

## DNA METHYLATION OVERLAP WITH TSGs

TargetID	p-value	Regulation	Fold
cg00117172	0.004886982	down	1.0057656 RUNX3
cg00233307	0.03601812	down	1.264897 MAP4K1
cg00532335	0.037113205	down	1.2167307 LGI1
cg00655307	0.010517343	down	1.0504227 ESR1
cg00828602	0.049779586	down	1.0068048 WNT5A
cg00953256	0.02978021	down	1.1559812 CCND1
cg02519218	0.020803574	down	1.4687146 CHFR
cg03000603	0.036373258	down	1.0139004 DHX34
cg03001305	0.040087022	down	1.2585757 STAT5A
cg03950654	0.022243641	down	1.0068648 ARRB2
cg04717045	0.02397187	down	1.1352248 CCND1
cg04757093	0.0360537	down	1.0920857 RUNX3
cg05229898	0.014857085	down	1.0093105 EGR1
cg05260966	0.022152323	down	1.1090835 TIMP3
cg05852416	0.01563264	up	1.0012873 NFKBIA
cg06611744	0.024211025	down	1.2026576 RASL11A
cg07380496	0.015449618	down	1.0019941 MAP1B
cg07580475	0.027472828	down	1.0167663 SEMA3B
cg08859916	6.34E-05	down	1.0114857 PTEN
cg08966293	4.72E-05	down	1.0432624 MAPK3
cg08996502	0.003914906	down	1.0108676 SCRIB
cg09106999	0.04845918	down	1.1342369 CDK2
cg09440289	0.04584665	down	1.0125773 PTPRO
cg10315128	0.04711259	up	1.0027515 SMAD4
cg10546523	0.0123313	down	1.0027348 SEMA3B
cg10709021	0.020885138	down	1.0790322 WRN
cg10716607	0.038653936	down	1.0074066 TOPORS
cg10818781	0.04121037	down	1.1782813 PHB2
cg11226328	0.04918694	down	1.1160285 EPB41
cg11516377	0.040247273	down	1.109968 DPH1
cg11563860	0.048019584	down	1.0524021 CNTN4
cg12032620	0.044300444	down	1.0037194 TP53BP1

cg12091944	0.02930433 down	1.0387295 BARD1
cg12382902	0.03409247 down	1.0095288 CCND2
cg12497564	0.015743613 down	1.0923673 RBP1
cg12654845	0.039256725 down	1.141838 CLDN2
cg12998614	0.041364744 down	1.247476 KISS1R
cg13315690	0.043822892 down	1.1513113 OVCA2
cg13343486	0.032629494 down	1.0115095 KLK10
cg13800022	0.015550529 down	1.0048833 ITGB1
cg13956671	0.047779813 down	1.0090307 CUL2
cg14358502	0.032462515 down	1.0057781 NAT6
cg14663065	0.033665977 down	1.0027792 CTNNB1
cg14824983	0.024514422 down	1.020101 SEMA3B
cg15020645	0.008261918 up	1.0023831 APC
cg15489301	0.025064114 down	1.0401878 AKR1B10
cg15597540	0.048687726 down	1.00947 CYB561D2
cg15664067	0.041754406 down	1.0024887 RASA1
cg15679651	0.046557788 down	1.3442262 MAP4K1
cg15778232	0.036673088 down	1.1999531 PHB2
cg16293088	0.0451398 up	1.0030754 NF2
cg16872071	0.04346331 down	1.1138693 RALGDS
cg17412258	0.047201145 up	1.0885533 DLK1
cg17627559	0.019972404 down	1.1968164 TSPAN32
cg18353563	0.011329789 down	1.1157254 ABTB1
cg18548413	0.04242135 up	1.0030267 PHB
cg18813928	0.022053117 up	1.0030351 RUNX3
cg18972811	0.007193056 down	1.0048847 SLIT2
cg19335327	0.030703343 up	1.0389541 PEG3
cg19427610	0.030151248 down	1.0251749 WIF1
cg19574488	4.51E-04 down	1.0674837 FHIT
cg19781053	0.026108159 down	1.0016358 TJP1
cg19863740	0.02573217 down	1.2592075 PARVG
cg20066677	0.041814808 down	1.2113032 CHFR
cg20225915	0.026165586 down	1.1088207 LRDD
cg20333306	0.023546262 up	1.032636 RB1

cg20394284	0.03707339 down	1.4033822 JAK2
cg21039631	0.03215471 down	1.2727208 CD58
cg21232015	0.018138077 down	1.469136 CHFR
cg22781397	0.03444608 down	1.0005491 CDK2
cg22782492	0.002346391 down	1.0081861 VHL
cg22814247	0.017009337 up	1.0019691 SIRT2
cg23069305	0.041072425 down	1.0179946 SENP1
cg23363832	0.03251344 down	1.164472 RBP1
cg23698287	0.04781826 down	1.0325145 HDAC1
cg24080529	0.027431753 down	1.1088299 TIMP3
cg24145210	0.023525612 down	1.012597 NPM1
cg24324379	0.032578666 down	1.0036123 IDH1
cg24895052	0.033938408 down	1.1837218 MPP3
cg24937706	0.012397943 up	1.0020038 RB1
cg25178645	0.024269171 down	1.0045421 RUNX3
cg26124016	0.044053968 down	1.0088153 RARB