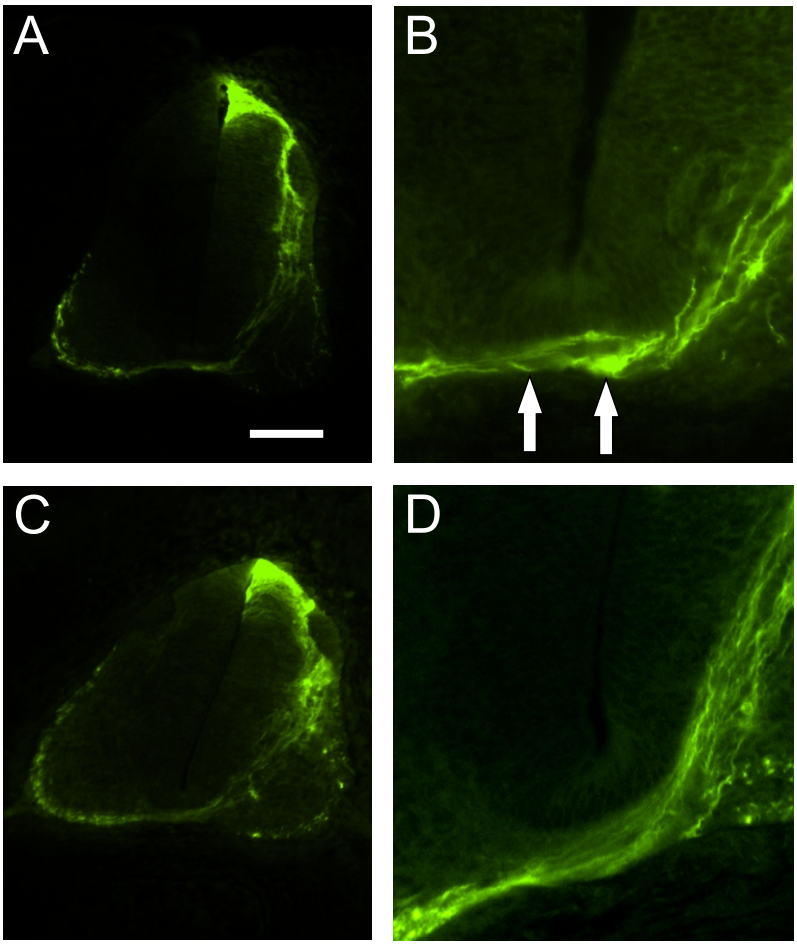
Additional Figure 1



Dorsal electroporation of dsRabGDI results in the same phenotype as one-sided electroporation.

Targeting dsRNA derived from RabGDI only into the dorsal spinal cord reproduced the phenotype seen after electroporation of one side of the spinal cord (**A).** A majority of growth cones stalled in the floor plate (arrows in **B**). Aberrant axonal pathfinding was observed at 72.3% of the injection sites after dorsal targeting, compared to 70.6 % after unilateral targeting. Dorsal targeting of an EGFP-expression plasmid did not interfere with axon guidance. All axons had crossed the floor plate by HH25 (**C** and **D**). Bar 100 µm.