

**Supplementary Table 8. Distribution of differentially methylated probes according to genomic features**

	<b>Number of probes (%)</b>	<b>Enrichment (95% CI)</b>	<b>P value</b>
<b>Differentially methylated probes</b>			
Promoter	2986 (2.08)	0.55 (0.52 - 0.57)	1.04E-193
Body	5168 (3.24)	1.06 (1.02-1.10)	0.002
3'UTR	374 (2.6)	0.82 (0.74-0.91)	0.0002
Intergenic	4115 (4.65)	1.76 (1.70-1.84)	3.96E-175
Overall	12269 (3.13)	—	—
<b>Hypermethylated probes</b>			
Promoter	1044 (0.73)	0.48 (0.45-0.51)	9.16E-107
Body	2238 (1.4)	1.30(1.23-1.38)	3.33E-19
3'UTR	204 (1.42)	1.18 (1.02-1.36)	0.022
Intergenic	1465 (1.66)	1.54 (1.45-1.64)	4.19E-40
Overall	4747 (1.21)	—	—
<b>Hypomethylated probes</b>			
Promoter	1942 (1.75)	0.60 (0.56-0.63)	4.21E-91
Body	2930 (1.83)	0.93 (0.88-0.97)	0.001
3'UTR	170 (1.18)	0.60 (0.51-0.70)	2.76E-12
Intergenic	2650 (3.0)	1.89 (1.80-1.99)	6.59E-155
Overall	7522(1.92)	—	—