

Supplemental Figure 2

A

	Control	50mV/mm	100mV/mm	200mV/mm
n experiments	9	3	3	3
n axons	66	67	48	131
Directedness	-0.34 ( $\pm$ 0.47)	-0.16 ( $\pm$ 0.60)	0.03 ( $\pm$ 0.59)	-0.28 ( $\pm$ 0.62)

B

	Control	50mV/mm	100mV/mm	200mV/mm
Control	N/A			
50mV/mm	0.9517	N/A		
100mV/mm	0.7099	0.9687	N/A	
200mV/mm	0.9981	0.9914	0.8808	N/A

**Figure S2: Retinal neurites exhibit cathode-directed growth.** (A) Average directedness of retinal neurites was calculated from cultures described in Figure 1. Number of experiments and total axons quantified are listed per condition. Values represent mean with SD. (B) P-values from one-way analysis of variance of data of (A) with Tukey's multiple comparisons test.