BEAF-32 -0 CG10630 -H3K23ac -0 CP190 -0 0 Enhancer-of-zeste -GAF -0 0 H3K27me2 -0 H1 -0 H3 -Chriz - 0.075 PolII -0.076 0.1 ISWI -KDM4A -0.1 SPT16 -0.1 0.1 Pc -NURF301 -0.14 H3K9ac -0.15 H4acTetra -0.15 0.15 H3K18ac -H4K12ac -0.15 dRING -0.15 HP1a -0.16 0.21 H3K79me3 -0.21 PR-Set7 -H4K20me1 -0.21 0.22 MLE -H3K9me1 0.26 H3K4me3 0.28 CTCF -0.29 0.3 H3K4me1 -Su(Hw) -0.3 0.3 H4K16ac H2BK5ac -0.31 0.31 H3K27ac -0.31 H4K8ac -0.31 dMi-2 MRG15 -0.4 Replication-Origin 0.4 LSD1 0.41 H3K9me2 0.61 H3K36me3 H3K4me2 0.79 0.81 H2Av 0.82 JIL-1 -0.82 H3K36me1 H4K5ac 0.82

H3K79me2 0.82 0.83 H3K27me3 H3K79me1 0.9 1 H3K27me1 H2Bubi --log10 p-value -15 **-**5 0 -10log2\_enrichment