

Sup. Table 8: Comparison of correlations between paternal stress during preschool and increased DNA methylation in adolescence in full sample and girls only (limited to all CpG sites with FDR<20% from full sample). All sites with FDR<20% in girls only are highlighted in grey.

Gene	CpG Site	Full Sample			Girls Only		
		Differential Methylation	Spearman ρ	FDR	Differential Methylation	Spearman ρ	FDR
TK1	cg22061523	0.028	0.447	0.000	0.028	0.488	5.743
MGC42630	cg22543128	0.041	0.418	0.000	0.057	0.510	5.743
PGA5	cg11957986	0.080	0.394	17.619	0.114	0.486	5.743
SFRP1	cg22418909	0.011	0.389	17.619	0.014	0.550	0.000
IL28RA	cg07509155	0.014	0.388	17.619	0.020	0.454	11.730
DCN	cg04088433	0.138	0.384	17.619	0.151	0.382	19.998
LRRC8D	cg26783856	0.019	0.381	17.619	0.021	0.399	17.895
GALNT8	cg14920334	0.100	0.374	17.619	0.097	0.274	28.753
ATP8A2	cg12111714	0.049	0.367	17.619	0.056	0.340	22.532
FSTL3	cg10503234	0.055	0.362	17.619	0.076	0.490	5.743
EIF3S2	cg26093687	0.040	0.361	17.619	0.030	0.265	28.753
PRB4	cg14076161	0.061	0.361	17.619	0.067	0.414	17.895
OCM	cg22152667	0.016	0.360	17.619	0.010	0.211	35.589
PPP1R3C	cg09775312	0.031	0.359	17.619	0.037	0.463	9.143
IGF2AS	cg25574024	0.083	0.357	17.619	0.132	0.345	19.998
TNFRSF13B	cg18152830	0.022	0.357	17.619	0.024	0.369	19.998
OTUB2	cg22981461	0.029	0.357	17.619	0.038	0.394	17.895
KCNA5	cg24605304	0.015	0.357	17.619	0.016	0.334	22.532
AKR1A1	cg11323731	0.014	0.357	17.619	0.021	0.478	5.743
CDH9	cg19475870	0.099	0.354	17.619	0.101	0.341	22.532
MYOD1	cg24322623	0.015	0.351	17.619	0.014	0.344	22.532
PAPPA2	cg10994126	0.061	0.350	17.619	0.074	0.462	9.143
MGC50811	cg10498097	0.033	0.349	18.898	0.029	0.336	22.532
RUNX3	cg25178645	0.010	0.348	18.898	0.009	0.308	22.532
PLSCR2	cg03075662	0.052	0.348	18.898	0.064	0.415	17.895
CHFR	cg17387870	0.057	0.345	18.898	0.080	0.422	17.895
WISP1	cg03670238	0.095	0.345	18.898	0.124	0.401	17.895
APH1B	cg17207590	0.038	0.344	18.898	0.026	0.310	22.532
SSTR1	cg27590397	0.011	0.343	18.898	0.010	0.389	19.998
ZNF124	cg21918500	0.042	0.343	18.898	0.014	0.348	19.998
FLJ21820	cg02946570	0.131	0.342	18.898	0.160	0.394	17.895

Note. FDR = false discovery rate (%). Slope = slope of least squared line. Range = range of average beta.