

Table S4. Outlier scores for 37 candidates from the methylation array

No	Gene name	Outlier score
1	HHEX	67.51054185
2	VILL	47.65082835
3	CHFR	37.23973321
4	ZNF160	36.2084266
5	MPDU1	31.13417209
6	ZNF134	28.9373152
7	BSG	28.1162042
8	FLJ22688 (FUZ)	28.08415274
9	CLSTN3	27.69596653
10	RBP5	24.39698918
11	MEF2C	23.479971
12	CLGN	23.40885042
13	IDUA	21.7933596
14	PIP5K1B	20.67732627
15	ADFP (PLIN2)	19.83258688
16	ZNF420	19.46419102
17	ZNF141	19.02108471
18	RASA4	18.80958368
19	KCNQ1	18.67906133
20	RAB39	17.85805985
21	ZNF211	17.77623482
22	RHOF	17.05440732
23	ENPP5	16.47452634
24	ZNF71	16.36372914
25	CCND2	16.2578808
26	GLOXD1 (HPDL)	16.18834852
27	ICA1	15.63623555
28	ZNF14	15.4458021
29	HAAO	15.41014583
30	SLC8A3	15.18526618
31	RECK	15.04356674
32	ITPKB	14.60792797
33	PFKFB4	14.52909531
34	ZNF585B	14.41258458
35	JAM2	13.49463275
36	HIST1H3I	13.47289421
37	RHOF	13.21077435