

Supplemental_Table_S4 : GSEA shows gene sets similar to differentially expressed genes associated with 5-hmC changes

NAME	NES	NOM p-val
REN_ALVEOLAR_RHABDOMYOSARCOMA_DN	1.966373	<0.001
KOINUMA_TARGETS_OF_SMAD2_OR_SMAD3	1.765127	<0.001
WANG_SMARCE1_TARGETS_DN	1.746358	<0.001
KIM_WT1_TARGETS_DN	1.680485	0.0118
TONKS_TARGETS_OF_RUNX1_RUNX1T1_FUSION_MONOCYTE_UP	1.654752	<0.001
BRUINS_UVC_RESPONSE_VIA_TP53_GROUP_B	1.622081	<0.001
STEIN_ESRRA_TARGETS	1.620892	<0.001
LIM_MAMMARY_STEM_CELL_UP	1.611176	<0.001
LEI_MYB_TARGETS	1.606405	0.0282
CHARAFE_BREAST_CANCER_LUMINAL_VS_MESENCHYMAL_DN	1.596172	<0.001
DELYS_THYROID_CANCER_UP	1.571922	0.0108
MILI_PSEUDOPODIA_CHEMOTAXIS_DN	1.569681	<0.001
STARK_PREFRONTAL_CORTEX_22Q11_DELETION_DN	1.542456	0.0215
DUTERTRE ESTRADIOL_RESPONSE_24HR_DN	1.541725	<0.001
RICKMAN_METASTASIS_DN	1.524169	0.0241
CHICAS_RB1_TARGETS_SENESCENT	1.504618	0.0227