

Table S3. CaMKII transition rate parameters.

Parameter	Value	References
k_{IB}	$246 \text{ mM}^{-1} \text{ ms}^{-1}$	Meyer et al., Gaertner et al.*
k_{BI}	0.0022 ms^{-1}	Meyer et al.
k_{BOx}	$2.91 \times 10^{-4} \mu\text{M}^{-1} \text{ ms}^{-1}$	Erickson et al.*
k_{OxB}	$2.23 \times 10^{-5} \text{ ms}^{-1}$	-
k_{PB}	0.00003 ms^{-1}	Hund et al.
k_{POxP}	k_{BOx}	-
k_{OxPP}	K_{OxB}	-
k_{OxPOx}	k_{PB}	-

*Derived