



Figure S1 Workflow of this study.

Table S1 Univariate Cox regression analysis of differential DMS

Genes	P.Value	HR	lower.95	upper.95
cg06607764	0.009924	10.78255	1.768977	65.72356
cg25117523	0.011508	12.56156	1.764315	89.4357
cg19797376	0.020934	4.739344	1.265286	17.75202
cg14112356	0.049252	7.413059	1.006579	54.59427
cg11679455	0.02633	5.914049	1.232585	28.37611
cg27566403	0.020984	9.968	1.414777	70.23086
cg12606911	0.000536	5.367317	2.073188	13.89555
cg27425784	0.047099	6.351988	1.023975	39.40305
cg16391678	0.015096	5.83702	1.40677	24.21916
cg25119415	0.029875	0.327168	0.119361	0.896771
cg24033122	0.020554	5.34843	1.294105	22.10463
cg00933411	0.021067	0.291597	0.102337	0.830868
cg03941587	0.036882	0.214146	0.050371	0.910418
cg22978620	0.039259	2.487462	1.045888	5.915993
cg11811559	0.024799	0.317511	0.116596	0.864636
cg02431562	0.001602	9.08411	2.307109	35.76816
cg20400592	0.030714	5.267181	1.166958	23.77394
cg03240663	0.043356	0.339682	0.119163	0.968287
cg11164506	0.037405	0.345629	0.127093	0.939938
cg23892568	0.009065	5.103532	1.500422	17.35914
cg00848245	0.025552	0.238755	0.067914	0.839363
cg10227358	0.038918	3.159103	1.060285	9.412498
cg04085571	0.021534	3.768597	1.215796	11.6815
cg03329165	0.014477	3.015227	1.244856	7.303333
cg00091633	0.025715	0.200882	0.049026	0.82311
cg07274406	0.040511	3.621848	1.057202	12.40802
cg03935183	0.004459	9.203954	1.993367	42.49732
cg04039397	0.000361	5.694801	2.189434	14.81239
cg09459339	0.012786	2.823892	1.247161	6.394011
cg22801992	0.029615	3.138033	1.119808	8.793701
cg19638477	0.026709	2.748945	1.12382	6.724119
cg19552441	0.00101	6.656952	2.15019	20.60981
cg01201932	0.013282	0.294308	0.111772	0.774946
cg16873414	0.011034	5.187309	1.457526	18.46154
cg02938601	0.028096	4.374412	1.171852	16.32927
cg15962313	0.04415	0.393541	0.158703	0.975875
cg16674492	0.011657	2.407583	1.216403	4.765242
cg13018120	0.007316	0.247048	0.088932	0.68629
cg16916914	0.025503	2.449976	1.116068	5.378154
cg02436004	0.007226	3.984465	1.453188	10.92492