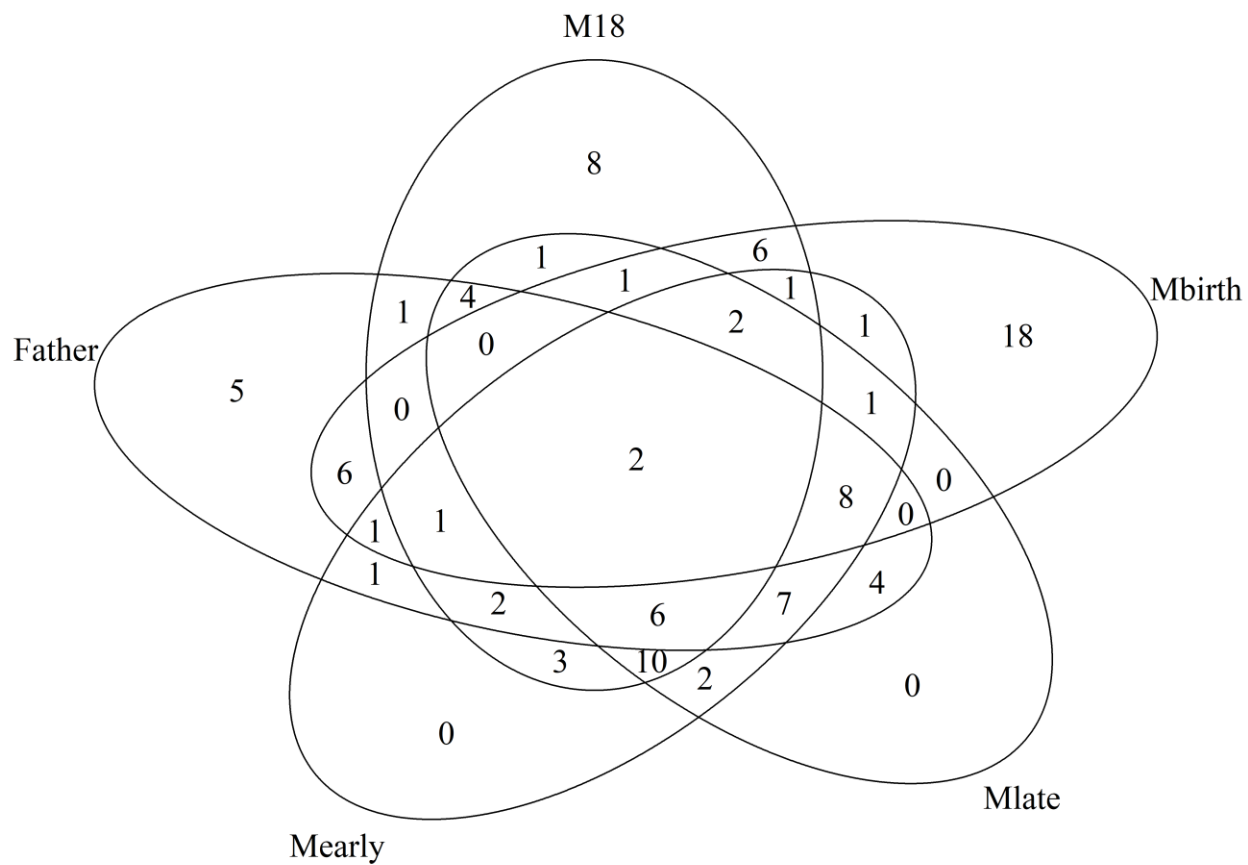


Supplemental Table 1: Percentages of Significant CpGs on each chromosome

	MOTHER AT BIRTH	MOTHER 18 YEAR	MOTHER EARLY PREG	MOTHER LATE PREG	FATHER
1	10.38	10.33	9.64	9.79	12.70
2	8.86	7.22	4.43	6.10	6.08
3	4.22	4.59	4.95	5.94	4.11
4	2.49	3.06	2.34	3.37	2.33
5	3.89	5.03	3.39	4.82	4.29
6	6.70	6.89	9.64	12.04	8.05
7	4.86	6.94	9.38	7.38	8.77
8	5.95	5.30	3.39	5.78	6.26
9	2.38	2.35	2.34	2.09	2.15
10	4.97	5.14	5.21	3.37	6.08
11	6.92	6.51	8.07	5.94	4.47
12	3.46	4.37	4.69	4.65	3.40
13	4.43	2.68	1.82	2.89	3.58
14	2.59	3.12	3.13	2.25	2.68
15	3.24	2.95	2.34	1.77	2.68
16	5.19	5.41	5.73	4.01	5.37
17	6.92	7.00	9.11	6.90	5.01
18	0.65	1.20	1.30	1.28	1.79
19	6.70	4.76	4.17	3.53	3.94
20	1.51	2.41	2.34	2.41	2.86
21	1.84	0.93	0.78	2.09	0.54
22	1.84	1.80	1.82	1.61	2.86

Supplementary Figure 1: Subset of participants in each of the five F2 cord blood and F1 parent pairs, Mother at birth (Mbirth), Mother at age 18 (M18), Mother early pregnancy (Mearly), Mother late pregnancy (Mlate), and Father.



Supplementary Figure 2: Overlap of identified CpGs in each of the five F2 cord blood and F1 parent pairs , Mother at birth (Mbirth), Mother at age 18 (M18), Mother early pregnancy (Mearly), Mother late pregnancy (Mlate), and Father.

