

Table 1. Data summary of membrane properties of hippocampal neurons in culture

	Current amplitude	n	Resting membrane potential	n	Trough voltage	n	Steady-state voltage	n	Sag voltage (through - steady-state)	n	Sag ratio (steady-state / trough)	n	Input resistance	n
Control (pooled)	128.6 pA	(25)	-63.6 mV	(16)	-94.0 mV	(16)	-83.2 mV	(16)	8.0 mV	(16)	0.91	(16)	144.0 Mohm	(16)
shRNA	35.95 pA	(15)	-66.3 mV	(12)	-100.4 mV	(12)	-100.0 mV	(12)	0.9 mV	(11)	0.99	(12)	196.9 Mohm	(12)
Empty vector	121.2 pA	(7)	-69.2 mV	(7)	-100.8 mV	(7)	-89.8 mV	(7)	5.9 mV	(7)	0.93	(7)	177.4 Mohm	(7)
shRNA control	171.2 pA	(6)	-57.13 mV	(5)	-84.5 mV	(5)	-76.9 mV	(5)	7.6 mV	(5)	0.91	(5)	142.6 Mohm	(5)
Mann-Whitney (control vs shRNA)														
p value	0.002		0.318		0.318		0.035		<0.001		<0.001		0.035	