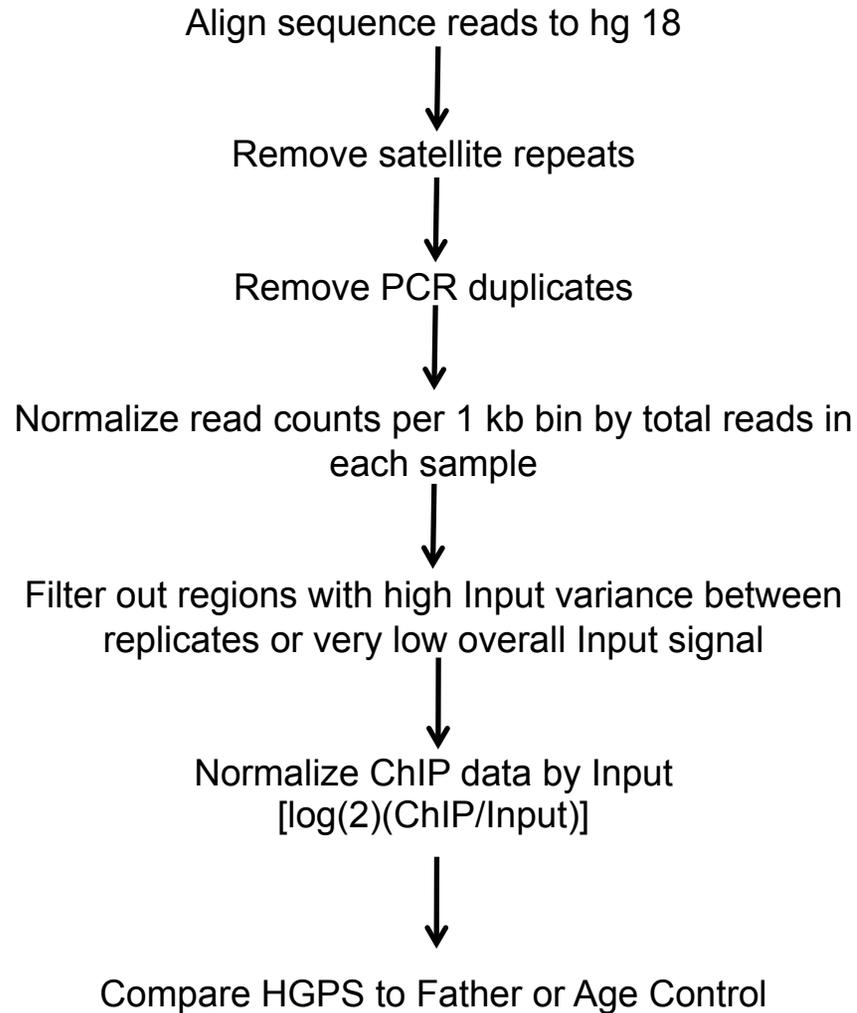


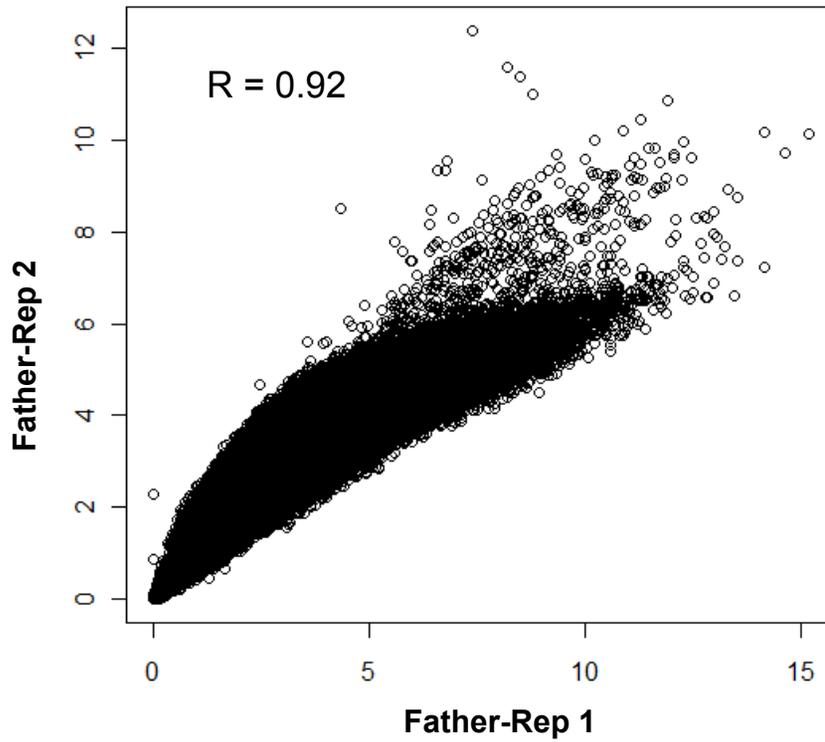
An overview of ChIP-seq analysis



Reproducibility between biological replicates

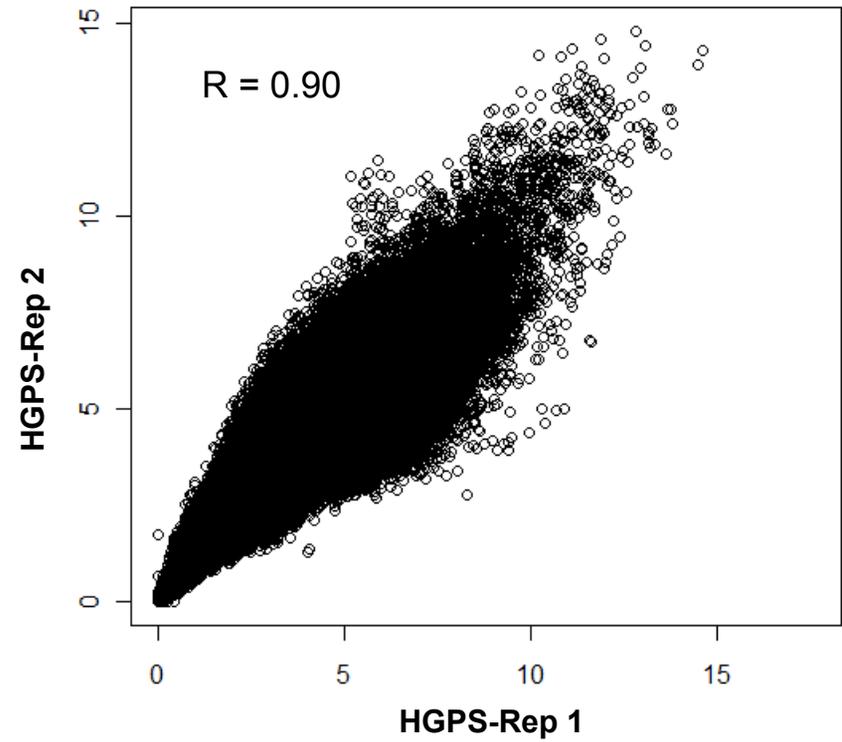
A

H3K27me3 Correlation between Father Replicates

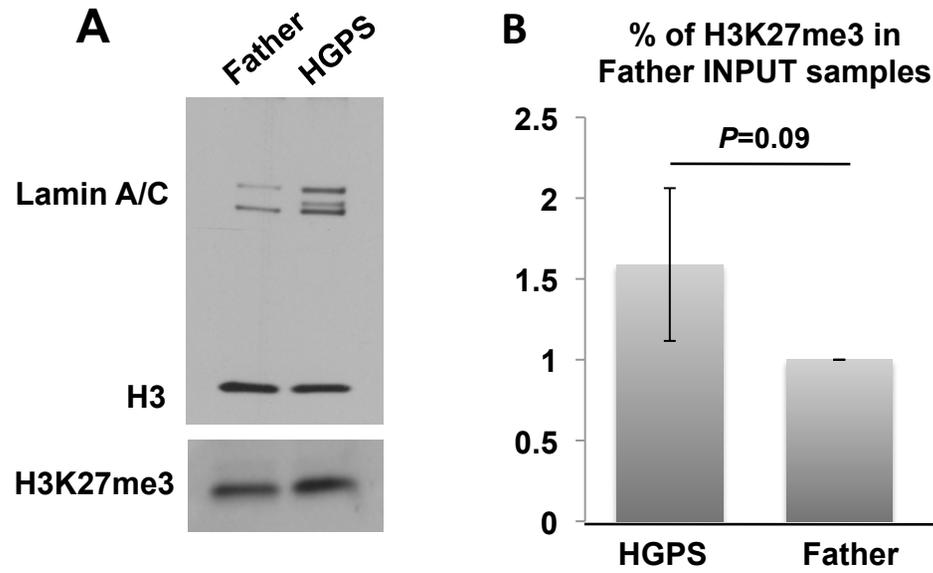


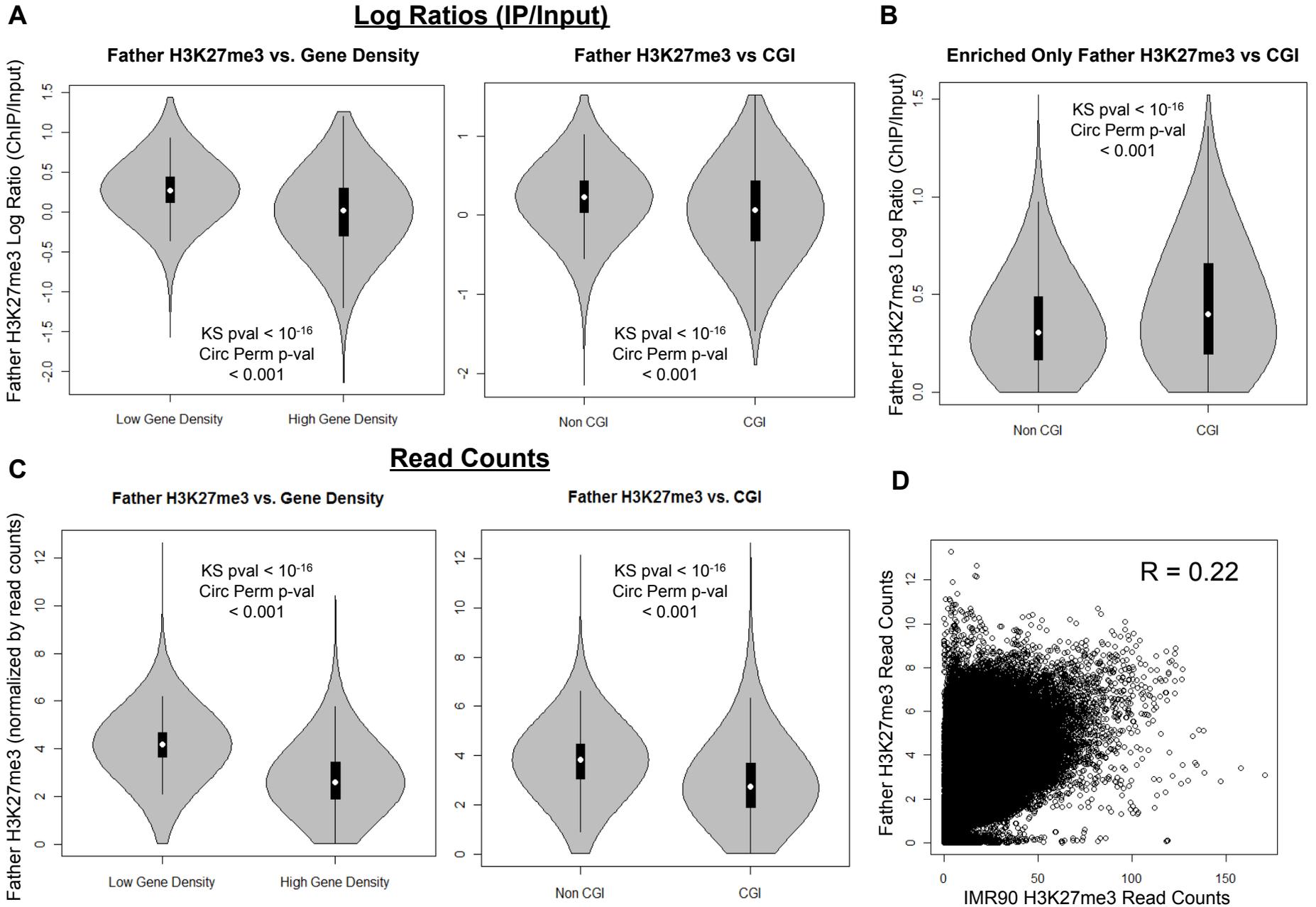
B

H3K27me3 Correlation between HGPS Replicates



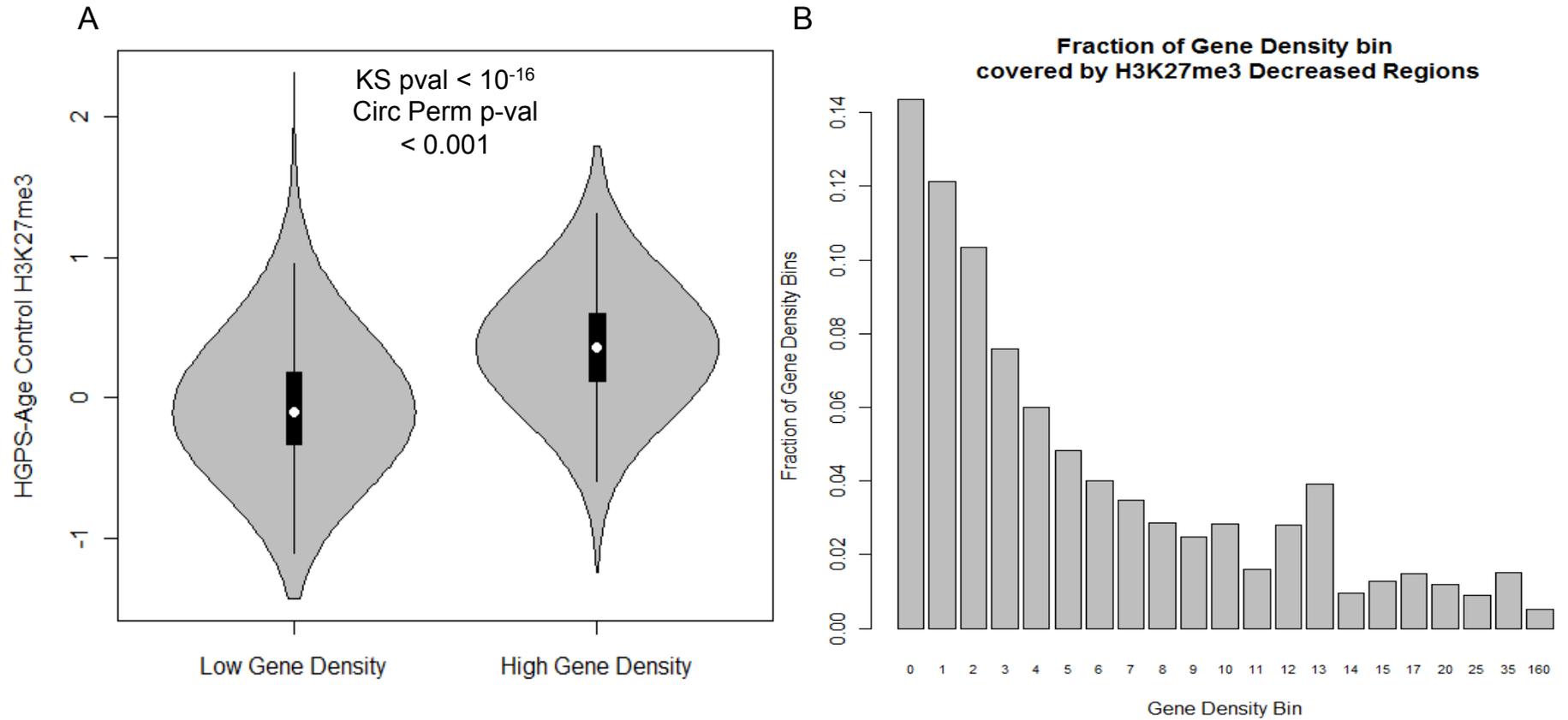
The H3K27me3 levels are comparable in the Inputs of HGPS and control samples



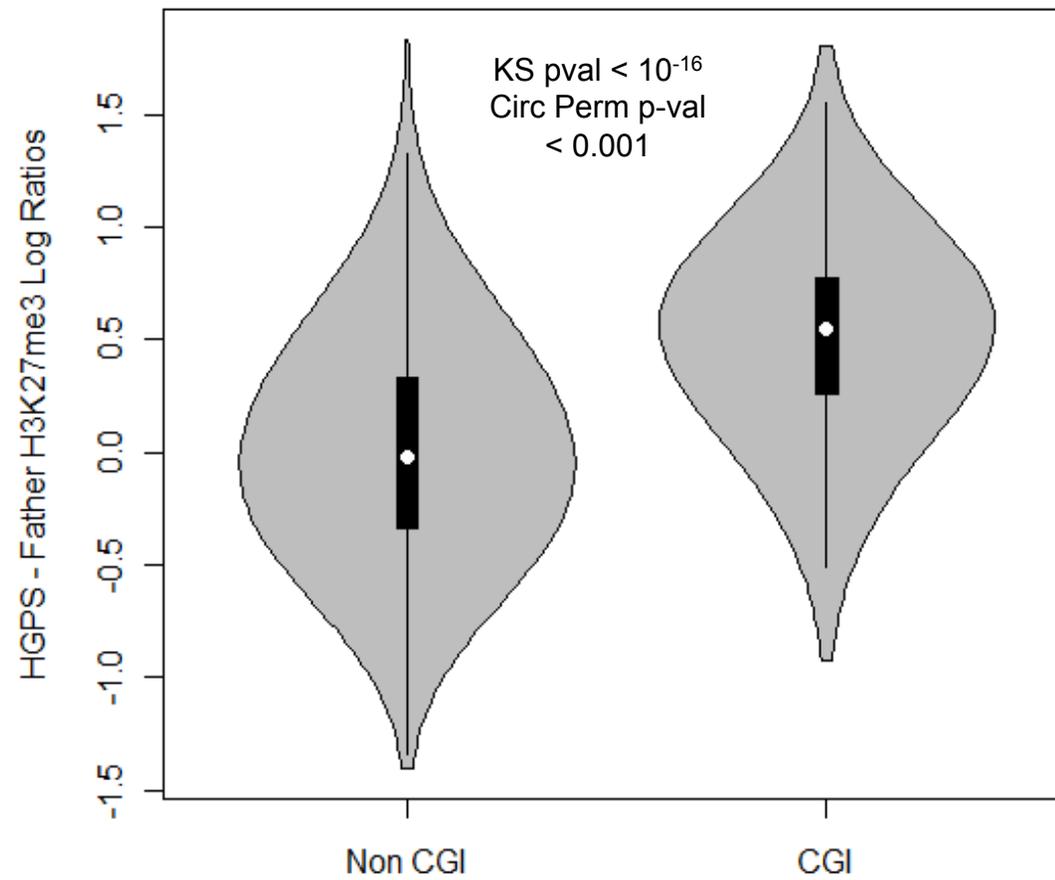


Supplementary Figure 4

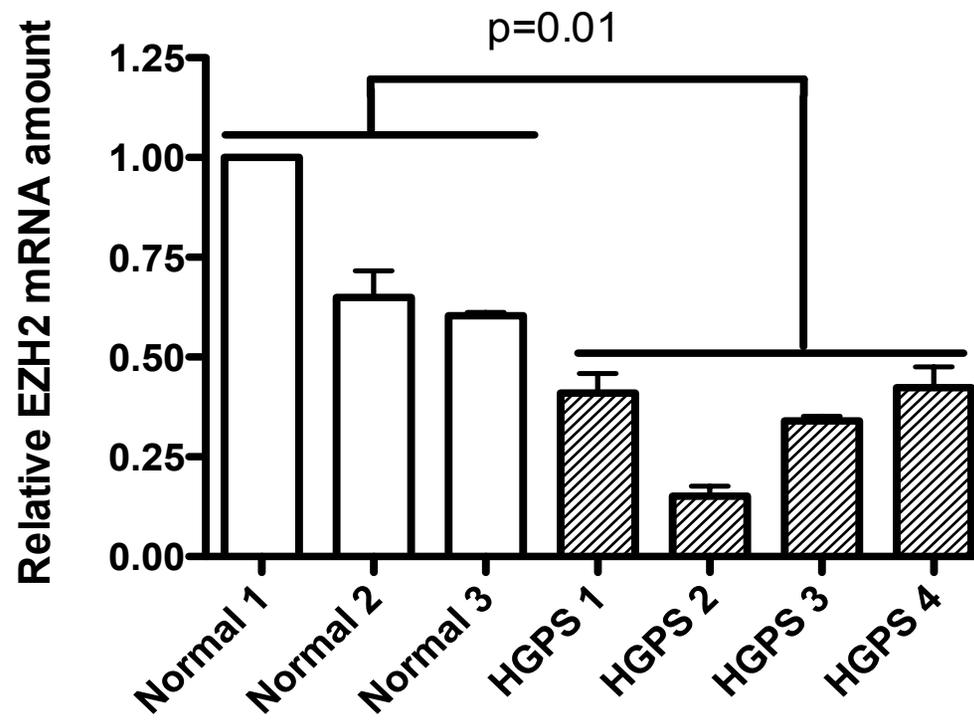
Changes in H3K27me3 in age-control vs Gene density



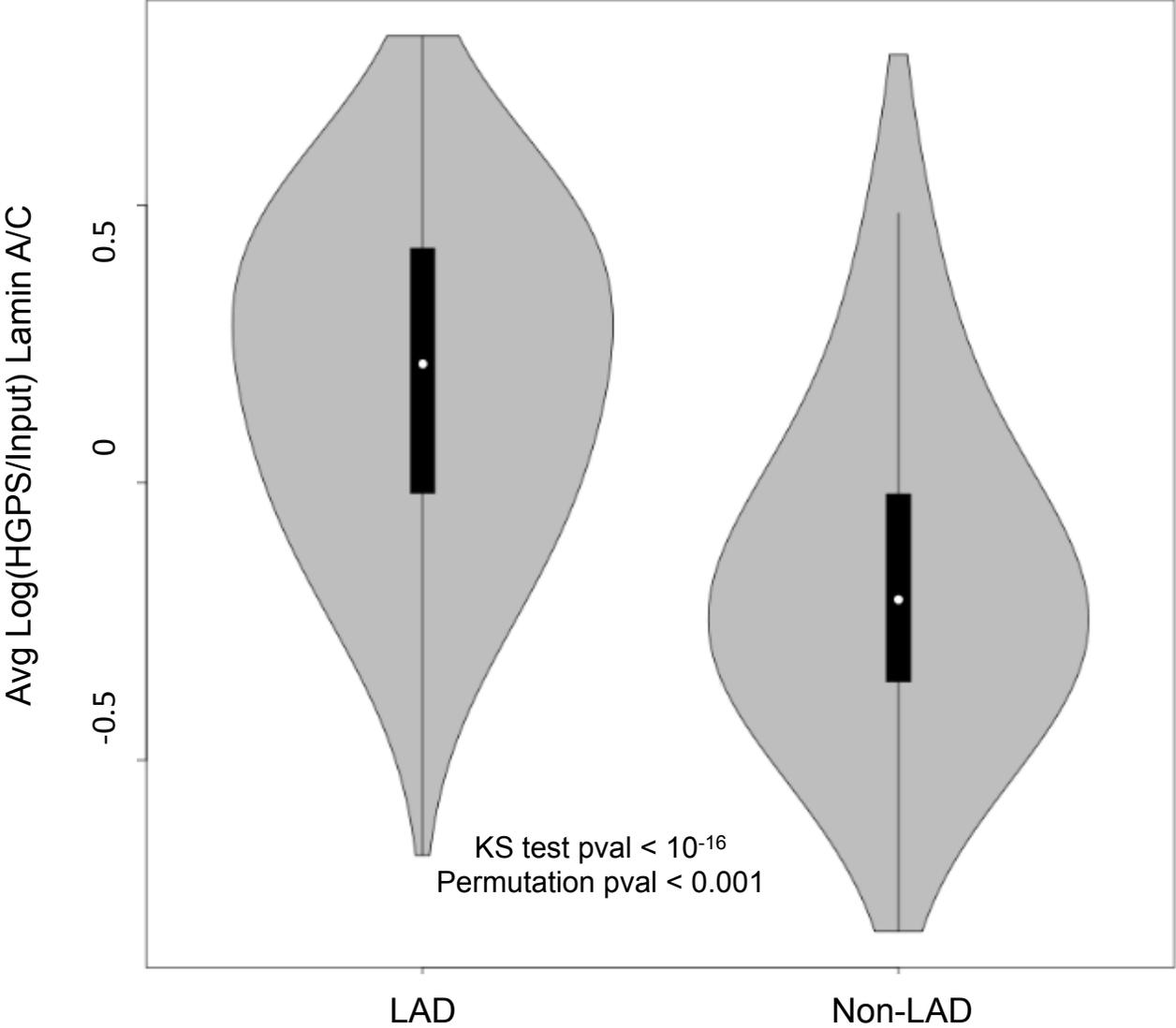
Father->HGPS H3K27me3 Change vs. CGI

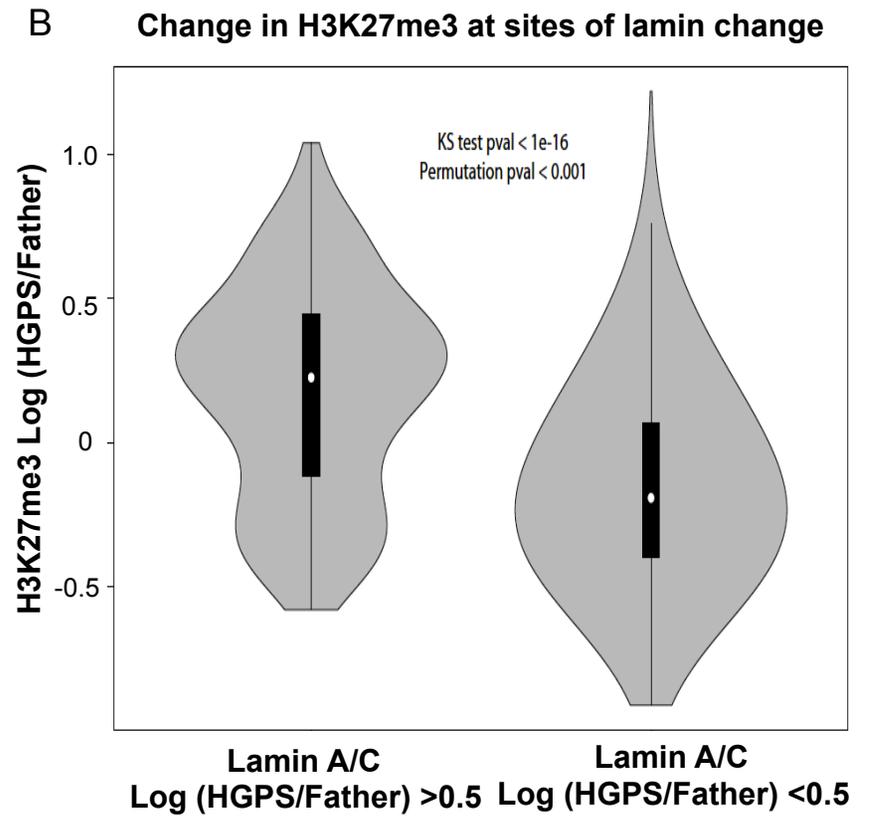
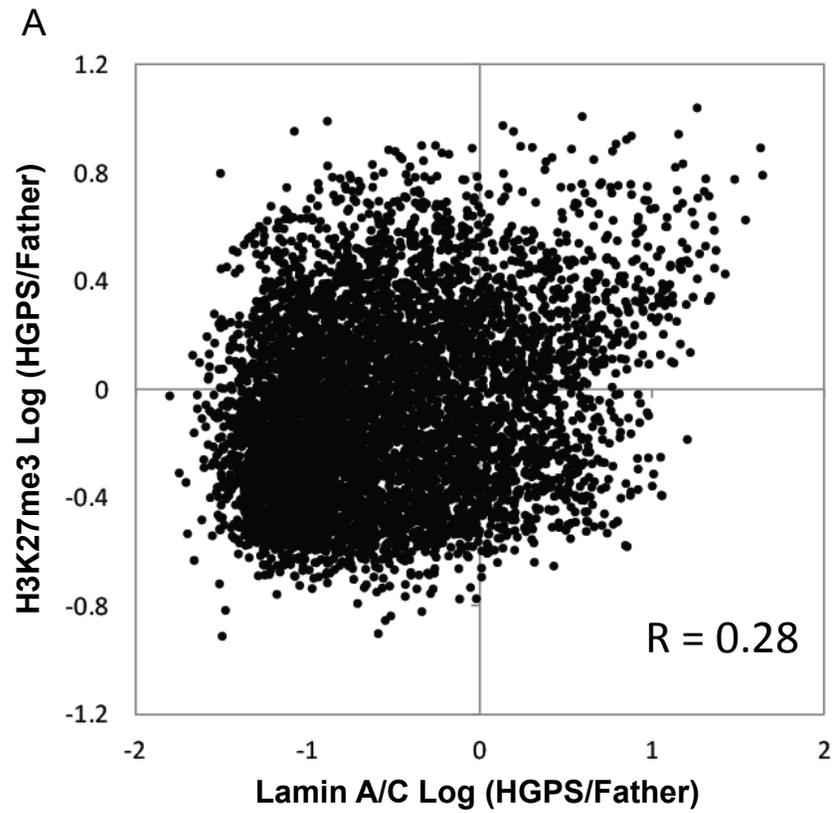


Down-regulation of EZH2 mRNA in HGPS fibroblasts

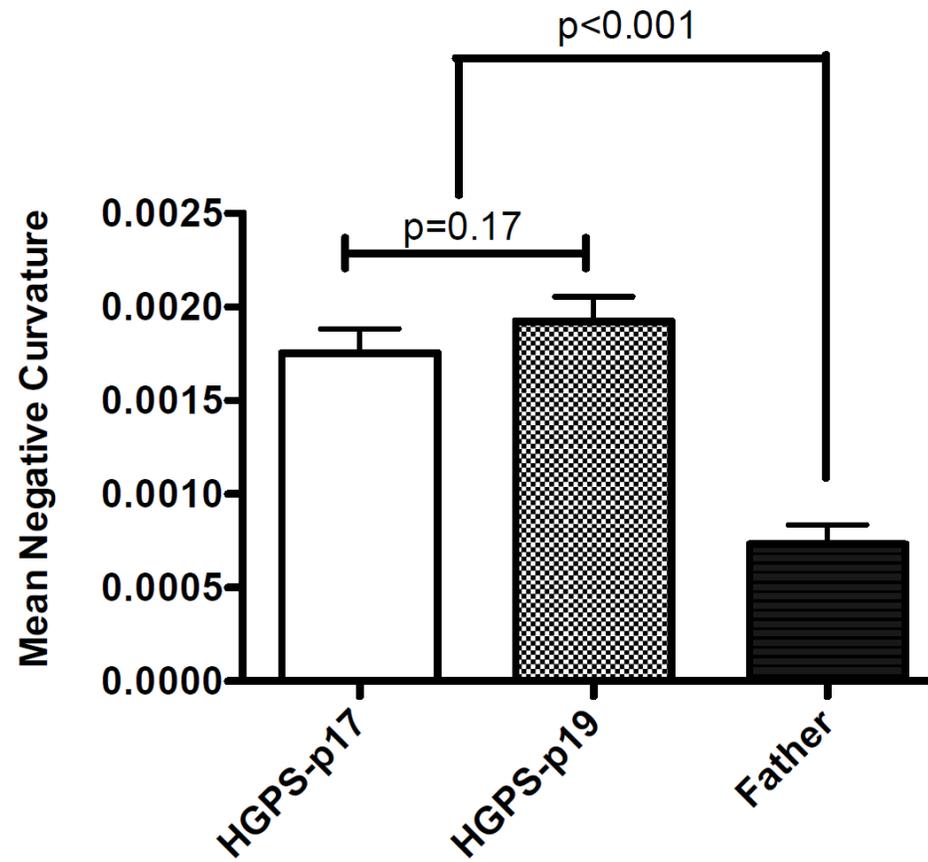


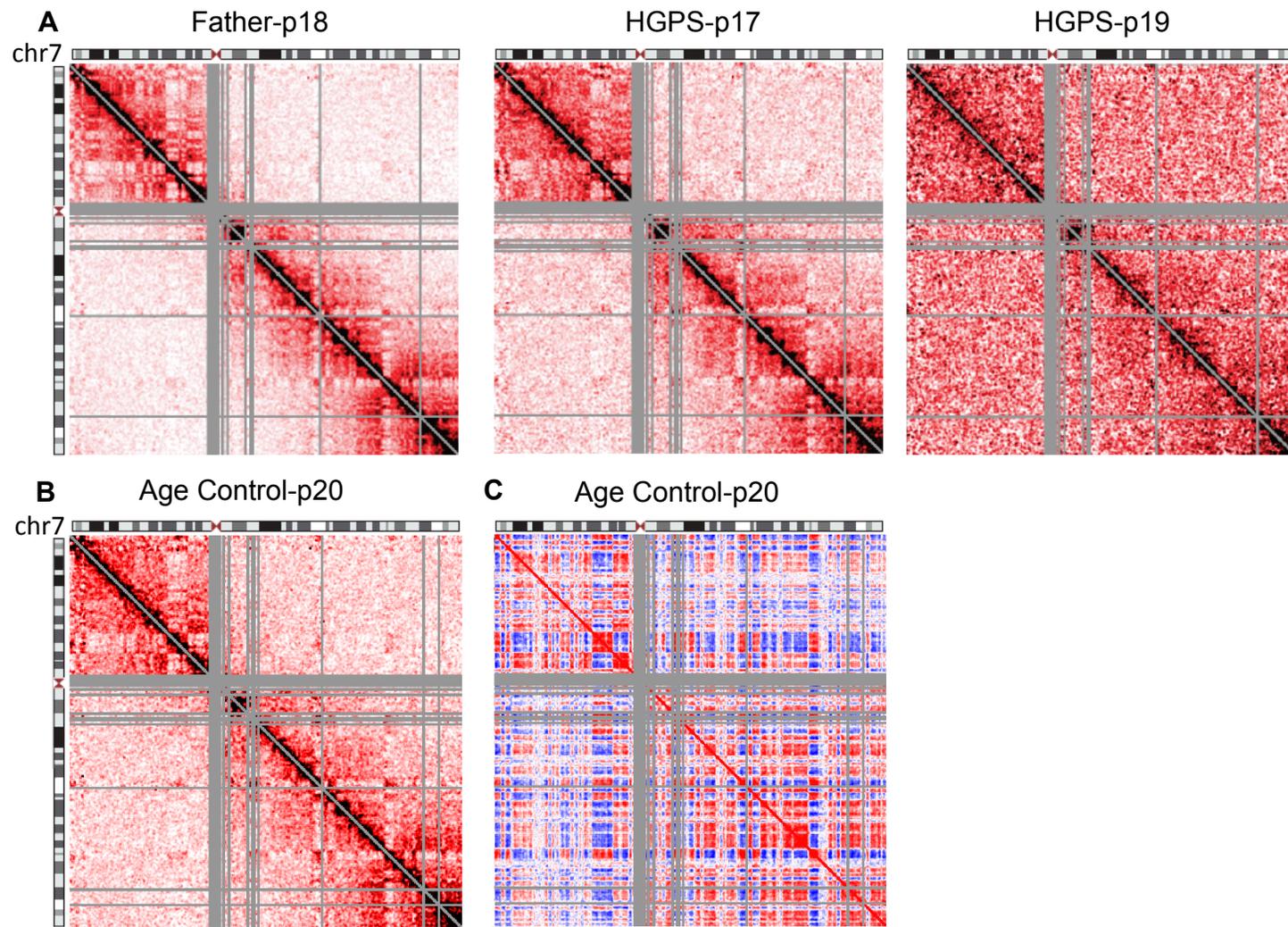
HGPS Lamin ChIP-Seq Comparison with Tig3 Fibroblast LADs





Nuclear Blebbing Quantification





Histogram of changes in eigenvector values (HGPS vs. Normal)

