

One subunit active, one subunit diffusive model



Scaled diffusion
rate:

$v_{\text{diff}}/v = 0.005$

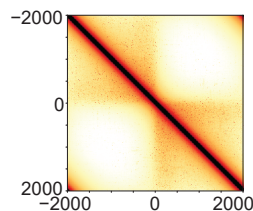
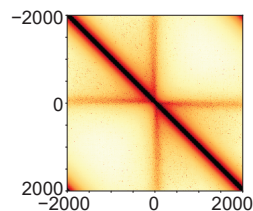
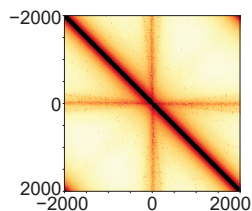
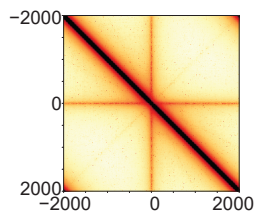
$v_{\text{diff}}/v = 0.1$

$v_{\text{diff}}/v = 1$

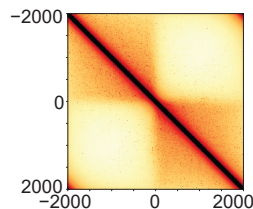
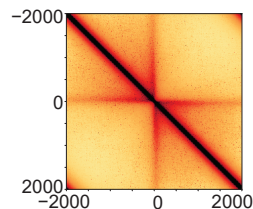
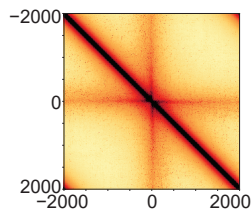
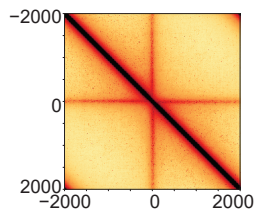
$v_{\text{diff}}/v = 3.5$

Number of extruding SMC complexes

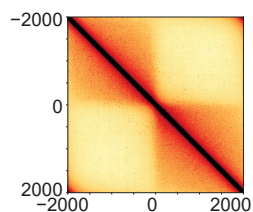
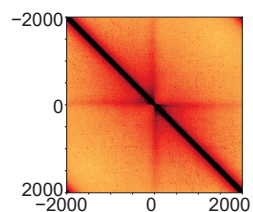
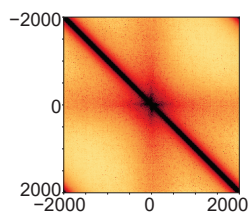
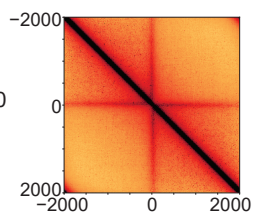
$N = 2$



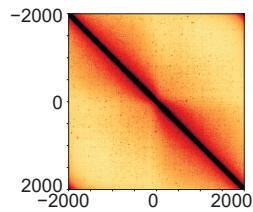
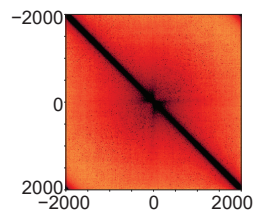
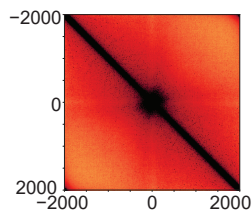
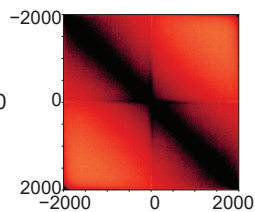
$N = 5$



$N = 10$



$N = 30$



Genome position (kb)

Genome position (kb)

Genome position (kb)

Genome position (kb)