



Figure 5 – figure supplement 3 | Contralateral whisker pad stimulation induces stronger whisker protraction and stronger simple spike responses
A. Whisker traces of a representative mouse following air-puff stimulation of the ipsilateral (left panel) and contralateral (right panel) whisker pad (see scheme in **B**). Despite a similar strength of stimulation, the protraction of the whiskers was larger upon contralateral stimulation (cf. Figure 1 – figure supplement 2). **C.** Stacked line plots of the averaged whisker traces of 9 mice with the difference

between the contralateral and ipsilateral stimulation depicted in the third column. **D.** Complex spike responses, on the other hand, were more prominent upon ipsilateral stimulation. **E.** The observation that increased simple spike firing correlates to enhanced whisker protraction (cf. Figure 4) was confirmed under these experimental conditions. * $p < 0.05$; *** $p < 0.001$. See also Data Source File.