ChIP vs. DNA methylation H3K27m3 H3K4m3 H3K36m3 3-15-15-2number of genes 10-DNA methylation hypermethylated hypomethylated 5-5-0-0-0-H3K4m3_commdn3K4m3_old H3K27m3_young H3K36m3_commldaK36m3_old