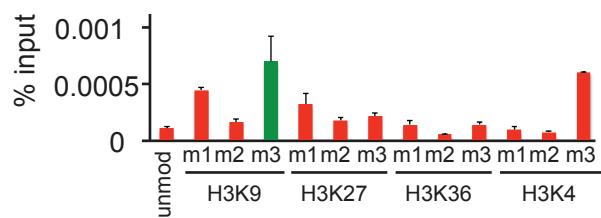


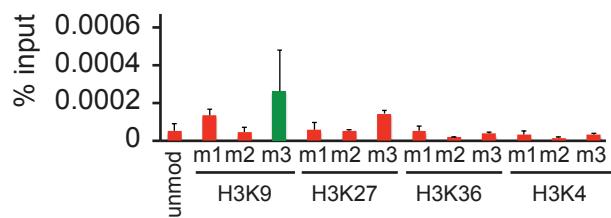
Supplemental figure 2

A

H3K9me3 abcam 8898
lot# GR3176468-1

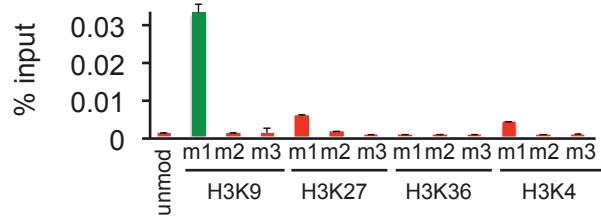


H3K9me3 Active Motif
39765

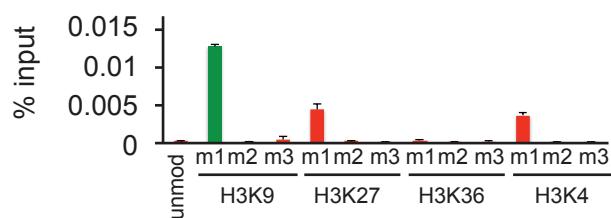


B

H3K9me1 epicypher 13-0014
lot # 14247001

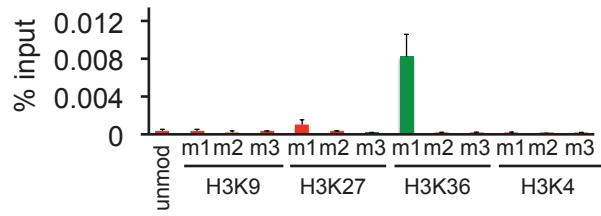


H3K9me1 abcam ab8896
lot# GR3184240-1



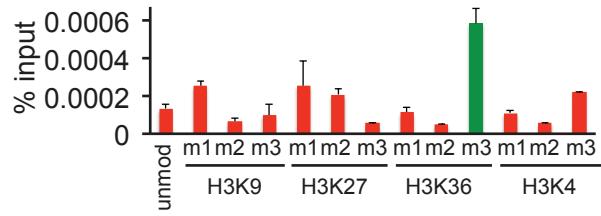
C

H3K36me1 abcam ab176920
lot# GR210225-1



D

H3K36me3 abcam ab9050
lot # GR3177963-1



Supplemental figure 2.

A-D) Chromatin immunoprecipitation efficiency and specificity was determined for antibodies using the Epicypher SNAP-ChIP K-MetStat panel spike-in. The relative enrichment over input is shown for nucleosomes containing unmethylated Histone H3 and Histone H3 mono, di- or tri-methylated on Lysine 4, 9, 27 or 36. Green bars indicate the relative enrichment of nucleosomes containing the expected target modification for the respective antibody. Red bars indicate the relative enrichment over input for off-target modifications.