Additional File 5
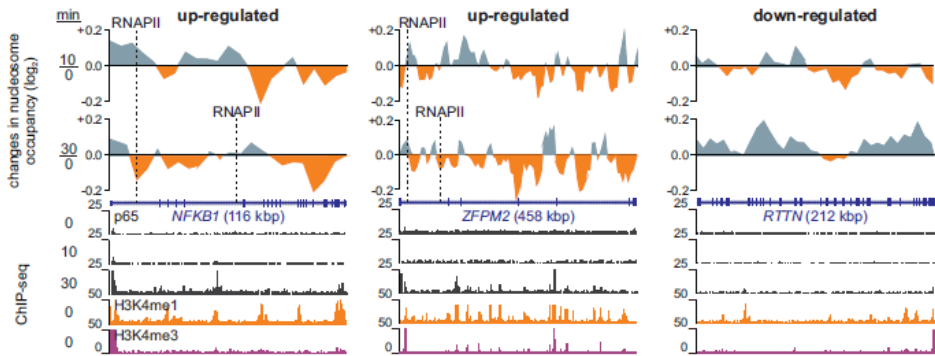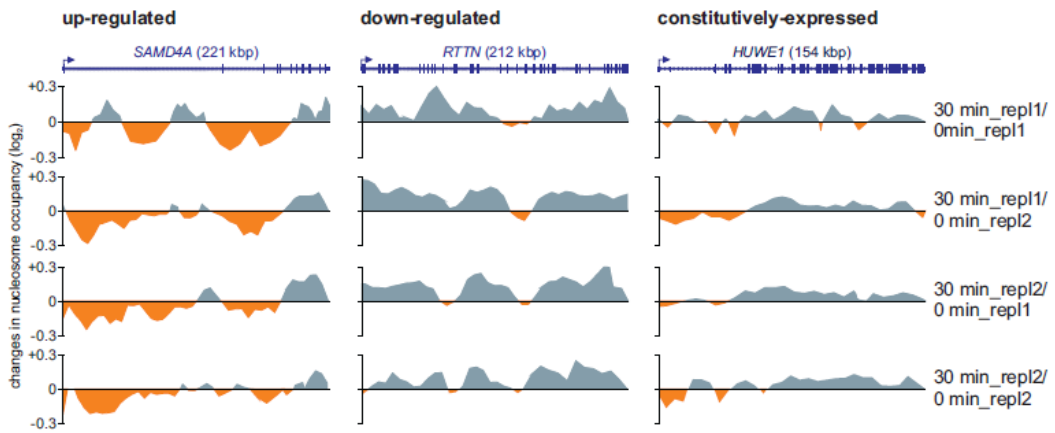
A Nucleosome repositioning precedes RNAPII elongation

B Gene examples (30 min compared to 0 min)

Additional File 5 | Changes in nucleosome occupancy along genes. (**A**) Brower views showing (log₂ fold) changes in nucleosome occupancy at 10 or 30 min (determined as in **Figure 2**; enrichment: *grey*, depletion: *orange*) along three long genes. Tracks for p65 (*black*), H3K4me1 (*orange*), and H3K4me3 (*purple*) ChIP-seq are shown below (*y-axis*: reads/million). (**B**) Reproducibility of observed changes in nucleosome occupancy (determined as in **Figure 2**). 0- and 30-min MNase-seq data from two biological replicates ("repl1" and "repl2"), compared in all pairwise combinations, yield similar enrichment/depletion profiles; typical examples of up-, down-regulated, and constitutively-expressed genes are shown.