

<u>ricactions</u>		riate constants		Description
Protein A	Protein B	forward	reverse	
$O \longrightarrow O + A$	$O \longrightarrow O + B$	θ		expression
$A \longrightarrow \varnothing$	$B \longrightarrow \varnothing$	$\theta/4$		decay
$2 A \Longrightarrow A_2$	$2B \Longrightarrow B_2$	5	5	dimerization
$O + A_2 \rightleftharpoons OA_2$	$O + B_2 \rightleftharpoons OB_2$	5	1	operator binding
$OA_2 \longrightarrow OA_2 + A$	$OB_2 \longrightarrow OB_2 + B$	θ		bound expression