

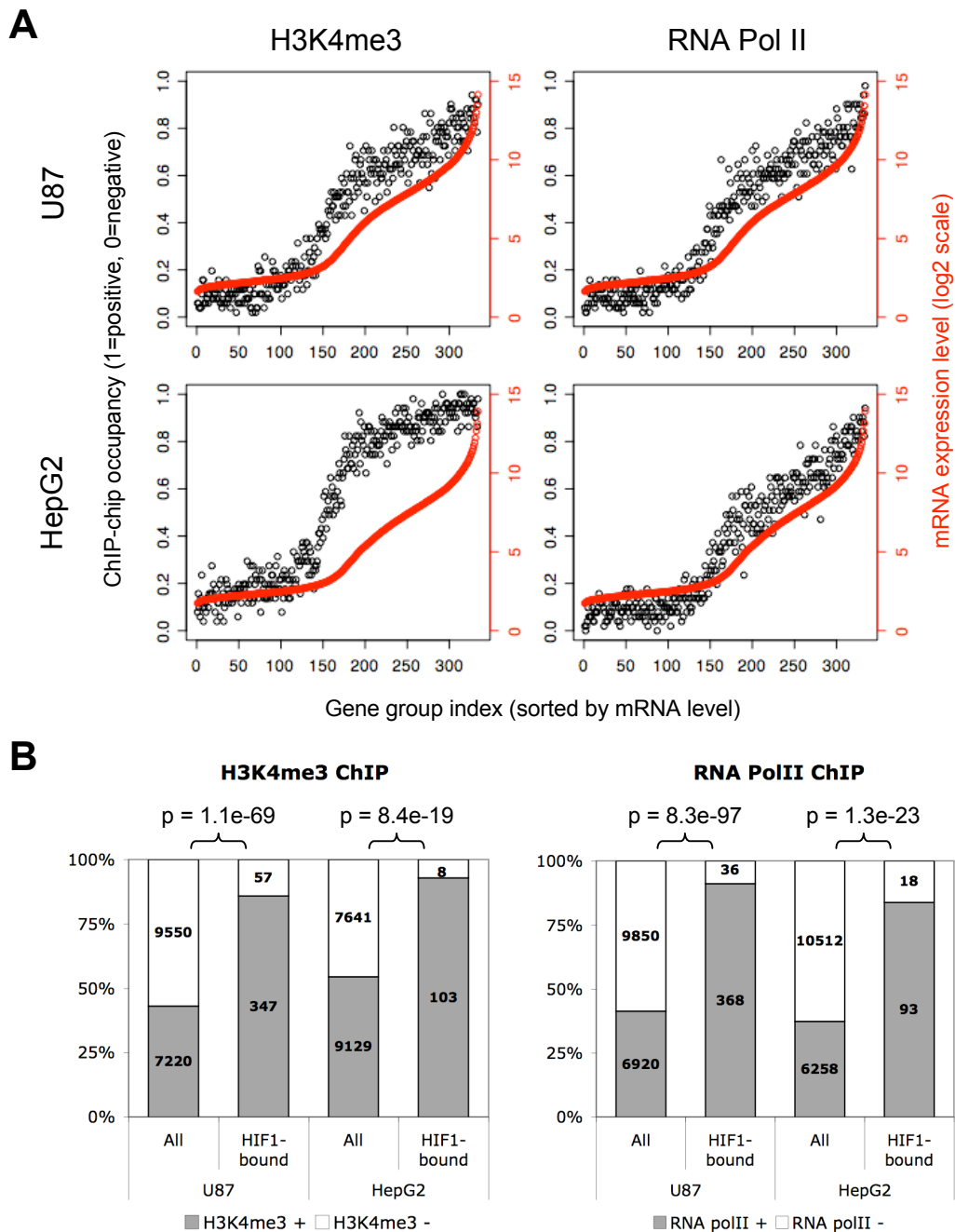


Figure S2. HIF-1 preferentially binds to loci marked with RNA Pol II and H3K4me3.

A. H3K4me3 and RNA Pol II binding percentages are correlated with mRNA expression levels. All genes were sorted by their mRNA levels and binned into sets of 100 genes. H3K4me3 or RNA Pol II occupancy percentages (1= positive, 0 = negative) of each 100 gene set (black dots in the Figure) are plotted along with their average mRNA levels (red dots).

B. HIF-1 binds to promoters that are marked with H3K4me3 or RNA Pol II under normal growth conditions. Statistical significance determined by Fisher Exact Test.