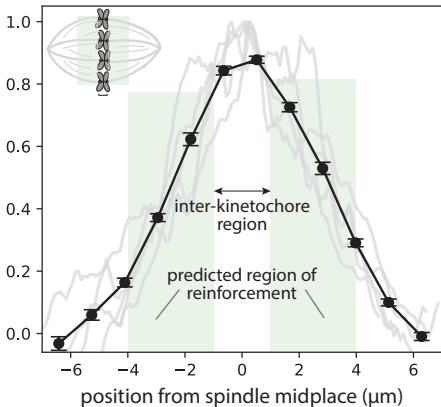


engaged PRC1 level per tubulin (normalized)



BINDING STATES

freely diffusing



singly bound

Diagram illustrating the singly bound state, showing a black square representing a PRC1 complex bound to a horizontal line representing a microtubule.

$$c_1(\mathbf{r}) = \frac{\rho_{\text{MT}}(\mathbf{r})}{K_d} c_f$$

doubly bound
(engaged)

Diagram illustrating the doubly bound (engaged) state, showing two horizontal lines representing microtubules with a black square representing a PRC1 complex bound between them.

$$c_2(\mathbf{r}) = c_{\text{tot}}(\mathbf{r}) - c_1(\mathbf{r}) - c_f$$