Additional File 7

A  Inter- v intra-genic p65 sites

B  Some examples
Additional File 7 | Comparison of inter- and intra-genic NF-κB binding events. (A) Genes were classified as up- (left) or down-regulated (right) without a read cutoff (to include more genes in the analysis), and p65 peaks in/around them as Intra- (blue) or Inter-genic (grey), respectively. Top: Venn diagrams show the number of genes associated with ≥1 p65 inter-/intra-genic peak; cumulative plots show minimum separations between peaks. Middle: Cartoons illustrate the numbers and median separations of inter- (grey) and intra-genic (blue) p65 peaks in each gene subset. Bottom: Normalized nucleosome occupancies around p65 peaks (calculated by summing occupancies at 50-bp intervals) at 0, 10, and 30 min. (B) Examples of Intra- (highlighted blue) and inter-genic (highlighted grey) p65 peaks along a typical locus on chromosome 8. Browser tracks illustrate “reads per million” obtained by MNase-seq (0-min levels in grey underlie 10- and 30-min in green to facilitate comparison) and p65 ChIP-seq (black). Magnifications of nucleosome occupancy around typical p65 binding peaks are shown below.