

Table S1. Summary statistics of methylation sequencing data

Sample	Total reads	Mapping Rate	Percentage methylation (CpG context)	Average CpG Methylation	Average CpG Coverage	GC
T65	76,723,684	88.50%	47.70%	0.46	24.15	27.04%
N16	70,443,130	88.70%	45.70%	0.46	23.53	27.26%
T20	67,394,464	88.90%	44.70%	0.44	19.58	27.03%
N4	68,165,382	88.80%	46.50%	0.47	22.19	27.19%
T31	61,789,306	89.00%	46.90%	0.47	21.69	26.92%
N10	57,311,634	89.05%	46.70%	0.47	19.26	27.04%
T35	79,004,644	88.90%	46.10%	0.46	24.43	27.11%
N7	75,663,274	89.00%	47.20%	0.49	22.62	27.04%
T45	64,188,480	89.00%	47.40%	0.47	21.22	27.06%
N8	57,091,968	89.80%	46.80%	0.46	20.42	27.41%
T67	61,203,576	89.30%	44.30%	0.44	20.77	27.17%
N14	66,871,860	89.60%	47.40%	0.47	22.17	27.11%