

	WT (n = 11 cells)	<i>Gfap Smo</i> CKO (n = 7 cells)	<i>p</i> value
Input resistance (M $\Omega$ )	130.6 $\pm$ 21.52	97.93 $\pm$ 11.49	0.15
Resting membrane potential (mV)	-59.37 $\pm$ 2.059	-63.73 $\pm$ 3.248	0.25
Tau (ms)	11.76 $\pm$ 0.71	11.75 $\pm$ 1.398	0.79

**Figure 5 – figure supplement 1.** Membrane properties of *Gfap Smo* CKO layer V pyramidal neurons. There is a significant decrease in input resistance (M $\Omega$ ) in *Gfap Smo* CKO neurons compared to WT neurons. No significant differences were observed in resting membrane potential (mV), rheobase (pA), and tau (ms) in *Gfap Smo* CKO neurons. Statistical significance was assessed by Mann-Whitney U test (input resistance and tau) and unpaired Student's t-test (resting membrane potential).