glycemic load (overweight/obese)	Preeclampsia	DNA methylation	Cord blood	Infants	31230546
cg07723258	Glycemic load (overweight/obese)	Preeclampsia	DNA methylation	Cord blood	Infants	31230546
cg24617171	Glycemic load (overweight/obese)	Prenatal smoke exposure	DNA methylation	Cord blood, whole blood	Infants	31536415
cg13689560	Glycemic load (overweight/obese)	Prenatal smoke exposure	DNA methylation	Cord blood, whole blood	Infants	31536415
cg02054431	Glycemic index (overweight/obese)	Prenatal smoke exposure	DNA methylation	Cord blood, whole blood	Infants	31536415
cg16097041	Glycemic load (overweight/obese)	Prenatal smoke exposure	DNA methylation	Cord blood, whole blood	Infants	31536415
cg11613450	Glycemic load (overweight/obese)	Prenatal smoke exposure	DNA methylation	Cord blood, whole blood	Infants	31536415
cg27260684	Glycemic load (overweight/obese)	Primary Sjogrens syndrome	DNA methylation	Whole blood	NA	26857698
cg05094137	Glycemic index (normal weight)	Primary Sjogrens syndrome	DNA methylation	Whole blood	NA	26857698
cg00913954	Glycemic index (overweight/obese)	Primary Sjogrens syndrome	DNA methylation	Whole blood	NA	26857698
cg27367526	Glycemic index (overweight/obese)	Primary Sjogrens syndrome	DNA methylation	Whole blood	NA	26857698
cg13679804	Glycemic index (normal weight)	Primary Sjogrens syndrome	DNA methylation	Whole blood	NA	26857698
cg07345108	Glycemic load (overweight/obese)	Primary Sjogrens syndrome	DNA methylation	Whole blood	NA	26857698
cg26300597	Glycemic load (overweight/obese)	Primary Sjogrens syndrome	DNA methylation	Whole blood	NA	26857698
cg08262002	Glycemic index (overweight/obese)	Primary Sjogrens syndrome	DNA methylation	Whole blood	NA	26857698
cg24504349	Glycemic load (overweight/obese)	Primary Sjogrens syndrome	DNA methylation	Whole blood	NA	26857698
cg05399244	Glycemic index (overweight/obese)	Primary Sjogrens syndrome	DNA methylation	Whole blood	NA	26857698
cg01723892	Glycemic load (overweight/obese)	Primary Sjogrens syndrome	DNA methylation	Whole blood	NA	26857698
cg20641660	Glycemic load (overweight/obese)	Rheumatoid arthritis	DNA methylation	Whole blood	Adults	23334450
cg18592561	Glycemic load (overweight/obese)	Rheumatoid arthritis	DNA methylation	Whole blood	Adults	23334450
cg07040338	Glycemic index (overweight/obese)	Rheumatoid arthritis	DNA methylation	Whole blood	Adults	23334450
cg02783833	Glycemic load (overweight/obese)	Rheumatoid arthritis	DNA methylation	Whole blood	Adults	23334450
cg13465890	Glycemic index (overweight/obese)	Rheumatoid arthritis	DNA methylation	Whole blood	Adults	23334450

cg19655128	Glycemic index (overweight/obese)	Rheumatoid arthritis	DNA methylation	Whole blood	Adults	23334450
cg24773560	Glycemic load (overweight/obese)	Rheumatoid arthritis	DNA methylation	Whole blood	Adults	23334450
cg24128943	Glycemic load (overweight/obese)	Rheumatoid arthritis	DNA methylation	Whole blood	Adults	23334450
cg04349494	Glycemic index (overweight/obese)	Rheumatoid arthritis	DNA methylation	Whole blood	Adults	23334450
cg22829270	Glycemic index (normal weight)	Rheumatoid arthritis	DNA methylation	Whole blood	Adults	23334450
cg09436502	Glycemic load (overweight/obese)	Rheumatoid arthritis	DNA methylation	Whole blood	Adults	23334450
cg27425709	Glycemic load (overweight/obese)	Rheumatoid arthritis	DNA methylation	Whole blood	Adults	23334450
cg24968692	Glycemic load (overweight/obese)	Rheumatoid arthritis	DNA methylation	Whole blood	Adults	23334450
cg19605773	Glycemic load (overweight/obese)	Rheumatoid arthritis	DNA methylation	Whole blood	Adults	23334450
cg15162330	Glycemic load (overweight/obese)	Rheumatoid arthritis	DNA methylation	Whole blood	Adults	23334450
cg00086498	Glycemic load (overweight/obese)	Rheumatoid arthritis	DNA methylation	Whole blood	Adults	23334450
cg02479816	Glycemic index (overweight/obese)	Rheumatoid arthritis	DNA methylation	Whole blood	Adults	23334450
cg19522467	Glycemic load (overweight/obese)	Rheumatoid arthritis	DNA methylation	Whole blood	Adults	23334450
cg08264638	Glycemic load (normal weight)	Rheumatoid arthritis	DNA methylation	Whole blood	Adults	23334450
cg24652379	Glycemic index (overweight/obese)	Rheumatoid arthritis	DNA methylation	Whole blood	Adults	23334450
cg01723892	Glycemic load (overweight/obese)	Rheumatoid arthritis	DNA methylation	Whole blood	Adults	23334450
cg27260684	Glycemic load (overweight/obese)	Right vs left colon adenomas	DNA methylation	Colon adenomas	Adults	23968178
cg19706472	Glycemic index (overweight/obese)	Schizophrenia	DNA methylation	Whole blood	Adults	33279932
cg19706472	Glycemic index (overweight/obese)	Schizophrenia	DNA methylation	Whole blood	Adults	33279932
cg10343545	Glycemic load (overweight/obese)	Schizophrenia	DNA methylation	Whole blood	Adults	33279932
cg12832565	Glycemic index (overweight/obese)	Schizophrenia	DNA methylation	Whole blood	NA	27572077
cg26300597	Glycemic load (overweight/obese)	Schizophrenia	DNA methylation	Whole blood	Adults	33279932
cg06331862	Glycemic load (overweight/obese)	Schizophrenia	DNA methylation	Whole blood	Adults	33279932
cg24201251	Glycemic load (overweight/obese)	Schizophrenia	DNA methylation	Whole blood	Adults	33279932
cg24065451	Glycemic load (overweight/obese)	Serum high-density lipoprotein cholesterol	DNA methylation	Whole blood	Geriatrics	28213390
cg24065451	Glycemic load (overweight/obese)	Serum high-density lipoprotein cholesterol	DNA methylation	Whole blood	Adults	28213390
cg14558716	Glycemic index (overweight/obese)	sex	DNA methylation	Whole blood	Children	33450751
cg20785459	Glycemic load (overweight/obese)	sex	DNA methylation	Whole blood	Children	33450751
cg06655190	Glycemic load (overweight/obese)	Sex	DNA methylation	Whole blood	Adults	26500701
cg06655190	Glycemic load (overweight/obese)	sex	DNA methylation	Whole blood	Children	33450751
cg26272214	Glycemic load (overweight/obese)	sex	DNA methylation	Whole blood	Children	33450751
cg26272214	Glycemic load (overweight/obese)	Sex	DNA methylation	Placenta	Infants	34044884
cg18592561	Glycemic load (overweight/obese)	sex	DNA methylation	Whole blood	Children	33450751
cg24065451	Glycemic load (overweight/obese)	Sex	DNA methylation	Whole blood	Adults	26500701
cg19388739	Glycemic load (overweight/obese)	sex	DNA methylation	Whole blood	Children	33450751
cg09870200	Glycemic load (overweight/obese)	sex	DNA methylation	Whole blood	Children	33450751
cg04872848	Glycemic load (overweight/obese)	Sex	DNA methylation	Whole blood	Adults	26500701
cg04872848	Glycemic load (overweight/obese)	sex	DNA methylation	Whole blood	Children	33450751
cg24892433	Glycemic load (overweight/obese)	sex	DNA methylation	Whole blood	Children	33450751
cg08415582	Glycemic load (overweight/obese)	Sex	DNA methylation	Whole blood	Adults	26500701
cg08415582	Glycemic load (overweight/obese)	sex	DNA methylation	Whole blood	Children	33450751
cg08415582	Glycemic load (overweight/obese)	sex	DNA methylation	Cord blood	Infants	26503366
cg08415582	Glycemic load (overweight/obese)	Sex	DNA methylation	Fetal brain	NA	25650246
cg13257654	Glycemic load (overweight/obese)	sex	DNA methylation	Whole blood	Children	33450751
cg13551783	Glycemic load (overweight/obese)	sex	DNA methylation	Whole blood	Children	33450751
cg07341220	Glycemic index (overweight/obese)	Sex	DNA methylation	Whole blood	Adults	26500701
cg07341220	Glycemic index (overweight/obese)	sex	DNA methylation	Whole blood	Children	33450751
cg00913954	Glycemic index (overweight/obese)	Sex	DNA methylation	Whole blood	Adults	26500701
cg01326048	Glycemic load (overweight/obese)	sex	DNA methylation	Whole blood	Children	33450751
cg22068687	Glycemic load (overweight/obese)	Sex	DNA methylation	Placenta	Infants	34044884
cg08657492	Glycemic index (overweight/obese)	Sex	DNA methylation	Placenta	Infants	34044884
cg08657492	Glycemic index (overweight/obese)	Sex	DNA methylation	Whole blood	Adults	26500701
cg24298476	Glycemic index (overweight/obese)	Sex	DNA methylation	Whole blood	Adults	26500701
cg24298476	Glycemic index (overweight/obese)	sex	DNA methylation	Whole blood	Children	33450751
cg02353154	Glycemic load (overweight/obese)	sex	DNA methylation	Whole blood	Children	33450751
cg23513183	Glycemic load (overweight/obese)	sex	DNA methylation	Whole blood	Children	33450751
cg16204509	Glycemic load (overweight/obese)	sex	DNA methylation	Whole blood	Children	33450751
cg14360448	Glycemic load (overweight/obese)	sex	DNA methylation	Whole blood	Children	33450751
cg03707256	Glycemic load (overweight/obese)	Sex	DNA methylation	Placenta	Infants	34044884
cg17811589	Glycemic load (overweight/obese)	sex	DNA methylation	Whole blood	Children	33450751
cg17857637	Glycemic index (overweight/obese)	Sex	DNA methylation	Whole blood	Adults	26500701
cg13689560	Glycemic load (overweight/obese)	sex	DNA methylation	Whole blood	Children	33450751
cg22647970	Glycemic load (overweight/obese)	Sex	DNA methylation	Placenta	Infants	34044884
cg15645685	Glycemic index (overweight/obese)	Sex	DNA methylation	Whole blood	Geriatrics	25249537
cg15645685	Glycemic index (overweight/obese)	Sex	DNA methylation	Whole blood	Adults	26500701
cg15645685	Glycemic index (overweight/obese)	sex	DNA methylation	Whole blood	Children	33450751
cg27267526	Glycemic index (overweight/obese)	sex	DNA methylation	Whole blood	Children	33450751
cg06602723	Glycemic load (overweight/obese)	sex	DNA methylation	Whole blood	Children	33450751
cg18503679	Glycemic load (overweight/obese)	Sex	DNA methylation	Whole blood	Adults	26500701
cg07455279	Glycemic load (overweight/obese)	Sex	DNA methylation	Whole blood	Adults	26500701
cg07455279	Glycemic load (overweight/obese)	sex	DNA methylation	Whole blood	Children	33450751
cg11105358	Glycemic load (overweight/obese)	Sex	DNA methylation	Whole blood	Adults	26500701
cg11105358	Glycemic load (overweight/obese)	sex	DNA methylation	Whole blood	Children	33450751
cg27525032	Glycemic load (overweight/obese)	Sex	DNA methylation	Whole blood	Adults	26500701
cg27525032	Glycemic load (overweight/obese)	Sex	DNA methylation	Whole blood	Adults	26500701
cg27421105	Glycemic index (overweight/obese)	sex	DNA methylation	Whole blood	Children	33450751
cg16279786	Glycemic load (overweight/obese)	sex	DNA methylation	Whole blood	Children	33450751
cg16279786	Glycemic load (overweight/obese)	Sex	DNA methylation	Whole blood	Adults	26500701
cg23562160	Glycemic load (overweight/obese)	Sex	DNA methylation	Whole blood	Adults	26500701
cg02099929	Glycemic load (overweight/obese)	Sex	DNA methylation	Whole blood	Adults	26500701
cg24378421	Glycemic index (overweight/obese)	Sex	DNA methylation	Whole blood	Adults	26500701
cg24378421	Glycemic index (overweight/obese)	sex	DNA methylation	Whole blood	Children	33450751
cg05413285	Glycemic index (overweight/obese)	sex	DNA methylation	Whole blood	Children	33450751
cg25496104	Glycemic index (overweight/obese)	sex	DNA methylation	Whole blood	Children	33450751
cg03816707	Glycemic load (overweight/obese)	Sex	DNA methylation	Whole blood	Adults	26500701
cg03816707	Glycemic load (overweight/obese)	sex	DNA methylation	Whole blood	Children	33450751
cg05269359	Glycemic load (overweight/obese)	Sex	DNA methylation	Placenta	Infants	34044884

[illegible]

Table S12. Associations between age and sex and GI/GL for the identified CpGs in the TEENDIAB cohort							
CpG	Beta coefficient (age)	Beta coefficient (sex)	nominal P-value (age)	nominal P-value (sex)	FDR-corrected P-value (age)	FDR-corrected P-value (sex)	
cg05859578	-4.29E-04	-4.62E-03	6.86E-01	9.80E-02	1	1	
cg08749419	-5.95E-04	-2.05E-03	5.91E-01	4.80E-01	1	1	
cg23120601	-1.18E-03	-7.90E-04	3.84E-01	8.25E-01	1	1	
cg01790002	-2.81E-04	4.44E-03	7.41E-01	4.71E-02	1	1	
cg20938391	4.05E-05	7.46E-03	9.89E-01	3.42E-01	1	1	
cg15645685	-1.07E-03	2.90E-02	7.07E-01	1.49E-04	1	0.1577	
cg19655128	6.32E-04	-3.60E-03	6.72E-01	3.58E-01	1	1	
cg08128087	3.59E-04	-3.85E-02	8.93E-01	1.19E-07	1	0.0005	
cg08893641	1.20E-04	-1.34E-03	8.47E-01	4.1E-01	1	1	
cg06307169	-1.78E-04	-1.84E-03	6.68E-01	8.52E-02	1	1	
cg0651234	-1.17E-03	-9.88E-03	2.84E-01	6.31E-04	1	0.4217	
cg25074751	3.72E-05	-3.50E-04	9.07E-01	6.73E-01	1	1	
cg23889772	4.66E-03	-3.41E-03	2.24E-03	3.91E-01	1	1	
cg08529295	2.67E-03	7.96E-04	2.19E-01	8.89E-01	1	1	
cg11893951	1.11E-03	-6.96E-03	5.37E-01	1.38E-01	1	1	
cg1709645	-5.65E-03	-1.69E-02	8.60E-02	4.97E-02	1	1	
cg02461739	-4.00E-04	2.01E-03	4.68E-01	1.62E-01	1	1	
cg03077077	5.19E-03	5.09E-03	1.52E-01	5.90E-01	1	1	
cg21322819	1.14E-05	4.35E-04	9.83E-01	7.51E-01	1	1	
cg07341220	1.67E-03	-8.72E-03	6.60E-01	3.85E-01	1	1	
cg13117164	6.95E-04	1.77E-03	2.31E-01	2.44E-01	1	1	
cg16350249	-4.95E-03	2.90E-02	7.61E-02	6.90E-01	1	1	
cg13465890	-1.41E-04	3.50E-04	6.12E-01	6.29E-01	1	1	
cg2742115	2.99E-03	8.40E-03	8.30E-02	6.35E-02	1	1	
cg07980773	-2.24E-03	3.70E-03	2.80E-01	4.97E-01	1	1	
cg17828057	5.42E-03	2.95E-03	1.92E-01	7.86E-01	1	1	
cg08743514	2.95E-05	-1.03E-04	9.67E-01	9.56E-01	1	1	
cg27070405	-6.06E-03	-8.57E-03	2.09E-02	2.13E-01	1	1	
cg03432618	-1.18E-05	-3.27E-03	9.77E-01	2.93E-03	1	1	
cg08906056	1.68E-04	-2.52E-03	9.34E-01	6.34E-01	1	1	
cg04057642	-6.82E-03	1.01E-02	6.74E-03	1.25E-01	1	1	
cg16563171	1.54E-03	1.59E-03	1.08E-01	5.27E-01	1	1	
cg23239239	1.29E-04	-6.40E-04	6.90E-01	4.49E-01	1	1	
cg27302237	-5.88E-03	-1.47E-02	7.03E-03	9.51E-03	1	1	
cg25222252	-9.91E-05	-1.32E-04	5.06E-01	7.36E-01	1	1	
cg04813149	-1.09E-03	-6.57E-04	6.49E-02	6.70E-01	1	1	
cg26502715	3.49E-04	-4.39E-03	5.32E-01	3.30E-03	1	1	
cg02795334	7.29E-03	1.32E-03	1.494E-02	8.92E-01	1	1	
cg23979983	3.80E-03	-3.56E-02	3.78E-01	1.92E-03	1	0.8564	
cg17457637	-5.31E-03	7.07E-03	3.64E-01	6.43E-01	1	1	
cg04426554	-1.45E-03	-6.06E-04	3.87E-02	7.39E-01	1	1	
cg01530292	-2.07E-03	-2.71E-03	3.55E-01	6.42E-01	1	1	
cg04126424	8.95E-04	6.47E-03	7.90E-01	4.66E-01	1	1	
cg22097891	1.63E-04	-3.33E-04	8.11E-01	8.51E-01	1	1	
cg13422870	-1.54E-04	-4.56E-03	7.87E-01	2.60E-03	1	1	
cg18079823	-2.01E-03	-2.35E-03	1.57E-01	5.29E-01	1	1	
cg1807894	-2.90E-03	-1.29E-02	1.26E-01	1.03E-02	1	1	
cg00774406	1.91E-03	-1.11E-03	1.39E-01	7.42E-01	1	1	
cg16096180	-8.66E-04	-8.52E-03	5.08E-01	1.36E-02	1	1	
cg19802547	-2.88E-03	-1.03E-02	1.60E-01	5.51E-02	1	1	
cg07976823	-1.84E-03	-5.24E-03	4.14E-01	3.73E-01	1	1	
cg24618945	-3.55E-03	-7.18E-03	1.96E-01	3.16E-01	1	1	
cg16645453	-1.57E-05	-4.33E-04	9.17E-01	2.69E-01	1	1	
cg08160970	-9.26E-04	-1.61E-03	1.63E-01	2.99E-01	1	1	
cg24762053	-7.70E-04	-5.46E-03	6.43E-01	2.14E-01	1	1	
cg00087645	-1.48E-04	-7.28E-04	4.74E-01	1.78E-01	1	1	
cg00850068	1.34E-04	1.03E-03	7.89E-01	4.34E-01	1	1	
cg05432558	7.04E-03	-2.14E-02	1.21E-01	7.03E-02	1	1	
cg02969380	-8.11E-04	-2.50E-03	2.71E-01	1.98E-01	1	1	
cg01160763	-3.17E-03	9.32E-03	5.84E-02	3.30E-02	1	1	
cg15777599	-1.30E-04	4.88E-04	5.63E-01	4.06E-01	1	1	
cg02994628	-3.58E-04	2.79E-03	3.73E-01	8.31E-03	1	1	
cg25603927	-8.92E-03	-2.50E-02	8.65E-02	6.62E-02	1	1	
cg07513425	-7.26E-04	5.38E-04	3.51E-01	7.92E-01	1	1	
cg2011433	-4.95E-03	-5.43E-03	3.58E-02	3.80E-01	1	1	
cg03116409	-2.62E-06	-5.38E-04	9.89E-01	2.78E-01	1	1	
cg14051770	-3.24E-05	-1.43E-02	9.87E-01	5.73E-03	1	1	
cg02483204	-4.59E-03	5.20E-03	1.09E-01	4.86E-01	1	1	
cg0895111	-6.05E-03	-3.92E-03	1.16E-02	5.35E-01	1	1	
cg2234391	-7.35E-04	-1.08E-04	1.53E-01	9.36E-01	1	1	
cg1669646	1.74E-03	-3.70E-04	9.85E-02	8.93E-01	1	1	
cg21339736	7.32E-04	2.19E-04	9.14E-02	8.47E-01	1	1	
cg18840037	-5.34E-04	1.17E-03	2.83E-01	3.72E-01	1	1	
cg08262002	-1.06E-02	-2.26E-03	1.77E-11	5.59E-01	8.23E-06	1	
cg19706472	-1.03E-03	1.19E-04	6.62E-04	8.80E-01	1	1	
cg02184558	1.25E-02	6.83E-02	1.54E-01	3.41E-03	1	1	
cg15415571	-9.03E-04	1.71E-03	8.18E-02	2.09E-01	1	1	
cg03360656	-2.52E-04	9.06E-03	8.87E-01	5.42E-02	1	1	
cg19821999	6.34E-03	1.86E-03	1.54E-01	8.73E-01	1	1	
cg23811160	7.82E-04	-6.50E-03	7.71E-01	3.58E-01	1	1	
cg1349674	-5.29E-03	-6.17E-03	2.24E-01	5.86E-01	1	1	
cg17282830	2.24E-03	-6.57E-03	1.34E-01	9.42E-02	1	1	
cg22460923	2.63E-05	1.20E-02	9.84E-01	7.47E-04	1	0.4702	
cg23427404	-5.56E-03	-1.91E-02	1.68E-01	7.22E-02	1	1	
cg25852019	-9.90E-04	-2.16E-03	5.03E-02	1.04E-01	1	1	
cg15264825	-2.84E-03	-3.58E-03	1.44E-01	4.78E-01	1	1	
cg03688771	-8.38E-04	-7.81E-03	6.21E-01	8.01E-02	1	1	
cg07777964	-1.35E-03	-9.41E-05	4.92E-04	9.26E-01	1	1	
cg08380316	-1.76E-03	3.04E-03	4.38E-01	6.07E-01	1	1	
cg03954353	-5.53E-04	9.31E-04	4.70E-01	6.42E-01	1	1	
cg03128522	-4.66E-04	-1.17E-02	9.33E-01	4.21E-01	1	1	
cg00719768	3.65E-03	2.91E-03	2.27E-01	7.12E-01	1	1	
cg20885621	-9.09E-04	-5.95E-05	1.70E-01	9.73E-01	1	1	
cg19157956	1.87E-04	8.53E-04	6.33E-01	4.07E-01	1	1	
cg25934824	-8.39E-05	-1.15E-03	8.74E-01	4.08E-01	1	1	
cg12625126	-1.83E-03	-5.17E-03	1.25E-01	9.63E-02	1	1	
cg04125341	3.38E-03	2.08E-03	1.59E-01	7.40E-01	1	1	
cg03827836	-5.55E-04	1.84E-03	3.38E-01	2.24E-01	1	1	
cg20885078	7.55E-06	-2.13E-04	9.57E-01	5.65E-01	1	1	
cg02439540	-1.94E-03	-1.19E-02	1.88E-01	2.48E-03	1	0.9989	
cg15432367	1.23E-03	4.05E-03	1.67E-01	8.18E-02	1	1	
cg00008075	-1.30E-02	-8.59E-03	8.09E-03	5.00E-01	1	1	
cg01566217	2.16E-04	7.18E-04	3.14E-01	1.97E-01	1	1	
cg12571155	1.59E-03	1.46E-03	8.25E-02	5.41E-01	1	1	
cg23605244	-1.21E-04	-6.63E-03	9.30E-01	6.69E-02	1	1	
cg23739390	-2.71E-04	8.77E-04	4.22E-01	3.20E-01	1	1	
cg00961418	-2.53E-03	-5.51E-03	1.91E-01	2.74E-01	1	1	
cg20479816	-6.67E-05	-1.63E-03	8.74E-01	1.36E-01	1	1	
cg12884719	-9.67E-04	-1.39E-02	7.36E-01	6.76E-02	1	1	
cg09369190	-1.26E-03	-3.64E-03	1.83E-02	9.75E-03	1	1	
cg1636896	-3.69E-04	-1.11E-03	5.59E-01	5.00E-01	1	1	
cg11237901	-3.01E-03	2.63E-03	5.01E-01	8.21E-01	1	1	
cg13679804	-7.39E-03	1.12E-03	6.43E-02	9.14E-01	1	1	
cg1304160	-3.73E-04	-2.15E-03	4.66E-01	1.16E-01	1	1	

cg27386718	1.96E-04	7.69E-04	7.64E-01	6.53E-01	1	1
cg09854726	1.68E-03	-2.35E-02	1.25E-01	4.13E-01	1	1
cg24225492	-3.18E-04	-2.23E-03	4.24E-01	3.13E-02	1	1
cg16644477	8.57E-05	-2.24E-03	8.17E-01	2.11E-02	1	1
cg01407748	9.42E-05	-1.03E-03	8.69E-01	4.92E-01	1	1
cg08271400	-3.27E-05	-1.48E-03	8.74E-01	6.79E-03	1	1
cg01245155	-1.14E-03	-6.84E-03	3.27E-01	2.70E-02	1	1
cg25082074	-1.98E-03	-1.17E-02	3.78E-01	4.90E-02	1	1
cg08954776	-1.39E-04	-1.86E-04	8.12E-01	9.03E-01	1	1
cg08657492	-4.97E-04	6.36E-03	9.28E-01	6.59E-01	1	1
cg15892776	1.53E-04	9.48E-04	7.51E-01	4.50E-01	1	1
cg22879270	1.64E-04	1.83E-04	2.11E-01	5.97E-01	1	1
cg1506615	-3.58E-03	8.21E-03	8.11E-02	1.23E-01	1	1
cg1257671	-4.15E-04	4.54E-03	6.99E-01	1.1E-01	1	1
cg03639429	-3.92E-04	-5.36E-04	7.14E-01	8.50E-01	1	1
cg23237607	3.09E-04	6.14E-04	9.00E-01	9.24E-01	1	1
cg19784286	-9.25E-04	-5.23E-03	1.78E-01	4.30E-03	1	1
cg16533029	1.20E-03	-2.66E-02	7.40E-01	4.89E-03	1	1
cg25687360	-5.12E-04	7.36E-04	9.36E-02	3.58E-01	1	1
cg2211973	-2.27E-03	1.01E-02	3.24E-01	9.03E-02	1	1
cg19989895	-1.86E-03	-1.91E-03	8.67E-02	5.03E-01	1	1
cg07196761	-8.93E-05	-8.30E-04	6.83E-01	1.50E-01	1	1
cg24363299	1.45E-03	2.67E-03	4.98E-01	6.32E-01	1	1
cg12652118	-5.35E-04	2.80E-03	6.79E-01	4.04E-01	1	1
cg26132518	-5.48E-04	-1.25E-03	4.13E-01	4.75E-01	1	1
cg01140247	-2.11E-03	-7.49E-03	2.06E-01	8.57E-02	1	1
cg22264898	7.58E-04	-8.16E-03	8.46E-01	4.27E-01	1	1
cg01458659	-6.17E-06	3.12E-03	9.95E-01	2.08E-01	1	1
cg1443101	5.80E-04	1.48E-03	4.26E-01	4.38E-01	1	1
cg15047408	2.34E-03	5.60E-04	1.07E-01	8.82E-01	1	1
cg2617055	-1.51E-04	-9.64E-04	4.84E-01	8.92E-02	1	1
cg21859546	-1.79E-03	-2.70E-02	7.19E-01	3.93E-02	1	1
cg2923814	-3.24E-03	-1.19E-02	3.58E-01	2.34E-01	1	1
cg1282565	-2.40E-03	-1.16E-02	2.46E-01	3.09E-02	1	1
cg05336486	6.41E-05	1.69E-02	9.74E-01	1.22E-03	1	0.6463
cg24278421	-2.12E-03	2.74E-02	4.96E-01	9.34E-04	1	0.5447
cg04891843	-1.77E-04	2.51E-04	3.98E-01	6.48E-01	1	1
cg25446789	1.79E-04	-2.21E-02	9.34E-01	1.25E-04	1	0.1392
cg05399244	-5.69E-03	-1.04E-02	1.59E-01	3.23E-01	1	1
cg13679817	-1.01E-03	-1.81E-03	1.32E-01	3.04E-01	1	1
cg16655805	1.36E-03	-2.37E-03	4.26E-01	5.91E-01	1	1
cg2549614	-9.96E-04	-1.28E-03	2.79E-02	2.73E-01	1	1
cg21788902	1.17E-05	-4.31E-04	9.78E-01	6.98E-01	1	1
cg05413285	-1.75E-03	-4.22E-03	7.93E-02	1.06E-01	1	1
cg05094137	-6.03E-04	-1.08E-02	7.17E-01	1.45E-02	1	1
cg26153425	-1.75E-03	-1.67E-02	6.26E-01	7.78E-02	1	1
cg27367526	-2.52E-03	2.63E-02	2.95E-01	4.68E-05	1	0.0669
cg1138206	-2.45E-04	1.73E-03	7.40E-01	3.69E-01	1	1
cg06950346	-4.54E-03	-4.68E-03	6.94E-03	2.83E-01	1	1
cg05747251	1.03E-04	-4.71E-03	9.29E-01	1.23E-01	1	1
cg15449979	-9.70E-04	-3.75E-01	2.78E-02	1.1E-01	1	1
cg12055844	9.74E-04	-5.65E-04	1.32E-02	5.81E-01	1	1
cg08158042	-8.52E-04	-2.49E-04	9.07E-02	8.49E-01	1	1
cg27039257	-4.57E-03	-1.40E-02	0.08347	4.25E-02	1	1
cg20319484	-1.11E-03	-3.32E-04	0.19954	8.83E-01	1	1
cg14228029	-1.64E-04	6.33E-04	0.93033	8.97E-01	1	1
cg03185855	-4.15E-03	-4.70E-03	0.08922	4.63E-01	1	1
cg0803614	-1.39E-03	-3.22E-03	0.02129	4.08E-02	1	1
cg06453421	-1.64E-03	-1.16E-02	0.07204	2.70E-06	1	0.0072
cg21248089	-2.65E-03	-8.86E-03	0.46098	3.46E-01	1	1
cg05235903	-6.46E-05	-9.50E-04	0.65061	1.1E-02	1	1
cg1402715	-4.16E-04	-6.67E-03	0.57928	8.32E-04	1	0.5045
cg11566411	-4.59E-03	-1.48E-02	0.00575	6.97E-04	1	0.4501
cg01845076	6.47E-03	4.84E-03	0.11340	6.51E-01	1	1
cg05164421	1.46E-04	4.04E-03	0.92249	3.1E-01	1	1
cg19235886	-3.94E-04	-4.19E-03	0.77659	2.55E-01	1	1
cg12323883	-3.60E-03	-6.1E-03	0.23819	4.45E-01	1	1
cg07040338	-6.38E-04	7.66E-07	0.01217	9.99E-01	1	1
cg17747781	-5.63E-03	1.38E-02	0.01725	2.43E-02	1	1
cg06289282	-1.68E-04	-4.86E-04	0.54544	5.07E-01	1	1
cg07138414	-1.20E-04	1.33E-03	0.80162	2.87E-01	1	1
cg19363465	-1.90E-03	8.57E-03	0.09943	5.05E-03	1	1
cg02914589	-4.12E-03	-1.07E-02	0.04230	4.44E-02	1	1
cg12022532	-1.69E-03	1.03E-03	0.08167	6.81E-01	1	1
cg23229584	-9.85E-04	-1.60E-03	0.00168	4.77E-02	1	1
cg04831280	6.61E-04	-3.59E-03	0.41927	8.96E-02	1	1
cg06357940	5.83E-04	-3.54E-03	0.25862	9.83E-03	1	1
cg17660251	-2.37E-04	-1.30E-03	0.59718	2.69E-01	1	1
cg00418087	-6.38E-04	-9.82E-04	0.01585	1.53E-01	1	1
cg16777780	-1.49E-03	-1.07E-02	0.4261	3.19E-02	1	1
cg21420674	-3.07E-04	-3.31E-02	0.88184	6.16E-09	1	4.54E-05
cg27412523	-7.00E-04	1.01E-03	0.57324	7.56E-01	1	1
cg24652379	-4.77E-04	8.31E-04	0.05133	1.96E-01	1	1
cg07456387	-4.18E-03	-2.97E-03	0.00188	3.90E-01	1	1
cg24147838	1.87E-04	2.22E-03	0.92675	1.76E-01	1	1
cg15506702	1.32E-03	-2.65E-03	0.05195	1.40E-01	1	1
cg04987950	7.66E-05	-4.40E-04	0.79172	5.59E-01	1	1
cg21189242	3.34E-04	-4.58E-05	0.27375	9.54E-01	1	1
cg20715159	-1.89E-03	-3.76E-03	0.27827	4.12E-01	1	1
cg12736692	2.48E-04	-9.57E-04	0.74848	6.36E-01	1	1
cg23264059	-6.22E-05	-1.12E-03	0.72928	1.81E-02	1	1
cg14272204	-2.02E-04	2.27E-04	0.79427	9.11E-01	1	1
cg21900799	-3.18E-03	-6.80E-03	0.38680	4.83E-01	1	1
cg19830372	-1.60E-04	5.91E-04	0.76664	6.76E-01	1	1
cg08915171	1.52E-03	2.04E-03	0.26547	5.67E-01	1	1
cg08121652	1.70E-03	2.52E-03	0.32313	5.78E-01	1	1
cg12757684	-1.09E-03	-5.54E-03	0.44207	1.41E-01	1	1
cg03686959	9.00E-04	-3.16E-03	0.33113	1.96E-01	1	1
cg26474270	-2.20E-04	-3.78E-03	0.78411	7.26E-02	1	1
cg16735986	-3.90E-04	2.38E-04	0.27446	8.00E-01	1	1
cg16583193	-4.64E-05	-1.88E-04	0.93058	1.84E-01	1	1
cg08415582	1.19E-03	5.08E-02	0.71862	2.04E-08	1	0.0001
cg23531383	1.63E-03	-1.40E-02	0.40861	7.04E-03	1	1
cg26300597	-3.34E-03	6.11E-03	0.03840	1.47E-01	1	1
cg07723258	1.14E-03	-1.41E-02	0.40529	1.21E-04	1	0.1342
cg04343459	-2.52E-04	-7.09E-04	0.46520	4.35E-01	1	1
cg09435668	3.04E-03	-3.62E-03	0.35465	6.72E-01	1	1
cg21964391	-1.44E-03	1.81E-03	0.03707	3.16E-01	1	1
cg26509139	2.26E-04	1.96E-04	0.39349	7.76E-01	1	1
cg06602723	9.69E-04	2.29E-02	0.77395	9.87E-03	1	1
cg2414567	8.17E-04	-5.46E-04	0.34787	8.11E-01	1	1
cg16622906	6.54E-03	-1.20E-02	0.04322	1.55E-01	1	1
cg18441811	8.14E-05	4.84E-04	0.77455	5.13E-01	1	1
cg01708711	-7.98E-04	-1.04E-03	0.35948	6.50E-01	1	1
cg05492660	-9.38E-05	1.59E-03	0.95199	6.94E-01	1	1
cg00611227	-1.39E-03	6.30E-04	0.05134	7.35E-01	1	1

cg03816707	4.66E-03	2.36E-02	0.01219	2.81E-06	1	0.0074
cg14297062	5.25E-05	1.19E-05	0.82087	9.84E-01	1	1
cg02783833	2.67E-04	-3.82E-04	0.62333	7.88E-01	1	1
cg18503679	5.70E-04	-4.37E-03	0.21801	3.27E-04	1	0.2697
cg06265811	-2.21E-04	-1.11E-03	0.60616	3.25E-01	1	1
cg04872848	-4.69E-03	1.89E-02	0.08144	7.59E-03	1	1
cg05523449	1.15E-03	-5.69E-04	0.05860	7.18E-01	1	1
cg19165274	-6.31E-05	1.65E-02	0.98604	8.09E-02	1	1
cg13060970	9.60E-04	-1.15E-02	0.48172	1.75E-03	1	0.8027
cg13689560	4.43E-04	3.03E-03	0.72380	3.58E-01	1	1
cg14360448	8.74E-04	-9.31E-03	0.55471	1.77E-02	1	1
cg07016556	-2.51E-03	2.16E-03	0.33049	7.51E-01	1	1
cg1115358	2.26E-03	5.26E-03	0.16700	2.22E-01	1	1
cg24040966	3.08E-05	-4.48E-04	0.90222	4.96E-01	1	1
cg03707256	3.73E-04	1.47E-03	0.65738	5.06E-01	1	1
cg26272214	-3.42E-03	1.49E-02	0.08631	3.99E-03	1	1
cg0068332	3.75E-03	-5.77E-03	0.02165	1.77E-01	1	1
cg25367568	-1.66E-03	-3.94E-03	0.28435	3.30E-01	1	1
cg14341131	-2.07E-03	-3.55E-03	0.35344	5.40E-01	1	1
cg19299265	-4.59E-03	2.06E-02	0.01894	7.95E-05	1	0.0992
cg16883132	-1.31E-03	-1.29E-03	0.08883	5.23E-01	1	1
cg24065451	-6.66E-03	1.12E-02	0.04859	2.06E-01	1	1
cg12732334	-2.12E-03	-7.20E-03	0.60567	5.00E-01	1	1
cg09427273	-9.95E-04	-5.59E-03	0.1920	5.84E-04	1	0.3989
cg20641660	3.60E-04	-1.75E-03	0.06684	8.79E-04	1	0.5202
cg27254338	-2.89E-03	-5.01E-03	0.06529	2.22E-01	1	1
cg19423170	5.57E-04	-1.17E-02	0.84997	1.33E-01	1	1
cg1666199	1.12E-03	8.91E-03	0.64473	1.66E-01	1	1
cg06715661	-4.63E-04	-5.55E-05	0.47154	9.74E-01	1	1
cg02648015	-7.45E-04	-2.93E-03	0.25682	9.09E-02	1	1
cg16724216	-3.77E-04	-5.83E-03	0.73389	4.58E-02	1	1
cg11120516	3.51E-05	8.39E-05	0.78471	8.01E-01	1	1
cg00176020	-1.16E-03	-1.14E-02	0.41980	3.01E-03	1	1
cg05423392	2.23E-03	-1.33E-03	0.48956	8.77E-01	1	1
cg19605773	-1.95E-04	2.13E-04	1.74E-01	5.70E-01	1	1
cg16049584	-9.60E-05	-6.46E-04	5.64E-01	1.41E-01	1	1
cg07908697	-1.06E-04	9.73E-04	8.17E-01	4.22E-01	1	1
cg05853306	-4.07E-04	1.12E-04	4.34E-01	9.35E-01	1	1
cg05041307	7.33E-04	3.06E-03	4.72E-01	2.48E-01	1	1
cg09387528	1.84E-04	-6.29E-04	8.72E-01	8.33E-01	1	1
cg02353154	-3.43E-03	1.91E-02	3.02E-01	2.86E-02	1	1
cg02715572	-1.52E-03	7.64E-03	4.46E-01	1.44E-01	1	1
cg24201251	1.26E-03	-3.75E-03	1.86E-01	1.35E-01	1	1
cg14736911	-4.72E-03	-9.84E-03	3.26E-02	8.58E-02	1	1
cg23979520	-9.28E-05	2.80E-04	8.44E-01	8.22E-01	1	1
cg02129962	3.38E-04	-1.87E-03	5.22E-01	1.77E-01	1	1
cg1668185	-1.48E-04	2.88E-04	4.36E-01	5.60E-01	1	1
cg15676371	-3.68E-04	-2.38E-04	6.40E-02	6.47E-01	1	1
cg14403090	-1.91E-05	-3.90E-04	8.71E-01	2.04E-01	1	1
cg15282031	4.93E-04	-2.67E-02	9.08E-01	1.88E-02	1	1
cg08621168	-2.14E-04	2.88E-04	3.37E-01	6.21E-01	1	1
cg16220593	-2.09E-03	-1.57E-02	2.1E-01	6.29E-04	1	0.4190
cg17566238	4.85E-05	2.05E-04	8.89E-01	8.23E-01	1	1
cg06462044	-1.41E-03	-6.02E-03	2.56E-01	6.39E-02	1	1
cg24504349	-2.60E-03	-1.38E-02	4.92E-01	1.66E-01	1	1
cg14723638	-8.68E-05	-1.19E-03	7.09E-01	5.30E-02	1	1
cg16097041	1.40E-03	-3.78E-03	2.66E-01	2.52E-01	1	1
cg2268141	-4.43E-03	1.18E-03	6.82E-02	8.53E-01	1	1
cg01723892	-4.58E-03	-9.65E-03	8.16E-02	1.60E-01	1	1
cg01766844	8.98E-05	-1.78E-03	6.55E-01	1.02E-03	1	0.5729
cg14216173	1.45E-04	-7.72E-04	5.90E-01	2.74E-01	1	1
cg08161480	2.44E-03	-8.51E-03	2.50E-01	1.29E-01	1	1
cg27425709	-1.30E-04	-1.25E-03	6.97E-01	1.50E-01	1	1
cg09277575	-7.95E-04	3.02E-03	4.52E-01	2.76E-01	1	1
cg18816605	1.78E-04	-3.51E-04	7.03E-01	7.73E-01	1	1
cg24892433	1.1E-03	8.93E-03	4.31E-01	1.50E-02	1	1
cg02075976	2.00E-04	-4.93E-03	8.97E-01	2.77E-01	1	1
cg02242004	-1.41E-03	2.89E-02	6.59E-01	6.52E-04	1	0.4291
cg27491277	2.23E-04	4.40E-04	5.84E-01	6.81E-01	1	1
cg2593801	-1.06E-03	-1.25E-03	2.42E-03	1.68E-01	1	1
cg08222069	-1.62E-04	-6.05E-04	7.97E-01	7.13E-01	1	1
cg22555440	-4.80E-04	-3.76E-04	4.19E-01	8.08E-01	1	1
cg09317403	1.47E-04	-1.51E-03	4.69E-01	4.85E-03	1	1
cg15309953	-2.86E-04	-1.54E-02	9.42E-01	1.36E-01	1	1
cg16908944	-7.12E-04	-2.01E-03	5.24E-02	3.68E-02	1	1
cg03983890	2.1E-05	-1.67E-04	9.60E-01	8.82E-01	1	1
cg05269359	2.24E-04	-3.33E-03	5.39E-01	6.75E-04	1	0.4383
cg13907034	-1.67E-03	-3.45E-03	1.62E-03	1.20E-02	1	1
cg1402161	2.94E-04	-1.25E-03	2.70E-01	7.51E-02	1	1
cg15497249	-4.20E-05	1.79E-04	8.41E-01	7.46E-01	1	1
cg13257654	1.83E-03	-8.55E-03	4.11E-01	1.41E-01	1	1
cg27120437	-3.34E-03	-1.34E-02	1.67E-01	3.49E-02	1	1
cg16204509	-3.19E-04	7.15E-03	8.96E-01	2.63E-01	1	1
cg24968692	3.47E-04	-1.13E-03	6.98E-02	2.33E-02	1	1
cg07589563	-2.89E-06	1.29E-06	9.88E-01	9.98E-01	1	1
cg19742870	9.67E-04	-1.26E-02	4.77E-01	4.16E-04	1	0.3185
cg24071676	-8.61E-04	-2.39E-04	9.89E-03	7.81E-01	1	1
cg07562888	-2.33E-04	-1.44E-03	6.62E-01	2.98E-01	1	1
cg09758167	6.22E-04	-4.70E-04	1.06E-01	6.39E-01	1	1
cg20785459	-5.24E-04	-9.27E-04	2.24E-01	4.11E-01	1	1
cg09427745	-2.28E-03	1.27E-03	1.21E-02	5.93E-01	1	1
cg23803838	-6.51E-04	7.70E-05	1.12E-01	9.42E-01	1	1
cg12787530	-3.94E-04	-1.08E-03	4.13E-01	3.94E-01	1	1
cg05761971	-4.15E-04	1.47E-04	4.90E-01	9.26E-01	1	1
cg25800356	4.12E-05	-1.81E-03	8.48E-01	1.54E-03	1	0.741
cg24309215	-1.23E-04	-1.55E-02	9.78E-01	1.84E-01	1	1
cg05040501	2.27E-04	5.25E-04	5.39E-01	5.91E-01	1	1
cg24823222	-1.29E-04	-9.76E-04	4.83E-01	4.15E-02	1	1
cg06292709	-1.22E-03	-1.84E-03	9.57E-02	3.38E-01	1	1
cg09436502	-7.85E-04	-2.24E-03	3.40E-01	3.00E-01	1	1
cg11789528	-7.15E-04	-1.39E-03	5.79E-02	1.72E-01	1	1
cg08934660	-2.51E-05	8.16E-04	9.63E-01	5.65E-01	1	1
cg16602747	-1.00E-03	-5.99E-03	4.77E-01	1.03E-01	1	1
cg0734518	-2.25E-03	-1.20E-02	2.15E-01	1.23E-02	1	1
cg07568032	-5.12E-03	-6.01E-03	1.02E-01	4.61E-01	1	1
cg11647944	-7.26E-05	-1.15E-03	7.71E-01	7.79E-02	1	1
cg19388739	-1.60E-03	9.76E-04	4.95E-01	8.74E-01	1	1
cg17811589	-5.16E-03	8.17E-03	3.22E-02	1.93E-01	1	1
cg09060081	-2.98E-04	-1.60E-04	5.07E-01	8.92E-01	1	1
cg06540283	-3.31E-04	-2.65E-04	2.20E-01	7.1E-01	1	1
cg01245191	-1.03E-04	2.61E-04	8.73E-01	8.77E-01	1	1
cg14302428	7.42E-04	-6.77E-03	4.65E-01	1.23E-02	1	1
cg07944721	-1.59E-03	-2.71E-03	1.16E-01	3.08E-01	1	1
cg08264638	-3.42E-04	-2.57E-03	4.32E-01	2.44E-02	1	1
cg19004775	-2.53E-03	2.99E-03	5.11E-01	7.69E-01	1	1
cg16555188	-1.82E-03	-5.19E-03	8.67E-02	6.20E-02	1	1

cg02218268	4.35E-04	-1.02E-03	3.37E-01	3.86E-01	1	1
cg20567785	8.79E-04	-1.01E-02	8.08E-01	9.14E-01	1	1
cg15012214	1.25E-04	2.86E-03	8.52E-01	1.03E-01	1	1
cg1321655	-1.89E-03	2.69E-02	4.88E-01	2.21E-04	1	0.2049
cg21961249	1.48E-03	-1.12E-03	2.24E-01	7.26E-01	1	1
cg13848802	5.65E-04	-1.18E-04	7.06E-02	8.83E-01	1	1
cg14873515	-1.32E-03	-6.71E-03	5.67E-01	2.75E-01	1	1
cg1301169	-3.90E-04	-2.27E-03	2.02E-01	4.53E-03	1	1
cg25882643	7.52E-03	-1.62E-03	7.99E-03	8.25E-01	1	1
cg12487466	-2.93E-04	2.90E-03	7.74E-01	2.78E-01	1	1
cg26708920	1.70E-03	-9.44E-02	9.24E-01	4.46E-02	1	1
cg20095985	1.32E-04	-6.1E-04	4.04E-01	1.42E-01	1	1
cg16086237	-3.36E-03	7.46E-03	5.71E-02	1.07E-01	1	1
cg03605666	3.51E-04	-6.67E-06	4.86E-01	9.96E-01	1	1
cg0442511	2.29E-03	-5.63E-03	1.93E-01	2.16E-01	1	1
cg11637578	-3.22E-04	-1.50E-05	2.75E-01	9.84E-01	1	1
cg27284034	2.87E-04	-2.51E-03	8.14E-01	4.37E-01	1	1
cg19985870	-1.20E-03	-1.29E-03	5.93E-01	8.28E-01	1	1
cg21813747	-1.04E-03	-3.40E-04	5.13E-01	9.35E-01	1	1
cg16842017	3.02E-04	-2.95E-04	3.94E-01	7.49E-01	1	1
cg1971916	-2.15E-04	-1.59E-03	6.16E-01	1.57E-01	1	1
cg03764753	-2.83E-03	-2.44E-03	5.80E-04	2.54E-01	1	1
cg19916413	9.14E-04	-8.90E-04	3.40E-01	7.22E-01	1	1
cg09628931	-1.14E-05	-9.43E-04	9.66E-01	1.81E-01	1	1
cg24332002	-9.06E-03	-4.30E-03	5.78E-06	3.96E-01	0.122	1
cg16051296	2.51E-04	2.71E-04	4.77E-01	7.71E-01	1	1
cg07406237	2.53E-04	1.24E-03	4.69E-01	1.77E-01	1	1
cg21462596	-1.31E-03	-4.12E-02	8.04E-01	3.29E-03	1	1
cg26112901	-2.11E-04	1.84E-05	9.81E-02	9.56E-01	1	1
cg14687127	-3.11E-04	-1.05E-03	2.17E-01	1.14E-01	1	1
cg25349643	-2.24E-04	-1.54E-03	4.50E-01	4.78E-02	1	1
cg23325278	-4.04E-03	-1.83E-03	6.36E-03	6.34E-01	1	1
cg19405177	-5.73E-03	-9.1E-03	2.63E-01	4.98E-01	1	1
cg05926198	-1.15E-03	-7.28E-03	3.71E-01	3.34E-02	1	1
cg02568008	-1.25E-04	-5.09E-04	6.07E-01	5.04E-01	1	1
cg18895813	-6.42E-04	-1.31E-04	2.44E-01	9.28E-01	1	1
cg21165673	-2.74E-04	-7.03E-03	8.90E-01	1.77E-01	1	1
cg22565399	-1.01E-04	-8.35E-04	5.87E-01	8.69E-02	1	1
cg04302492	-5.67E-06	-3.59E-04	9.90E-01	7.67E-01	1	1
cg27260684	-3.72E-06	-6.80E-03	9.99E-01	2.28E-01	1	1
cg0946961	-2.98E-04	-3.94E-04	8.65E-01	9.31E-01	1	1
cg27525032	2.06E-04	9.64E-03	8.80E-01	7.50E-03	1	1
cg22138408	-5.92E-04	-1.13E-02	7.84E-01	4.59E-02	1	1
cg00260235	3.00E-04	-3.43E-04	3.94E-01	7.1E-01	1	1
cg17866376	3.22E-04	-1.70E-03	3.55E-01	6.43E-02	1	1
cg03562501	9.34E-05	-1.98E-03	7.38E-01	7.75E-03	1	1
cg25362339	1.45E-05	-4.15E-03	9.96E-01	5.69E-01	1	1
cg24773560	3.26E-03	1.03E-02	1.34E-01	6.90E-02	1	1
cg22465293	-1.1E-03	-1.82E-03	1.68E-01	3.82E-01	1	1
cg15281496	3.30E-04	-1.68E-03	4.19E-01	1.16E-01	1	1
cg24612171	-3.59E-03	-1.09E-02	2.1E-01	1.50E-01	1	1
cg03676180	9.78E-04	-1.85E-03	1.13E-01	2.64E-01	1	1
cg17171933	-2.85E-04	-1.83E-03	4.93E-01	9.48E-02	1	1
cg02125281	2.39E-04	-1.99E-04	4.60E-01	8.15E-01	1	1
cg22068687	4.73E-05	1.38E-03	9.47E-01	4.65E-01	1	1
cg16573044	-6.74E-04	7.46E-04	3.03E-02	3.56E-01	1	1
cg22530061	-1.61E-04	-6.71E-04	7.84E-01	6.65E-01	1	1
cg18265311	9.45E-05	2.57E-04	6.59E-01	6.45E-01	1	1
cg18720125	2.40E-03	-2.41E-02	5.23E-01	1.49E-02	1	1
cg24057041	3.37E-04	7.68E-04	2.74E-01	3.40E-01	1	1
cg23021153	-8.90E-04	4.96E-05	5.28E-02	9.67E-01	1	1
cg25492421	-3.04E-04	-9.48E-04	2.06E-01	1.34E-01	1	1
cg02483641	-7.36E-04	2.90E-03	5.95E-01	4.27E-01	1	1
cg12807668	-6.34E-04	-6.90E-04	5.45E-01	8.02E-01	1	1
cg0665221	-8.89E-05	-1.55E-03	9.58E-01	7.28E-01	1	1
cg27231292	8.57E-04	-9.04E-04	4.05E-02	4.05E-01	1	1
cg18581346	5.63E-04	2.43E-03	6.52E-01	4.58E-01	1	1
cg1343545	-3.70E-04	-2.64E-03	3.27E-01	8.50E-03	1	1
cg16747922	-1.60E-04	-5.31E-03	9.43E-01	3.65E-01	1	1
cg06259244	-5.96E-04	-1.53E-03	3.33E-01	3.48E-01	1	1
cg00718883	-3.25E-04	1.88E-04	1.69E-01	7.63E-01	1	1
cg11751808	1.1E-04	-8.77E-04	7.48E-01	3.30E-01	1	1
cg21170324	-1.79E-03	-6.22E-03	2.1E-01	1.02E-01	1	1
cg20613160	-5.95E-04	-6.54E-04	2.23E-01	6.09E-01	1	1
cg17858316	-6.62E-05	4.77E-04	8.08E-01	5.04E-01	1	1
cg12770519	3.74E-04	-6.44E-04	7.32E-01	8.22E-01	1	1
cg06655190	-2.02E-03	2.44E-02	3.23E-01	1.02E-05	1	0.0203
cg09222674	-5.07E-05	-3.1E-04	7.06E-01	3.76E-01	1	1
cg20965602	-1.28E-04	1.91E-03	8.96E-01	4.66E-01	1	1
cg01791229	-2.02E-03	-3.24E-03	4.15E-01	6.21E-01	1	1
cg24128943	4.96E-04	-1.81E-03	4.78E-01	3.30E-01	1	1
cg05008621	-1.02E-03	-1.45E-02	6.28E-01	9.81E-03	1	1
cg25351263	-2.52E-04	5.48E-04	4.79E-01	5.55E-01	1	1
cg08064292	4.58E-03	1.56E-02	4.37E-01	3.14E-01	1	1
cg09697644	5.73E-03	-3.22E-03	5.32E-03	5.43E-01	1	1
cg20242897	-1.47E-04	9.09E-04	6.78E-01	3.27E-01	1	1
cg17669802	-6.54E-04	-2.93E-03	1.78E-01	2.15E-02	1	1
cg21227	-2.63E-04	4.44E-03	6.78E-01	8.78E-03	1	1
cg19522467	2.15E-04	-6.29E-04	7.30E-02	4.72E-02	1	1
cg17175364	7.78E-04	-7.89E-04	2.08E-01	6.27E-01	1	1
cg20798124	-4.09E-04	-9.12E-04	6.86E-01	7.32E-01	1	1
cg00415993	-3.37E-03	-3.67E-03	2.14E-01	6.07E-01	1	1
cg09243533	4.52E-04	4.67E-04	7.37E-02	4.76E-01	1	1
cg0101263	3.25E-04	-8.00E-04	3.41E-01	3.71E-01	1	1
cg05474605	-5.00E-04	3.77E-03	8.16E-01	5.07E-01	1	1
cg24722969	-3.89E-04	-5.19E-04	4.52E-01	7.01E-01	1	1
cg06913166	-5.90E-04	-1.76E-03	1.25E-01	8.21E-02	1	1
cg2181175	-4.78E-04	-3.24E-03	3.83E-01	2.44E-02	1	1
cg11116798	-4.94E-03	1.07E-02	7.20E-03	2.65E-02	1	1
cg22647970	1.39E-03	-1.07E-03	2.31E-01	7.19E-01	1	1
cg07080775	1.79E-03	-1.45E-02	2.16E-02	1.80E-04	1	0.1770
cg25970491	-2.45E-03	1.90E-02	4.70E-01	3.48E-02	1	1
cg13551783	-1.48E-03	-1.34E-03	4.63E-01	7.97E-01	1	1
cg19411557	1.70E-04	-3.13E-03	8.32E-01	1.34E-01	1	1
cg11797226	3.88E-04	1.26E-04	3.40E-01	9.06E-01	1	1
cg0091355	1.87E-04	-3.71E-04	5.26E-01	6.33E-01	1	1
cg09863138	3.08E-05	8.17E-05	8.61E-01	8.59E-01	1	1
cg13412040	-3.79E-04	-9.39E-03	8.79E-01	1.52E-01	1	1
cg19070159	-2.47E-03	1.96E-03	7.21E-02	5.84E-01	1	1
cg14837165	-1.26E-04	-2.89E-04	6.07E-01	6.51E-01	1	1
cg21666867	3.07E-04	-1.95E-03	4.40E-01	6.16E-02	1	1
cg27508002	-9.25E-04	4.35E-04	2.31E-02	6.83E-01	1	1
cg0140654	5.76E-04	7.65E-03	7.36E-01	8.80E-02	1	1
cg17378533	1.54E-04	1.46E-04	7.36E-01	9.02E-01	1	1
cg19688605	-6.97E-04	-4.94E-04	3.98E-01	8.19E-01	1	1
cg09266287	1.32E-03	-3.06E-03	3.16E-02	6.03E-02	1	1

cg00377865	2.58E-05	-1.85E-03	9.62E-01	1.95E-01	1	1
cg20926120	2.28E-04	-8.85E-04	2.56E-01	8.94E-02	1	1
cg06331862	2.41E-04	1.79E-03	7.44E-01	3.53E-01	1	1
cg17289863	2.55E-04	-8.92E-04	4.22E-01	2.76E-01	1	1
cg05442602	2.77E-04	-1.60E-02	9.00E-01	6.12E-03	1	1
cg14820577	-8.76E-05	-6.38E-03	9.19E-01	5.61E-03	1	1
cg09870200	-1.41E-03	8.53E-03	6.32E-01	2.70E-01	1	1
cg13321152	-1.18E-03	5.82E-03	5.40E-01	2.46E-01	1	1
cg15713801	-9.74E-05	-6.69E-04	5.82E-01	1.54E-01	1	1
cg03185009	1.13E-03	-8.53E-04	4.86E-02	5.69E-01	1	1
cg18592561	-7.40E-06	3.28E-03	9.95E-01	2.62E-01	1	1
cg23674806	2.16E-03	-1.09E-02	5.78E-01	2.84E-01	1	1
cg16711866	-4.42E-05	-2.34E-04	7.11E-01	4.54E-01	1	1
cg23562160	-5.74E-04	1.46E-03	7.00E-01	7.08E-01	1	1
cg0164831	-1.69E-03	-8.84E-03	3.69E-01	7.62E-02	1	1
cg02576975	-1.50E-03	-8.03E-03	1.88E-01	7.58E-03	1	1
cg06086465	-8.44E-04	7.25E-05	8.57E-02	9.55E-01	1	1
cg07455279	-8.88E-04	1.58E-02	8.31E-01	1.51E-01	1	1
cg21792018	-6.68E-05	-2.39E-03	8.16E-01	1.65E-03	1	0.7714
cg18200800	1.02E-03	-3.83E-03	3.46E-01	1.81E-01	1	1
cg15162330	-1.04E-04	3.92E-04	7.78E-01	6.87E-01	1	1
cg11613450	-3.63E-04	2.72E-02	8.49E-01	1.66E-07	1	0.0007
cg23632178	1.27E-03	2.58E-05	6.93E-02	9.89E-01	1	1
cg05232496	-1.68E-03	-5.14E-04	1.48E-02	7.72E-01	1	1
cg03080607	1.22E-02	3.66E-02	3.35E-01	2.70E-01	1	1
cg07739369	-2.50E-03	-2.85E-03	3.08E-01	6.57E-01	1	1
cg11722711	-8.56E-05	-5.38E-05	8.13E-01	9.55E-01	1	1
cg06870764	-2.37E-04	-2.84E-03	3.18E-01	1.06E-05	1	0.021
cg1653596	-8.20E-04	2.08E-03	2.83E-01	2.93E-01	1	1
cg1341940	-2.03E-04	5.17E-04	4.67E-01	4.81E-01	1	1
cg18949521	-6.14E-04	9.66E-04	1.22E-01	3.55E-01	1	1

Table S13. Subset of CpGs (Table S11) overlapping with multiple traits in the EWAS catalogue (without the traits: age, sex, tissue, papuan ancestry)	
CpG	Traits
cg00086488	Pancreatic ductal adenocarcinoma; Rheumatoid arthritis
cg00718883	Clear cell renal carcinoma; Gestational age
cg00913954	Clear cell renal carcinoma; Gestational age; Pancreatic ductal adenocarcinoma; Preeclampsia; Primary Sjogrens syndrome
cg01140247	Clear cell renal carcinoma; Gestational age; Hypertensive disorders of pregnancy
cg01326048	alzheimers disease braak stage; Birthweight
cg01723892	Clear cell renal carcinoma; gestational age; Birthweight; Hypertensive disorders of pregnancy; Pancreatic ductal adenocarcinoma; Preeclampsia; Rheumatoid arthritis
cg01911077	Birthweight; Nitrogen dioxide exposure; Gestational age; HIV infection
cg02054431	Alcohol consumption per day; alzheimers disease braak stage; Smoking; Maternal smoking in pregnancy; Prenatal smoke exposure
cg02291010	Alcohol consumption; Gestational age
cg03058038	Nitrogen dioxide exposure; Maternal overweight/obesity; Maternal body mass index;
cg03077077	atopy; eosinophilia; Perinatally acquired HIV
cg03116409	Cancer treatment: anti-metabolites; Cancer treatment: asparaginase enzymes
cg03688771	atopy; eosinophilia
cg04434994	atopy; eosinophilia; Rheumatoid arthritis
cg04872848	television viewing time; Time spent sitting
cg05094137	Clear cell renal carcinoma; Gestational age; Primary Sjogrens syndrome; Smoking
cg05399244	Gestational age; Primary Sjogrens syndrome
cg05413285	Clear cell renal carcinoma; Gestational age
cg06292709	Clear cell renal carcinoma; Gestational age
cg07016556	Smoking; Gestational age
cg07345108	alzheimers disease braak stage; Gestational age; Primary Sjogrens syndrome
cg07562888	Alcohol consumption; Gestational age; Pancreatic ductal adenocarcinoma
cg07723258	alcohol withdrawal recovery; Chronic kidney disease; Nitrogen dioxide exposure; Preeclampsia
cg07739369	alzheimers disease braak stage; Clear cell renal carcinoma; Crohn's disease; Gestational age; Pancreatic ductal adenocarcinoma; Smoking
cg08064292	Fetal alcohol spectrum disorder; Ulcerative colitis
cg08121652	Gestational age; Hypertensive disorders of pregnancy
cg08262002	Crohn's disease; Smoking; Nitrogen dioxide exposure; Maternal overweight/obesity; Maternal body mass index; Gestational age; Primary Sjogrens syndrome
cg08657492	alzheimers disease braak stage; Alcohol consumption
cg08934660	Maternal body mass index; Nitrogen dioxide exposure; Maternal overweight/obesity
cg09387528	Smoking; Total lipids in small HDL
cg09870200	Crohn's disease; Gestational age
cg10196042	Inflammatory bowel disease; Paternal body mass index; Ulcerative colitis
cg10672416	Smoking; Gestational age
cg10807894	Maternal overweight/obesity; Nitrogen dioxide exposure; Maternal body mass index; eosinophilia; Gestational age; Smoking
cg11613450	Maternal smoking in pregnancy; Prenatal smoke exposure
cg12463578	Clear cell renal carcinoma; Smoking; Gestational age; Ulcerative colitis
cg12832565	Autoantibody production in systemic lupus erythematosus; Schizophrenia
cg13060970	Clear cell renal carcinoma; Gestational age; Smoking
cg13257654	alzheimers disease braak stage; Common carotid intima-media thickness; atopy; HIV infection
cg13679804	Gestational age; Primary Sjogrens syndrome
cg13689560	Clear cell renal carcinoma; Smoking; Gestational age; Maternal smoking in pregnancy; Prenatal smoke exposure
cg14297063	Alzheimer's disease; eosinophilia; Mortality
cg14403090	Clear cell renal carcinoma; Gestational age
cg14511782	Alcohol consumption per day; Gestational age
cg14873515	alcohol withdrawal recovery; Clear cell renal carcinoma; Gestational age
cg15012214	Clear cell renal carcinoma; Alcohol consumption
cg16097041	Body mass index; C-reactive protein; Crohn's disease; Birthweight; Prenatal smoke exposure; Waist circumference
cg16279786	Crohn's disease; Inflammatory bowel disease
cg17457637	alzheimers disease braak stage; Alcohol consumption
cg17747781	1-hour glucose; gestational diabetes mellitus
cg18503679	Alcohol consumption per day; Smoking
cg18895813	HIV infection; maternal serum polyfluoroalkyl exposure (PFOA)
cg19299265	Clear cell renal carcinoma; Gestational age
cg19405177	Gestational age; Preeclampsia
cg19411557	atopy; eosinophilia
cg19605773	Alzheimer's disease; Rheumatoid arthritis
cg19706472	Gestational age; Schizophrenia
cg20775162	Maternal body mass index; Nitrogen dioxide exposure
cg20785459	Clear cell renal carcinoma; Gestational age
cg21165673	atopy; eosinophilia
cg21322819	Smoking; Gestational age
cg21462596	Crohn's disease; Inflammatory bowel disease; Ulcerative colitis
cg23120601	alzheimers disease braak stage; Braak stage; Clear cell renal carcinoma; Total cholesterol to total lipids ratio in chylomicrons and XXL-VLDL
cg23632178	alcohol withdrawal recovery; atopy; eosinophilia
cg24065451	Alcohol consumption per day; Gestational age; Phospholipids to total lipids ratio in IDL; Serum high-density lipoprotein cholesterol; Total cholesterol in medium VLDL
cg24128943	Clear cell renal carcinoma; Rheumatoid arthritis
cg24332002	Birthweight; Gestational age; Hypertensive disorders of pregnancy
cg24504349	Nitrogen dioxide exposure; Gestational age; Primary Sjogrens syndrome
cg24617171	Maternal smoking in pregnancy; Prenatal smoke exposure
cg24773560	Alcohol Consumption; Crohn's disease; eosinophilia; Gestational age; Inflammatory bowel disease; Pancreatic ductal adenocarcinoma; Rheumatoid arthritis
cg25074751	atopy; HIV infection
cg25367568	Clear cell renal carcinoma; Maternal overweight/obesity; HIV infection; Clear cell renal carcinoma; Smoking; Gestational age; Pancreatic ductal adenocarcinoma
cg25938010	Arsenic exposure; Maternal body mass index
cg26272214	Breastfeeding duration; Gestational age
cg26300597	HIV infection; Primary Sjogrens syndrome; Schizophrenia
cg27260684	M32397_3-hydroxy-2-ethylpropionate; Gestational age; Primary Sjogrens syndrome; Right vs left colon adenomas
cg27367526	homocysteine GRS; Primary Sjogrens syndrome

Table S14. Meta-analyses results overlapping with mQTLs from the ARIES database		
CpG	methylation quantitative trait loci (mQTL) in ARIES database	
cg00505936		Yes
cg00611227		Yes
cg00850068		Yes
cg00913954		Yes
cg00961418		Yes
cg01326048		Yes
cg01790002		Yes
cg02353154		Yes
cg02479816		Yes
cg02783833		Yes
cg03086067		Yes
cg03707256		Yes
cg04057642		Yes
cg04425110		Yes
cg04872848		Yes
cg05040501		Yes
cg05094137		Yes
cg05423392		Yes
cg05474605		Yes
cg05768032		Yes
cg06265811		Yes
cg06357940		Yes
cg06602723		Yes
cg06652210		Yes
cg07151406		Yes
cg07196761		Yes
cg07341220		Yes
cg07455279		Yes
cg07723258		Yes
cg08064292		Yes
cg08121652		Yes
cg08161480		Yes
cg08415582		Yes
cg08529295		Yes
cg08915171		Yes
cg09277575		Yes
cg09369190		Yes
cg09387528		Yes
cg09427745		Yes
cg09435668		Yes
cg09469610		Yes
cg09870200		Yes
cg10196042		Yes
cg10636896		Yes
cg10672416		Yes
cg10807894		Yes
cg11105358		Yes
cg11380667		Yes
cg12757684		Yes
cg12832565		Yes
cg13679804		Yes
cg13679817		Yes
cg13689560		Yes
cg14297063		Yes
cg14341131		Yes
cg14360448		Yes
cg14837165		Yes
cg15432367		Yes
cg15645685		Yes
cg16086237		Yes
cg16097041		Yes
cg17457637		Yes
cg17828057		Yes
cg18441811		Yes
cg18592561		Yes
cg19004775		Yes
cg19165274		Yes
cg19299265		Yes
cg19388739		Yes
cg19405177		Yes
cg20567785		Yes
cg20785459		Yes
cg21420674		Yes
cg21462596		Yes
cg21463140		Yes
cg21813747		Yes
cg22097891		Yes
cg22110973		Yes
cg22264898		Yes
cg22647970		Yes
cg23120601		Yes
cg23513183		Yes
cg23562160		Yes
cg23889772		Yes
cg24065451		Yes
cg24147838		Yes
cg24378421		Yes
cg24504349		Yes
cg24652379		Yes
cg24892433		Yes
cg25349643		Yes
cg25367568		Yes
cg25603927		Yes
cg25970491		Yes
cg27084781		Yes
cg27231292		Yes
cg27367526		Yes
cg27421105		Yes
cg27525032		Yes

Table S15. Mendelian randomization (two-sample) between the overlapping mQTL and public GWAS data

Exposure mQTL data														
CpG	SNP	Beta	SE	P-value	Sample size	Effect allele	Other allele	Effect allele frequency	SNP chromosome	SNP position	CpG chromosome	CpG position	mQTL effect	PubmedID
cg24892433	rs9560114	0.383	0.0488	2.15E-15	834	T	G	0.2559	13	112187882	13	112183412	cis	27036880
Outcome GWAS data														
Trait	SNP	Beta	SE	P-value	Sample size	Effect allele	Other allele	Effect allele frequency	SNP chromosome	SNP position	OR	95% CI		PubmedID
Type 2 diabetes	rs9560114	-0.0259	0.0047	3.30E-08	1335930	T	G	0.2435	13	112187882	0.0259	[0.017-0.035] unit decrease		32541925
MR results														
CpG	SNP	Beta	SE	P-value	Method	Trait								
cg24892433	rs9560114	-0.0676	0.0122	3.58E-08	Wald ratio	Type 2 diabetes								

Table S16. Overlapping CpGs between meta-analyses results (FDR <0.05) and blood cis-eQTMs in children of the HELIX project (cell type adjusted)

Meta-analysis results of associations between dietary glycemic index and glycemic load and blood DNA methylation (FDR <0.05)								Results of blood cis-eQTMs in children of the HELIX project (cell type adjusted)					
CpG	Nearest Gene (Illumina annotation)	Total number	Beta coefficient	Standard error	nominal P-value	FDR-corrected P-value	I-squared	Meta-analysis model	Transcript	Genes annotated according to Affymetrix na36	Change in expression as log2 fold change per 10% DNA methylation	Standard error	P-value of the CpG-TC association
cg05474605	SEPP1	209	0.02579	0.0036	2.71e-12	4.65e-07	64.7	Glycemic load (overweight/obese)	TC05002348.hg.1	CCDC152	0.1905	0.4751	6.65e-05
cg05474605	SEPP1	209	0.02579	0.0036	2.71e-12	4.65e-07	64.7	Glycemic load (overweight/obese)	TC05000193.hg.1	CCDC152	0.1691	0.4024	2.91e-05
cg01723892		209	0.02489	0.0037	4.25e-11	4.53e-06	89.8	Glycemic load (overweight/obese)	TC01001926.hg.1	NTPCR	0.1989	0.3192	7.41e-10
cg07151406	PGAM1	210	0.40221	0.0609	4.01e-11	6.98e-06	95.4	Glycemic index (overweight/obese)	TC10000695.hg.1	PGAM1	-0.073	0.1202	1.69e-09
cg07151406	PGAM1	210	0.40221	0.0609	4.01e-11	6.98e-06	95.4	Glycemic index (overweight/obese)	TC10000692.hg.1	FRAT1	0.0596	0.1422	3.01e-05
cg13060970	PLEK	209	0.03008	0.0048	5.71e-10	0.0003	80.1	Glycemic load (overweight/obese)	TC02000398.hg.1	PLEK	-0.324	0.4576	2.98e-12
cg17828057	PLAT	386	-0.3613	0.0572	2.75e-10	0.0003	80.8	Glycemic index (overweight/obese)	TC08003324.hg.1	AP3M2	-0.051	0.0829	1.06e-09
cg07723258	MED24	208	-0.0193	0.0031	1.10e-09	0.0005	0	Glycemic load (overweight/obese)	TC17001453.hg.1	PGAP3	-0.062	0.1163	1.10e-07
cg07723258	MED24	208	-0.0193	0.0031	1.10e-09	0.0005	0	Glycemic load (overweight/obese)	TC17002851.hg.1	GSDMB	-0.101	0.2280	1.06e-05
cg03086067	SH2D4B	209	0.17207	0.0313	3.85e-08	0.0008	72.7	Glycemic load (overweight/obese)	TC10001464.hg.1	LOC101929574	0.0301	0.0523	1.23e-08
cg03086067	SH2D4B	209	0.17207	0.0313	3.85e-08	0.0008	72.7	Glycemic load (overweight/obese)	TC10002736.hg.1		0.0226	0.0453	7.44e-07
cg00961418	STK33	385	0.16035	0.0287	2.43e-08	0.00130	74.4	Glycemic index (overweight/obese)	TC11001386.hg.1	STK33	-0.091	0.0799	3.42e-28
cg04872848	FLVCR2	209	0.04861	0.0094	2.99e-07	0.00348	0	Glycemic load (overweight/obese)	TC14002303.hg.1	FLVCR2	-0.065	0.1584	3.43e-05
cg25603927	PGAM1	386	0.36722	0.0699	1.49e-07	0.00521	88.0	Glycemic index (overweight/obese)	TC10000695.hg.1	PGAM1	-0.060	0.0966	7.04e-10
cg27284034	CTR81	209	0.02188	0.0044	7.89e-07	0.00656	0	Glycemic load (overweight/obese)	TC16001283.hg.1	ADAT1	-0.092	0.2367	9.33e-05
cg07341220	IFT140/TMEM204	268	-0.3613	0.0700	2.54e-07	0.00770	34.7	Glycemic index (overweight/obese)	TC16000043.hg.1	TMEM204	-0.112	0.0730	1.73e-47
cg21900799	PLEC1	209	-0.0575	0.0118	1.13e-06	0.00795	75.4	Glycemic load (overweight/obese)	TC08000835.hg.1	GRINA	-0.066	0.0924	1.80e-12
cg21900799	PLEC1	209	-0.0575	0.0118	1.13e-06	0.00795	75.4	Glycemic load (overweight/obese)	TC08001739.hg.1	PARP10	-0.033	0.0503	3.66e-11
cg21900799	PLEC1	209	-0.0575	0.0118	1.13e-06	0.00795	75.4	Glycemic load (overweight/obese)	TC08001737.hg.1	PLEC	-0.069	0.0587	6.51e-30
cg14736911	MYO22	209	-0.0504	0.0103	1.24e-06	0.00847	57.8	Glycemic load (overweight/obese)	TC04000611.hg.1	USP53	-0.958	0.3542	2.42e-115
cg14736911	MYO22	209	-0.0504	0.0103	1.24e-06	0.00847	57.8	Glycemic load (overweight/obese)	TC04001498.hg.1	LOC101929762	-0.041	0.0800	3.35e-07
cg08657492	H0XA4	386	-0.3903	0.0775	4.80e-07	0.01112	35.6	Glycemic index (overweight/obese)	TC07000165.hg.1	HOTAIRM1	0.0347	0.0791	1.26e-05
cg08657492	H0XA4	386	-0.3903	0.0775	4.80e-07	0.01112	35.6	Glycemic index (overweight/obese)	TC07002209.hg.1	HOTAIRM1	0.0644	0.1470	1.32e-05
cg08657492	H0XA4	386	-0.3903	0.0775	4.80e-07	0.01112	35.6	Glycemic index (overweight/obese)	TC07003352.hg.1	H0XA4	-0.021	0.0352	2.24e-09
cg02353154		209	0.03554	0.0074	1.96e-06	0.01167	34.0	Glycemic load (overweight/obese)	TC10002953.hg.1	CUZD1	-0.041	0.0955	1.47e-05
cg23513183		209	-0.0244	0.0051	2.21e-06	0.01251	9.03	Glycemic load (overweight/obese)	TC19000059.hg.1	ZNF555	0.0627	0.0896	5.35e-12
cg24309215		209	0.04984	0.0105	2.47e-06	0.01337	0	Glycemic load (overweight/obese)	TC12003258.hg.1	GATC	-0.059	0.1302	6.10e-06
cg24309215		209	0.04984	0.0105	2.47e-06	0.01337	0	Glycemic load (overweight/obese)	TC12002614.hg.1	GATC	-0.060	0.1433	2.95e-05
cg24309215		209	0.04984	0.0105	2.47e-06	0.01337	0	Glycemic load (overweight/obese)	TC12002049.hg.1	POPS	-0.045	0.0842	9.84e-08
cg03707256		205	-0.0084	0.0018	2.88e-06	0.01464	0	Glycemic load (overweight/obese)	TC05000119.hg.1		-0.131	0.3263	5.94e-05
cg17457637	H0XA4	386	-0.3149	0.0642	9.54e-07	0.01540	26.5	Glycemic index (overweight/obese)	TC07002209.hg.1	HOTAIRM1	0.0833	0.1632	4.13e-07
cg17457637	H0XA4	386	-0.3149	0.0642	9.54e-07	0.01540	26.5	Glycemic index (overweight/obese)	TC07003352.hg.1	H0XA4	-0.022	0.0394	2.43e-08
cg17457637	H0XA4	386	-0.3149	0.0642	9.54e-07	0.01540	26.5	Glycemic index (overweight/obese)	TC07000165.hg.1	HOTAIRM1	0.0460	0.0877	1.98e-07
cg24147838	LAIR1	801	0.12649	0.0256	8.00e-07	0.01546	0	Glycemic index (normal weight)	TC19002659.hg.1	KIR2DL1	-0.339	0.7519	7.23e-06
cg24147838	LAIR1	801	0.12649	0.0256	8.00e-07	0.01546	0	Glycemic index (normal weight)	TC19001844.hg.1	LAIR1	-0.208	0.1933	2.42e-25
cg24147838	LAIR1	801	0.12649	0.0256	8.00e-07	0.01546	0	Glycemic index (normal weight)	TC19002661.hg.1	KIR2DL3	-0.327	0.7538	1.62e-05
cg24147838	LAIR1	801	0.12649	0.0256	8.00e-07	0.01546	0	Glycemic index (normal weight)	TC19002657.hg.1	KIR3DL1	-0.222	0.5370	3.76e-05
cg24147838	LAIR1	801	0.12649	0.0256	8.00e-07	0.01546	0	Glycemic index (normal weight)	TC19002236.hg.1		-0.348	0.8520	4.75e-05
cg24147838	LAIR1	801	0.12649	0.0256	8.00e-07	0.01546	0	Glycemic index (normal weight)	TC19000879.hg.1	LAIR2	-0.145	0.3361	1.62e-05
cg10672416	C12orf65	208	0.01908	0.0041	4.37e-06	0.01938	0	Glycemic load (overweight/obese)	TC12000983.hg.1	C12orf65	-0.062	0.1274	1.16e-06
cg07455279	NDUFA3	209	-0.0452	0.0099	4.98e-06	0.02070	0	Glycemic load (overweight/obese)	TC19001832.hg.1	TFPT	-0.052	0.0596	5.00e-18
cg07455279	NDUFA3	209	-0.0452	0.0099	4.98e-06	0.02070	0	Glycemic load (overweight/obese)	TC19001836.hg.1	TMCA	0.0147	0.0368	7.31e-05
cg23889772	COL5A3	386	-0.1412	0.0296	1.83e-06	0.02092	67.4	Glycemic index (overweight/obese)	TC19001156.hg.1	COL5A3	0.0287	0.0382	1.34e-13
cg27254338	C17orf66	209	0.01985	0.0043	6.38e-06	0.02405	49.1	Glycemic load (overweight/obese)	TC17001378.hg.1	CCL5	-0.303	0.4352	6.01e-12
cg27254338	C17orf66	209	0.01985	0.0043	6.38e-06	0.02405	49.1	Glycemic load (overweight/obese)	TC17001377.hg.1	HEATR9	-0.054	0.1095	7.05e-07
cg12463578	ZFP57	159	-0.0611	0.0135	6.65e-06	0.02453	65.1	Glycemic load (overweight/obese)	TC06002692.hg.1		0.0352	0.0685	3.52e-07
cg12463578	ZFP57	159	-0.0611	0.0135	6.65e-06	0.02453	65.1	Glycemic load (overweight/obese)	TC06002688.hg.1		-0.030	0.0645	2.20e-06
cg12463578	ZFP57	159	-0.0611	0.0135	6.65e-06	0.02453	65.1	Glycemic load (overweight/obese)	TC06000325.hg.1	LOC554223	-0.019	0.0404	2.09e-06
cg12463578	ZFP57	159	-0.0611	0.0135	6.65e-06	0.02453	65.1	Glycemic load (overweight/obese)	TC06001486.hg.1	ZFP57	-0.100	0.0493	2.99e-75
cg12463578	ZFP57	159	-0.0611	0.0135	6.65e-06	0.02453	65.1	Glycemic load (overweight/obese)	TC06000323.hg.1	HLA-F	-0.046	0.0548	1.01e-16
cg12463578	ZFP57	159	-0.0611	0.0135	6.65e-06	0.02453	65.1	Glycemic load (overweight/obese)	TC06000327.hg.1	HLA-K	0.0315	0.0676	3.60e-06
cg25970491	CLTCL1	209	0.02902	0.0065	8.30e-06	0.02740	68.2	Glycemic load (overweight/obese)	TC22000487.hg.1	CLTCL1	-0.044	0.0679	1.12e-10
cg09469610		209	0.02251	0.0050	8.50e-06	0.02779	82.4	Glycemic load (overweight/obese)	TC15000625.hg.1	MAP2K5	-0.088	0.1640	8.33e-08
cg21462596	PRTN3	209	0.04478	0.0100	8.93e-06	0.02891	0	Glycemic load (overweight/obese)	TC19000030.hg.1	CFD	-0.180	0.3454	2.07e-07
cg07345108	WOFY4	209	0.01756	0.0039	9.18e-06	0.02986	38.2	Glycemic load (overweight/obese)	TC10000323.hg.1	WOFY4	-0.225	0.348	2.70e-05
cg19165274	AKR1E2	209	-0.0600	0.0135	9.31e-06	0.02986	42.6	Glycemic load (overweight/obese)	TC10000039.hg.1	AKR1E2	-0.112	0.1501	1.64e-13
cg19165274	AKR1E2	209	-0.0600	0.0135	9.31e-06	0.02986	42.6	Glycemic load (overweight/obese)	TC10002924.hg.1	AKR1C1	-0.055	0.0991	2.76e-08
cg00850068	ANGPTL4	386	-0.0670	0.0145	4.12e-06	0.03283	74.8	Glycemic index (overweight/obese)	TC19000150.hg.1	MARCH2	0.1760	0.3855	5.76e-06
cg01790002	EVX1	386	-0.0676	0.0147	4.37e-06	0.03384	0	Glycemic index (overweight/obese)	TC07002854.hg.1	H0XA10	0.1260	0.3144	6.68e-05
cg09387528		209	0.01890	0.0043	1.28e-05	0.03497	42.7	Glycemic load (overweight/obese)	TC12000260.hg.1	PCNT	-0.122	0.1628	1.17e-13
cg09387528		209	0.01890	0.0043	1.28e-05	0.03497	42.7	Glycemic load (overweight/obese)	TC12000261.hg.1	DIP2A	-0.410	0.3258	2.59e-33
cg09387528		209	0.01890	0.0043	1.28e-05	0.03497	42.7	Glycemic load (overweight/obese)	TC12000801.hg.1		-0.539	0.9780	4.76e-08
cg09387528		209	0.01890	0.0043	1.28e-05	0.03497	42.7	Glycemic load (overweight/obese)	TC12000559.hg.1	S100B	-0.154	0.3274	2.67e-06
cg09387528		209	0.01890	0.0043	1.28e-05	0.03497	42.7	Glycemic load (overweight/obese)	TC12000265.hg.1	PRMT2	-0.232	0.3654	3.36e-10
cg09387528		209	0.01890	0.0043	1.28e-05	0.03497	42.7	Glycemic load (overweight/obese)	TC12000262.hg.1	DIP2A-IT1	-0.195	0.4037	1.54e-06
cg08262002	LDB2	386	0.17357	0.0379	4.66e-06	0.03568	70.3	Glycemic index (overweight/obese)	TC04001062.hg.1	LDB2	0.0422	0.0969	1.46e-05
cg25446789	DTN8	386	0.19182	0.0419	4.81e-06	0.03640	82.1	Glycemic index (overweight/obese)	TC02001658.hg.1	DNMT3A	0.0510	0.1165	1.31e-05
cg19405177	PLEC1	209	-0.0887	0.0205	1.54e-05	0.03941	84.6	Glycemic load (overweight/obese)	TC08001737.hg.1	PLEC	-0.043	0.0435	6.01e-22
cg19405177	PLEC1	209	-0.0887	0.0205	1.54e-05	0.03941	84.6	Glycemic load (overweight/obese)	TC08000841.hg.1	MAF1	-0.019	0.0458	3.45e-05
cg19405177	PLEC1	209	-0.0887	0.0205	1.54e-05	0.03941	84.6	Glycemic load (overweight/obese)	TC08001739.hg.1	PARP10	-0.026	0.0363	8.15e-13
cg19405177	PLEC1	209	-0.0887	0.0205	1.54e-05	0.03941	84.6	Glycemic load (overweight/obese)	TC08000835.hg.1	GRINA	-0.049	0.0669	2.35e-13
cg02479816	ZNF317	386	0.07379	0.0162	5.85e-06	0.03944	76.3	Glycemic index (overweight/obese)	TC19001146.hg.1	ZNF266	-0.364	0.7549	1.69e-06
cg02291010	CAST	93											

Table S17. Overlapping CpGs between meta-analyses results (FDR <0.05) and subcutaneous adipose tissue cis-eQTM in children and adolescents of the Leipzig Childhood Adipose Tissue Cohort															
Meta-analysis results of associations between dietary glycemic index and glycemic load and blood DNA methylation (FDR <0.05)										Results of subcutaneous adipose tissue cis-eQTMs					
CpG	Nearest Gene (Illumina annotation)	Total number	Beta coefficient	Standard error	nominal P-value	FDR-corrected P-value	I-squared	Meta-analysis model	ILMN.ID	Transcript	Estimate	Standard error	P-value	Ensemble ID	
cg05399244	RPH3AL	386	-0.1531	0.0226	1.29e-11	2.99e-06	82.8	Glycemic index (overweight/obese)	ILMN_1770206	GEMIN4	0.9589	0.2152	1.34e-05	ENST00000319004	
cg13060970	PLEK	209	0.0300	0.0048	5.71e-10	0.0003	80.1	Glycemic load (overweight/obese)	ILMN_1795762	PLEK	-2.8138	0.6974	7.56e-05	ENST00000234313	
cg13060970	PLEK	209	0.0300	0.0048	5.71e-10	0.0003	80.1	Glycemic load (overweight/obese)	ILMN_1777998	ARHGAP25	-1.4796	0.2932	9.51e-07	ENST00000409030	
cg13060970	PLEK	209	0.0300	0.0048	5.71e-10	0.0003	80.1	Glycemic load (overweight/obese)	ILMN_3232894	CNRP1	1.7888	0.4075	1.76e-05	ENST00000263655	
cg07723258	MED24	208	-0.0193	0.0031	1.10e-09	0.0003	0	Glycemic load (overweight/obese)	ILMN_2327269	CSF3	-2.4054	0.4422	1.42e-07	ENST00000225474	
cg07723258	MED24	208	-0.0193	0.0031	1.10e-09	0.0005	0	Glycemic load (overweight/obese)	ILMN_1697069	CSF3	-2.1655	0.4111	3.30e-07	ENST00000225474	
cg27260684	KIAA0513	209	0.0195	0.0033	3.48e-09	0.0017	55.6	Glycemic load (overweight/obese)	ILMN_1721116	USP10	-0.5340	0.1336	8.81e-05	ENST00000219473	
cg27260684	KIAA0513	209	0.0195	0.0033	3.48e-09	0.0017	55.6	Glycemic load (overweight/obese)	ILMN_1703314	KIHL36	-1.1392	0.1901	8.48e-09	ENST00000564996	
cg27260684	KIAA0513	209	0.0195	0.0033	3.48e-09	0.0017	55.6	Glycemic load (overweight/obese)	ILMN_1693233	KIAA0513	-0.7720	0.1384	7.22e-08	ENST00000683633	
cg14403090		209	-0.0050	0.0009	1.20e-07	0.00178	66.3	Glycemic load (overweight/obese)	ILMN_1753111	NAMPT	1.9697	0.3482	4.82e-08	ENST00000491027	
cg14403090		209	-0.0050	0.0009	1.20e-07	0.00178	66.3	Glycemic load (overweight/obese)	ILMN_1753111	NAMPT	1.9697	0.3482	4.82e-08	ENST00000489732	
cg14403090		209	-0.0050	0.0009	1.20e-07	0.00178	66.3	Glycemic load (overweight/obese)	ILMN_1753111	NAMPT	1.9697	0.3482	4.82e-08	ENST00000417537	
cg14403090		209	-0.0050	0.0009	1.20e-07	0.00178	66.3	Glycemic load (overweight/obese)	ILMN_1753111	NAMPT	1.9697	0.3482	4.82e-08	ENST00000424768	
cg14403090		209	-0.0050	0.0009	1.20e-07	0.00178	66.3	Glycemic load (overweight/obese)	ILMN_1753111	NAMPT	1.9697	0.3482	4.82e-08	ENST00000441045	
cg14403090		209	-0.0050	0.0009	1.20e-07	0.00178	66.3	Glycemic load (overweight/obese)	ILMN_1653871	NAMPT	2.5983	0.5220	1.30e-06	ENST0000022553	
cg14403090		209	-0.0050	0.0009	1.20e-07	0.00178	66.3	Glycemic load (overweight/obese)	ILMN_1753111	NAMPT	1.9697	0.3482	4.82e-08	ENST00000354289	
cg14403090		209	-0.0050	0.0009	1.20e-07	0.00178	66.3	Glycemic load (overweight/obese)	ILMN_1753111	NAMPT	1.9697	0.3482	4.82e-08	ENST00000489358	
cg19388739		209	0.0287	0.0055	2.46e-07	0.00306	49.0	Glycemic load (overweight/obese)	ILMN_1784737	S1PR4	-0.4044	0.0870	5.87e-06	ENST00000246115	
cg07980773	GRB2	219	0.1945	0.0359	6.06e-08	0.00383	0	Glycemic index (normal weight)	ILMN_1806432	NTSC	1.7585	0.3325	2.99e-07	ENST00000245552	
cg06870764		116	0.0080	0.0015	3.87e-07	0.00412	72.7	Glycemic load (overweight/obese)	ILMN_3180557	CYB561D1	0.6216	0.1274	2.07e-06	ENST00000430195	
cg06870764		116	0.0080	0.0015	3.87e-07	0.00412	72.7	Glycemic load (overweight/obese)	ILMN_1750790	GSTM5	1.9165	0.4000	3.06e-06	ENST00000256593	
cg06870764		116	0.0080	0.0015	3.87e-07	0.00412	72.7	Glycemic load (overweight/obese)	ILMN_3263235	CYB561D1	0.7945	0.1985	8.58e-05	ENST00000430578	
cg05887771	OSBP2	219	0.2484	0.0468	1.15e-07	0.0037	63.2	Glycemic index (normal weight)	ILMN_1780546	CSM4	-2.3238	0.2898	3.31e-14	ENST00000215781	
cg27284034	CTRB1	209	0.0218	0.0044	7.89e-07	0.00656	0	Glycemic load (overweight/obese)	ILMN_1795428	WDR59	2.3178	0.5402	2.67e-05	ENST00000262144	
cg22681041	GHR	116	-0.0486	0.0099	1.15e-06	0.00795	0	Glycemic load (overweight/obese)	ILMN_2098616	Csor39	0.7216	0.1746	5.09e-05	ENST00000616064	
cg06086465	COL5A1	116	-0.0201	0.0041	1.29e-06	0.00865	84.8	Glycemic load (overweight/obese)	ILMN_1668063	FCN1	3.3142	0.7086	5.09e-06	ENST00000371806	
cg00176020	ADORA2A-AS1	116	0.0325	0.0067	1.56e-06	0.00976	0	Glycemic load (overweight/obese)	ILMN_1814044	CABIN1	1.2123	0.2922	4.79e-05	ENST00000263119	
cg02184558	DUS2	219	1.2527	0.2450	3.19e-07	0.01058	62.8	Glycemic index (normal weight)	ILMN_1731275	DPEP3	-0.3427	0.0711	2.75e-06	ENST00000672962	
cg02184558	DUS2	219	1.2527	0.2450	3.19e-07	0.01058	62.8	Glycemic index (normal weight)	ILMN_1787324	C16orf48	0.7912	0.1877	3.67e-05	ENST00000243878	
cg12023232		219	-0.1984	0.0395	5.05e-07	0.01133	90.2	Glycemic index (normal weight)	ILMN_2408039	EEF1D	-2.6111	0.5764	9.71e-06	ENST00000619144	
cg12023232		219	-0.1984	0.0395	5.05e-07	0.01133	90.2	Glycemic index (normal weight)	ILMN_1782543	EEF1D	-2.5990	0.6029	2.45e-05	ENST00000619144	
cg14051770	ZP3	801	0.1194	0.0237	4.99e-07	0.01133	93.8	Glycemic index (normal weight)	ILMN_3241036	SNORA14A	-1.1326	0.2257	1.08e-06	ENST00000364773	
cg15264825	ACKR2	219	0.2391	0.0479	6.01e-07	0.01229	0	Glycemic index (normal weight)	ILMN_1699440	ZBTB47	-1.0355	0.1998	4.97e-07	ENST00000232974	
cg15264825	ACKR2	219	0.2391	0.0479	6.01e-07	0.01229	0	Glycemic index (normal weight)	ILMN_1658398	C3orf41	-0.6466	0.1611	8.27e-05	ENST00000488863	
cg03764753		116	0.0336	0.0071	2.24e-06	0.01251	56.1	Glycemic load (overweight/obese)	ILMN_1667925	PDC13	0.4816	0.1076	1.23e-05	ENST00000398028	
cg07739369		209	0.0218	0.0046	2.61e-06	0.01251	79.6	Glycemic load (overweight/obese)	ILMN_2364022	SLC16A3	-2.8393	0.5280	1.93e-07	ENST00000582743	
cg24147838	LAI1R1	801	0.1264	0.0256	8.00e-07	0.01546	0	Glycemic index (normal weight)	ILMN_1716983	LILRA2	-1.0929	0.2450	1.31e-05	ENST00000613573	
cg24147838	LAI1R1	801	0.1264	0.0256	8.00e-07	0.01546	0	Glycemic index (normal weight)	ILMN_1784884	LILRB3	-2.5298	0.5733	1.60e-05	ENST00000445347	
cg24147838	LAI1R1	801	0.1264	0.0256	8.00e-07	0.01546	0	Glycemic index (normal weight)	ILMN_2357419	LILRA5	-0.2900	0.0710	6.23e-05	ENST00000618711	
cg24147838	LAI1R1	801	0.1264	0.0256	8.00e-07	0.01546	0	Glycemic index (normal weight)	ILMN_1716983	LILRA2	-1.0929	0.2450	1.31e-05	ENST00000621721	
cg24147838	LAI1R1	801	0.1264	0.0256	8.00e-07	0.01546	0	Glycemic index (normal weight)	ILMN_2357419	LILRA5	-0.2900	0.0710	6.23e-05	ENST00000612621	
cg24147838	LAI1R1	801	0.1264	0.0256	8.00e-07	0.01546	0	Glycemic index (normal weight)	ILMN_1716983	LILRA2	-1.0929	0.2450	1.31e-05	ENST00000620279	
cg24147838	LAI1R1	801	0.1264	0.0256	8.00e-07	0.01546	0	Glycemic index (normal weight)	ILMN_2357419	LILRA5	-0.2900	0.0710	6.23e-05	ENST00000432233	
cg24147838	LAI1R1	801	0.1264	0.0256	8.00e-07	0.01546	0	Glycemic index (normal weight)	ILMN_2357419	LILRA5	-0.2900	0.0710	6.23e-05	ENST00000620091	
cg24147838	LAI1R1	801	0.1264	0.0256	8.00e-07	0.01546	0	Glycemic index (normal weight)	ILMN_2357419	LILRA5	-0.2900	0.0710	6.23e-05	ENST00000621042	
cg24147838	LAI1R1	801	0.1264	0.0256	8.00e-07	0.01546	0	Glycemic index (normal weight)	ILMN_1716983	LILRA2	-1.0929	0.2450	1.31e-05	ENST00000251376	
cg02795334		801	-0.2086	0.0423	8.39e-07	0.01557	87.5	Glycemic index (normal weight)	ILMN_2187746	ENK2	1.9762	0.4540	2.06e-05	ENST00000553456	
cg15645685	PBX4	386	-0.1373	0.0283	1.23e-06	0.01764	0	Glycemic index (overweight/obese)	ILMN_1805693	GMIP	0.6179	0.1383	1.27e-05	ENST00000203556	
cg06602723	HOXB8	209	-0.0446	0.0096	4.05e-06	0.01868	53.9	Glycemic load (overweight/obese)	ILMN_1702125	HOXB7	1.5859	0.1669	3.89e-18	ENST00000239165	
cg06602723	HOXB8	209	-0.0446	0.0096	4.05e-06	0.01868	53.9	Glycemic load (overweight/obese)	ILMN_1674908	HOXB5	1.0450	0.2026	5.61e-07	ENST00000239151	
cg06602723	HOXB8	209	-0.0446	0.0096	4.05e-06	0.01868	53.9	Glycemic load (overweight/obese)	ILMN_1798496	HOXB8	1.6374	0.1704	1.87e-18	ENST00000239144	
cg27039257	IGF2BP2	219	0.3124	0.0644	1.25e-06	0.01984	85.9	Glycemic index (normal weight)	ILMN_1702447	IGF2BP2	-1.0885	0.2302	4.07e-06	ENST00000382199	
cg27039257	IGF2BP2	219	0.3124	0.0644	1.25e-06	0.01984	85.9	Glycemic index (normal weight)	ILMN_2123567	SENP2	-0.7986	0.1979	7.55e-05	ENST00000296257	
cg24363299	BRD4	219	0.2549	0.0528	1.38e-06	0.02036	0	Glycemic index (normal weight)	ILMN_1795089	RASA13	3.8420	0.4665	1.61e-14	ENST00000602011	
cg24363299	BRD4	219	0.2549	0.0528	1.38e-06	0.02036	0	Glycemic index (normal weight)	ILMN_3238803	RASA13	0.8838	0.1923	7.29e-06	ENST00000343625	
cg24363299	BRD4	219	0.2549	0.0528	1.38e-06	0.02036	0	Glycemic index (normal weight)	ILMN_1795089	RASA13	3.8420	0.4665	1.61e-14	ENST00000602024	
cg23889772	COL5A3	386	-0.1412	0.0296	1.83e-06	0.02092	67.4	Glycemic index (overweight/obese)	ILMN_1689446	EIF3G	2.0051	0.5054	9.87e-05	ENST00000251308	
cg23120601	PLCB2	383	-0.0569	0.0119	1.96e-06	0.02095	63.5	Glycemic index (overweight/obese)	ILMN_1743340	CHST14	-0.7716	0.1924	8.36e-05	ENST00000306243	
cg23120601	PLCB2	383	-0.0569	0.0119	1.96e-06	0.02095	63.5	Glycemic index (overweight/obese)	ILMN_1730077	RPSU2D	-1.1592	0.2193	3.03e-07	ENST00000315616	
cg23120601	PLCB2	383	-0.0569	0.0119	1.96e-06	0.02095	63.5	Glycemic index (overweight/obese)	ILMN_1724066	PLCB2	1.1589	0.2567	1.04e-05	ENST00000260402	
cg12732334	EIF4G3	170	-0.0731	0.0143	3.28e-07	0.02250	84.4	Glycemic load (normal weight)	ILMN_1701603	ALPL	4.5975	1.0370	1.46e-05	ENST00000374840	
cg20965602	LOC284395	170	-0.0201	0.0039	2.92e-07	0.02250	0	Glycemic load (normal weight)	ILMN_1703695	C19orf12	1.5958	0.4018	9.70e-05	ENST00000623113	
cg14820577		116	0.0309	0.0076	7.97e-06	0.02693	87.8	Glycemic load (overweight/obese)	ILMN_1755077	HEBP2	-2.0749	0.4596	1.03e-05	ENST00000607197	
cg04126424	EGF17	219	0.3098	0.0655	2.25e-06	0.02709	40.9	Glycemic index (normal weight)	ILMN_1677484	SNAPC4	1.1239	0.2557	1.72e-05	ENST00000684778	
cg21462596	PRTN3	209	0.0447	0.0100	8.93e-06	0.02891	0	Glycemic load (overweight/obese)	ILMN_1674661	CRBP	-0.9700	0.2402	7.46e-05	ENST00000320936	
cg14873515	NDST1	209	0.0297	0.0067	9.49e-06	0.03016	32.6	Glycemic load (overweight/obese)	ILMN_2338785	RPS14	1.3139	0.2467	2.50e-07	ENST00000401695	
cg14873515	NDST1	2													

Table S18. Enrichments for genomic regulatory regions using LOLA CORE within significant CpGs (FDR <0.05) of the normal-weight or overweight/obese models

Glycemic index - normal-weight model					
Collection	Log(P-value)	oddsRatio	Cell Type	Antibody	Axis label
cistrome_epigenome	16.06	7.3	MR4 cells	H3K9me3	cistrome_epigenome MR4 cells H3K9me3
encode_tfbs	11.35	7.6	K562	Max	ChIP K562 Max
cistrome_epigenome	14.44	6.6	MR4 cells	H3K9K14ac	cistrome_epigenome MR4 cells H3K9K14ac
cistrome_epigenome	13.38	6.5	NB4 cells	H3K9K14ac	cistrome_epigenome NB4 cells H3K9K14ac
encode_tfbs	10.24	9.4	H1-hESC	SP1	ChIP H1-hESC SP1
encode_tfbs	10.03	7.1	HeLa-S3	Max	ChIP HeLa-S3 Max
encode_segmentation	10.38	6.5	K562		Enhancers Segments
encode_tfbs	9.24	7.5	GM12878	ELF1_(SC-631)	ChIP GM12878 ELF1_(SC-631)
encode_tfbs	8.34	7.5	PFSK-1	FOXP2	ChIP PFSK-1 FOXP2
encode_tfbs	8.98	10.0	HeLa-S3	Mxi1_(AF4185)	ChIP HeLa-S3 Mxi1_(AF4185)
encode_tfbs	7.48	6.4	GM12878	Pol2	ChIP GM12878 Pol2
encode_tfbs	7.17	6.5	K562	USF-1	ChIP K562 USF-1
encode_tfbs	7.12	6.5	GM12878	TCF12	ChIP GM12878 TCF12
encode_tfbs	6.82	7.2	GM15510	Pol2	ChIP GM15510 Pol2
encode_tfbs	6.79	7.1	GM12878	Egr-1	ChIP GM12878 Egr-1
encode_tfbs	6.99	8.3	HepG2	Max	ChIP HepG2 Max
encode_tfbs	6.30	6.5	H1-hESC	TBP	ChIP H1-hESC TBP
encode_tfbs	6.25	6.4	HeLa-S3	COREST_(sc-30189)	ChIP HeLa-S3 COREST_(sc-30189)
codex	6.20	6.3	Leukaemia cell	CBFB	U937 (histiocytic lymphoma) cell line conditionall
codex	5.86	6.4	Acute Myeloid Leukemia	LMO2	Kasumi-1 (AML FAB M2) with t(8;21) translocation a
encode_tfbs	5.82	6.3	SK-N-SH	Sin3Ak-20	ChIP SK-N-SH Sin3Ak-20
Glycemic index - overweight/obese model					
Collection	Log(P-value)	oddsRatio	Cell Type	Antibody	Axis label
ucsc_features	33.27	22.4			UCSC CpG islands
encode_tfbs	24.08	22.1	A549	Pol2	ChIP A549 Pol2
codex	19.90	20.3	Embryonic Stem Cell	KDM4A	K562 erythrocytic leukaemia cells (ATCC CCL-243) w
encode_tfbs	20.27	19.3	A549	Pol2	ChIP A549 Pol2
encode_tfbs	18.39	20.7	H1-hESC	TAF1	ChIP H1-hESC TAF1
encode_tfbs	17.58	23.3	HepG2	TAF1	ChIP HepG2 TAF1
encode_tfbs	17.44	20.4	MCF10A-Er-Src	Pol2	ChIP MCF10A-Er-Src Pol2
encode_tfbs	16.43	22.4	ProgFib	Pol2	ChIP ProgFib Pol2
codex	16.67	20.6	Embryonic Stem Cell	POLR2A	codex Embryonic Stem Cell POLR2A
encode_tfbs	16.80	18.8	HeLa-S3	Pol2	ChIP HeLa-S3 Pol2
codex	15.98	21.1	Embryonic Stem Cell	POLR2A	codex Embryonic Stem Cell POLR2A
encode_tfbs	16.99	17.4	HepG2	Pol2	ChIP HepG2 Pol2
encode_tfbs	15.54	19.8	MCF-7	Pol2	ChIP MCF-7 Pol2
encode_tfbs	15.69	18.0	K562	PHF8_(A301-772A)	ChIP K562 PHF8_(A301-772A)
encode_tfbs	15.11	21.1	A549	Pol2	ChIP A549 Pol2
encode_tfbs	14.80	20.1	A549	CREB1_(SC-240)	ChIP A549 CREB1_(SC-240)
codex	14.40	21.6	Embryonic Stem Cell	POLR2A	codex Embryonic Stem Cell POLR2A
codex	13.88	19.9	Embryonic Stem Cell	PHF8	K562 erythrocytic leukaemia cells (ATCC CCL-243) w
encode_tfbs	13.74	19.4	Gliobla	Pol2	ChIP Gliobla Pol2
encode_tfbs	13.68	19.2	NB4	Pol2	ChIP NB4 Pol2
Glycemic load - normal-weight model					
Collection	Log(P-value)	oddsRatio	Cell Type	Antibody	Axis label
encode_segmentation	4.97	36.4	HeLa-S3		Promoter Flank Segments
encode_segmentation	5.30	26.2	H1hesc		TSS Segments
codex	4.04	41.1	Hematopoietic Stem and Progenitor Cells	FLI1	Mobilised CD34+ cells isolated from the healthy p
encode_tfbs	4.37	25.5	SK-N-SH	Pol2-4H8	ChIP SK-N-SH Pol2-4H8
encode_segmentation	4.81	20.6	GM12878		TSS Segments
encode_segmentation	4.31	24.6	Huvec		TSS Segments
encode_tfbs	3.89	36.3	GM12878	Max	ChIP GM12878 Max
encode_tfbs	3.80	34.0	GM12878	BHLHE40_(NB100-1800)	ChIP GM12878 BHLHE40_(NB100-1800)
encode_segmentation	4.19	22.9	H1hesc		Promoter Flank Segments

cistrome_epigenome	4.56	18.2	VCaP	H3K4me3	cistrome_epigenome VCaP H3K4me3
encode_tfbs	3.67	30.6	SK-N-SH	Sin3Ak-20	ChIP SK-N-SH Sin3Ak-20
cistrome_epigenome	4.55	18.2	CS58.LnCaP	H3K4me3	cistrome_epigenome CS58.LnCaP H3K4me3
cistrome_epigenome	3.97	20.0	LnCaP	H3K4me3	cistrome_epigenome LnCaP H3K4me3
encode_tfbs	3.40	24.8	GM12878	PAX5-N19	ChIP GM12878 PAX5-N19
codex	3.40	24.6	Acute Myeloid Leukemia	RUNX1	Kasumi-1 (AML FAB M2) with t(8;21) translocation a
cistrome_cistrome	3.86	18.7	NB4 cells	PolII	cistrome_cistrome NB4 cells PolII
cistrome_cistrome	3.78	17.8	lymphoblastoid(GM10855)	VDR	cistrome_cistrome lymphoblastoid(GM10855) VDR
encode_tfbs	3.25	21.8	U87	Pol2-4H8	ChIP U87 Pol2-4H8
encode_tfbs	2.93	44.8	K562	COREST_(ab24166)	ChIP K562 COREST_(ab24166)
encode_tfbs	2.90	43.4	GM12878	CHD1_(A301-218A)	ChIP GM12878 CHD1_(A301-218A)
codex	3.07	19.0	B-Cells	BCL6	Cell line: Germinal center B cells. Chip antibody:
codex	2.78	37.6	Acute Myeloid Leukemia	CEBPA	Kasumi-1 (AML FAB M2) with t(8;21) translocation a
encode_tfbs	3.00	17.9	HCT-116	Pol2-4H8	ChIP HCT-116 Pol2-4H8
cistrome_cistrome	2.95	17.1	A594 cells	NR3C1	cistrome_cistrome A594 cells NR3C1
encode_segmentation	2.59	29.9	Huvec		Promoter Flank Segments
codex	2.55	28.7	Leukaemia cell	ELF1	Acute myelomonocytic leukaemia cell line carrying
codex	2.54	28.3	Hematopoietic Stem and Progenitor Cells	TCF7L2	Mobilised CD34+ cells isolated from the healthy p
encode_tfbs	2.46	25.8	H1-hESC	Bach1_(sc-14700)	ChIP H1-hESC Bach1_(sc-14700)
encode_tfbs	2.45	25.5	HepG2	Max	ChIP HepG2 Max
encode_tfbs	2.41	24.3	HeLa-S3	Mxi1_(AF4185)	ChIP HeLa-S3 Mxi1_(AF4185)
encode_tfbs	2.40	23.9	HepG2	MAZ_(ab85725)	ChIP HepG2 MAZ_(ab85725)
encode_tfbs	2.39	23.6	HeLa-S3	Pol2(phosphoS2)	ChIP HeLa-S3 Pol2(phosphoS2)
encode_tfbs	2.38	23.3	HepG2	NRSF	ChIP HepG2 NRSF
codex	2.36	22.8	Leukemia cell	POLR2A	Jurkat T-ALL cell line treated with DMSO/vehicle f
encode_tfbs	2.33	21.9	K562	UBTF_(SAB1404509)	ChIP K562 UBTF_(SAB1404509)
codex	2.30	21.2	Acute Myeloid Leukemia	RUNX1	Kasumi-1 (AML FAB M2) with t(8;21) translocation a
encode_tfbs	2.28	20.9	HepG2	BHLHE40_(NB100-1800)	ChIP HepG2 BHLHE40_(NB100-1800)
encode_tfbs	2.28	20.7	GM12878	Egr-1	ChIP GM12878 Egr-1
encode_tfbs	2.26	20.3	K562	Pol2	ChIP K562 Pol2
cistrome_cistrome	2.25	20.1	HepG2 liver cells	FoxA2	cistrome_cistrome HepG2 liver cells FoxA2
encode_tfbs	2.25	20.0	HepG2	TAF1	ChIP HepG2 TAF1
encode_tfbs	2.23	19.5	HepG2	Pol2	ChIP HepG2 Pol2
encode_tfbs	2.19	18.7	HepG2	Sin3Ak-20	ChIP HepG2 Sin3Ak-20
encode_tfbs	2.18	18.3	A549	GR	ChIP A549 GR
encode_tfbs	2.15	17.7	HepG2	ELF1_(SC-631)	ChIP HepG2 ELF1_(SC-631)
Glycemic load - overweight/obese model					
Collection	Log(P-value)	oddsRatio	Cell Type	Antibody	Axis label
ucsc_features	59.30	18.7			UCSC CpG islands
ucsc_features	75.93	14.9			UCSC Evo CpG islands
cistrome_cistrome	34.65	14.6	HepG2 liver cells	GABP	cistrome_cistrome HepG2 liver cells GABP
codex	29.53	15.1	Embryonic Stem Cell	KDM4A	K562 erythrocytic leukaemia cells (ATCC CCL-243) w
codex	27.35	15.1	Leukaemia cell	CBFB	Acute myelomonocytic leukaemia cell line carrying
encode_tfbs	22.24	11.4	A549	Pol2	ChIP A549 Pol2
codex	21.28	13.1	Erythrocytic leukaemia cells	PHF8	K562 erythrocytic leukaemia cells (ATCC CCL-243) w
codex	21.25	11.6	Erythrocytic leukaemia cells	KDM5B	K562 erythrocytic leukaemia cells (ATCC CCL-243) w
encode_tfbs	20.94	12.7	H1-hESC	TAF1	ChIP H1-hESC TAF1
codex	19.51	18.4	Leukaemia cell	MYH11	Acute myelomonocytic leukaemia cell line carrying
encode_tfbs	17.04	12.9	ProgFib	Pol2	ChIP ProgFib Pol2
encode_tfbs	17.08	11.3	MCF10A-Er-Src	Pol2	ChIP MCF10A-Er-Src Pol2
cistrome_cistrome	15.71	12.0	HepG2 liver cells	FoxA2	cistrome_cistrome HepG2 liver cells FoxA2
codex	15.65	11.1	Embryonic Stem Cell	POLR2A	codex Embryonic Stem Cell POLR2A
encode_tfbs	15.48	10.9	IMR90	Pol2	ChIP IMR90 Pol2
codex	15.01	11.9	Embryonic Stem Cell	PHF8	K562 erythrocytic leukaemia cells (ATCC CCL-243) w
encode_tfbs	14.72	11.5	K562	PLU1	ChIP K562 PLU1
encode_tfbs	13.84	11.2	MCF-7	Pol2	ChIP MCF-7 Pol2
encode_tfbs	13.81	11.2	A549	Pol2	ChIP A549 Pol2
encode_tfbs	13.74	11.1	Gliobla	Pol2	ChIP Gliobla Pol2