

**Table S4: Mean and median fragment methylation for each repeat element class in neutrophils and placenta.**

Repeat classes	Sub class	Number. of fragments	Mean		Median		Difference
			NT	PL	NT	PL	
SINE	Alu	4577	0.878	0.682	0.940	0.759	0.18
SINE	MIR	735	0.730	0.549	0.892	0.575	0.32
LINE	L1	612	0.833	0.620	0.924	0.651	0.27
LINE	L2	529	0.789	0.597	0.910	0.635	0.28
LTR	ERV1	1215	0.868	0.672	0.929	0.709	0.22
LTR	ERVK	121	0.791	0.550	0.904	0.594	0.31
LTR	ERVL	258	0.827	0.602	0.912	0.605	0.31
LTR	ERVL-MaLR	360	0.866	0.613	0.922	0.616	0.31
Satellite	Satellite, centromeric, telomeric	125	0.796	0.522	0.878	0.529	0.35
Low complexity	Low complexity	1138	0.095	0.099	0.025	0.032	-0.01
Simple repeat	Simple repeat	253	0.207	0.169	0.025	0.037	-0.01
DNA repeat	DNA repeat	420	0.797	0.598	0.914	0.630	0.28
Other repeat	Other repeat	116	0.928	0.819	0.947	0.834	0.11

Abbreviations: NT: neutrophils; PL: placenta