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) Browser views showing (log_{2} 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.