**Supporting Text S2.** *Kinetic Parameter Values*

Parameter values for the integrated model of Fig. 8A were  min-1 (transition from active to conducive states),  min-1 (nucleosome assembly),  min-1 (nucleosome disassembly),  (nucleosome sliding),  min-1 (the hat ^ refers to molecules isolated from *PHO4* *pho80* *TATAPHO5* cells); and  min-1,  min-1,  min-1 (the prime refers to *pho4* *pho80* *tataPHO5* cells). The values of other parameters were as indicated for Fig. 5B:  h-1,  h-1,  min-1,  min-1. The parameter values were determined, as described in the main text, from EM, RNA-FISH, northern blot analysis, and measurements of protein molecule number; with  as indicated above, which gives  (Fig. 6B).