



Figure 2 - figure supplement 1: Averaged F-actin relocation in the distal 60  $\mu\text{m}$  in growth cones in the first 4 minutes after WIN treatment in 5 randomly chosen neurons from Fig. 1C. Black, orange and red curves represent the mean intensity of LifeAct-mCherry labeling at baseline, at 2 minutes and 4 minutes after addition of WIN (100 nM), respectively. Scale bar: 20  $\mu\text{m}$