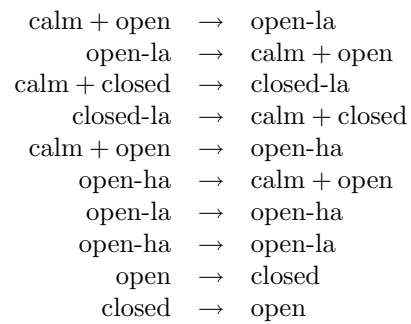


Table S3: **List of reactions for small model of calmodulin binding and subunit opening to determine opening probability.**



List of reactions for small model of calmodulin binding and subunit opening to determine opening probability. Here, “calm” denotes calmodulin, “closed” the closed form of a CaMKII subunit, “open” the open form, and “open-la”, “closed-la” and “open-ha” denote the open or closed for of CaMKII bound to calmodulin at the low-affinity or high-affinity binding site, respectively.