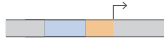





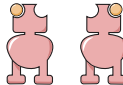





PROMOTER OCCUPANCY STATES	
state	statistical weight
	1
	$\frac{P}{N_{NS}} e^{-\beta \Delta \epsilon_P}$
	$\frac{R_A}{N_{NS}} e^{-\beta \Delta \epsilon_{RA}}$
	$\frac{R_I}{N_{NS}} e^{-\beta \Delta \epsilon_{RI}}$

ALLOSTERIC STATES			
state	weight	state	weight
	1		$e^{-\beta \Delta \epsilon_{AI}}$
	$2 \frac{c}{K_A}$		$2 e^{-\beta \Delta \epsilon_{AI}} \frac{c}{K_I}$
	$\left(\frac{c}{K_A} \right)^2$		$e^{-\beta \Delta \epsilon_{AI}} \left(\frac{c}{K_I} \right)^2$