Species	Concentration (count)	k_{on}	k_{off}	reference
CB	* 'CBhi', 0.99e-6 i.e. 1/2 of total CB molarity (1.98*10e-6) * 'CBlo', 0.99e-6 i.e. 1/2 of total CB molarity (1.98*10e-6)	* CBhi = 1.1e7 * CBhi_Ca = 1.1e7 * CBlo = 8.7e7 * CBlo_Ca = 8.7e7	* CBhi = 2.607 * CBhi_Ca = 2.607 * CBlo = 35.76 * CBlo_Ca = 35.76	[3]
PV	'PV', 4.55e-6			[5]
CR	* 'CRTT', 0.1976e-6 # 4/5 of total CR concentration (2 pairs of cooperative sites) * 'CRind', 0.494e-6 # 1/5 of total CR	* kon_T = 1.8e6 * kon_R = 3.1e8 * kon_ind = 7.3e6	* koff_T = 53 * koff_R = 20 * koff_ind = 252	[2]
CaM	* 'CaM_NtNt', 0.5 * 57.82e-6 * 'CaM_CtCt', 0.5 * 57.82e-6	* KonT_N = 7.7e8 * KonR_N = 3.2e10 * KonT_C = 8.4e7 * KonR_C = 2.5e7	* KoffT_N = 1.6e5 * KoffR_N = 2.2e4 * KoffT_C = 2.6e3 * KoffR_C = 6.5	[4]
SERCA	* 1000*1e12 m^{-2}	* kcst=17147e6 * kcst=17147e6	* cst=8426.3 * kcst=8426.3 * kcst=250	[7], [8]
P-type VDCC	* 2 – 237 in 25 approximately equal steps	* Calculated with the parameters described in reference	* Calculated with the parameters described in reference	[15]
PMCA	* 180 μm^{-2}	* k1_pmca = 1.5e8 * k3_pmca = 12	* k2_pmca = 15 * kl_pmca = 4.3	[6]