

**SI Table 1.**Comparison of properties of T-type Ca<sup>2+</sup> currents

Reference	Tissue	[Ca <sup>2+</sup> ] <sub>ext</sub> , mM	IV <sub>peak</sub> , mV	V <sub>0.5act</sub> , mV	V <sub>0.5inact</sub> , mV	$\tau_{\text{deact } 1,2}$ , ms	$\tau_{\text{decay } 1,2}$ , ms	$\tau_{\text{recovery}}$ , ms	Nickel- sensitive
This study	Chicken hair cells	5	-15	-38	-37	0.35 24	35 330	40 1,200	Yes
1	Olfactory	3	-40	-45	-66	-	-	-	Yes
2	Cone bipolar	10	-30	-36	-59	-	30	-	Yes
3	Myocytes	2	-30	-42	-68	1.3	13		Yes
4	Skeletal muscle	10	-15	-24	-41	-	16	224 5,160	Yes
5	Cochlear nucleus	2	-40	-59	-89	-	-	-	Yes

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