

**Table S2**

Key parameters for molecular dynamics simulations, related to Figures 6B-F and S6.

MD simulation	Number of nucleosomes	Nucleosome repeat length and free DNA	Acetylated nucleosomes
Control	16	190 bp x 16 nucleosomes	None
Myc promoter	13	190 bp x 5 nucleosomes 380 bp free DNA 190 bp x 8 nucleosomes 190 bp free DNA	1 and 8 to 13
Nucleosome ejection	14	190 bp x 7 nucleosomes 380 bp free DNA 190 bp x 7 nucleosomes	None
Acetylated control	16	190 bp x 16 nucleosomes	6 to 10