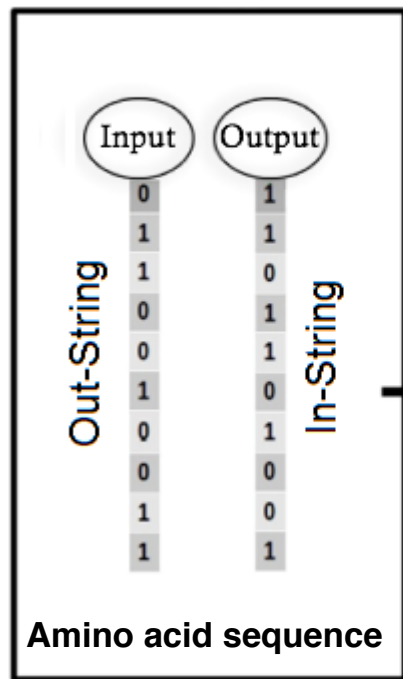


Input-Output System



$$E_{ij} = -\epsilon I_{ij}$$

Interaction Energy	
E_{11}	$-\epsilon$
E_{12}	0
E_{21}	0
E_{22}	0

$$k_{ij} = \frac{k_0}{1 + e^{-(E_{ij} - E_0)}}$$

Rate Constant
k_{11}
k_{12}
k_{21}
k_{22}

Rate constants