

## Supporting Material

**Table 1**

Parameter	Value	Units
$C_m$	10	nF/mm <sup>2</sup>
$g_K$	0.2	mS/mm <sup>2</sup>
$g_{Na}$	1.2	mS/mm <sup>2</sup>
$g_L$	0.003	mS/mm <sup>2</sup>
$g_a$	0.477	mS/mm <sup>2</sup>
$V_K$	-72	mV
$V_{Na}$	55	mV
$V_L$	-17	mV
$V_a$	-75	mV

Parameters of the Connor-Stevens model.