

Conductance (nS/pF)	PV	LA	RA	BB - CT	RNC
gNa	7.8	7.8	7.8	7.8	7.8
gCaL	0.255	0.34	0.34	0.58	0.24
gCaP	0.275	0.275	0.275	0.275	0.275
gK1*	0.036	0.1	0.1	0.1	0.15
gto	0.07104	0.096	0.096	0.096	0.19824
gKur	0.0115	0.0115	0.0115	0.0115	1
gbCl	0.0055	0.0008	0.0008	0.0008	0
gKr*	0.022475	0.0145	0.00899	0.00899	0.06984
gKs	0.0832	0.052	0.052	0.052	0.0561
gbNa	1.00E-05	1.00E-05	1.00E-05	1.00E-05	6.74E-04
gbCa	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.13E-03
gNaCa	1600	1600	1600	1600	1600
gNaK	0.6	0.6	0.6	0.6	0.6
gKAch	0.0065	0.0045	0.0045	0.0045	0

Table S1: Conductances of the currents used in each regional model. *The formulation of these currents is also cell-type dependent - see the last chapter of S1 Supporting Text for details.