Supplementary Information

A new *Drosophila melanogaster* fly that expresses GFP tagged Orco

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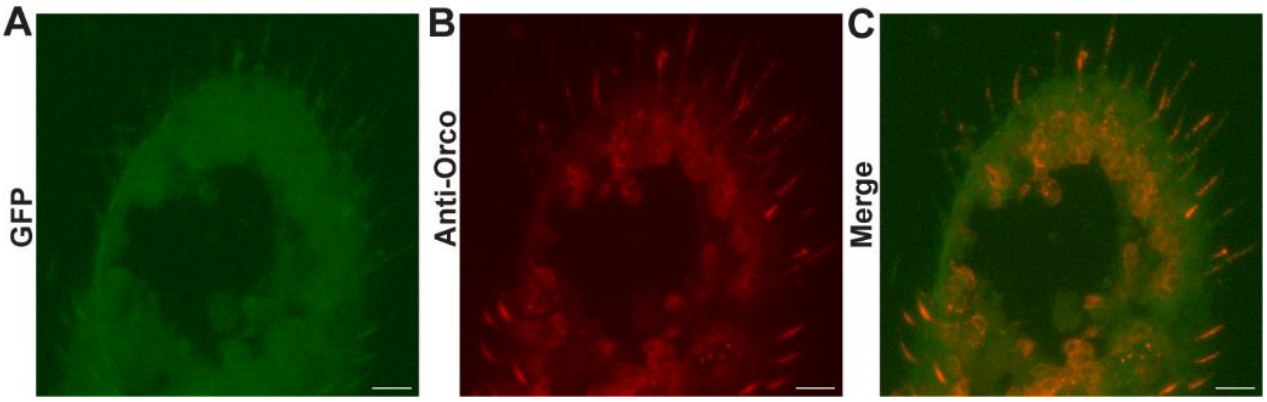
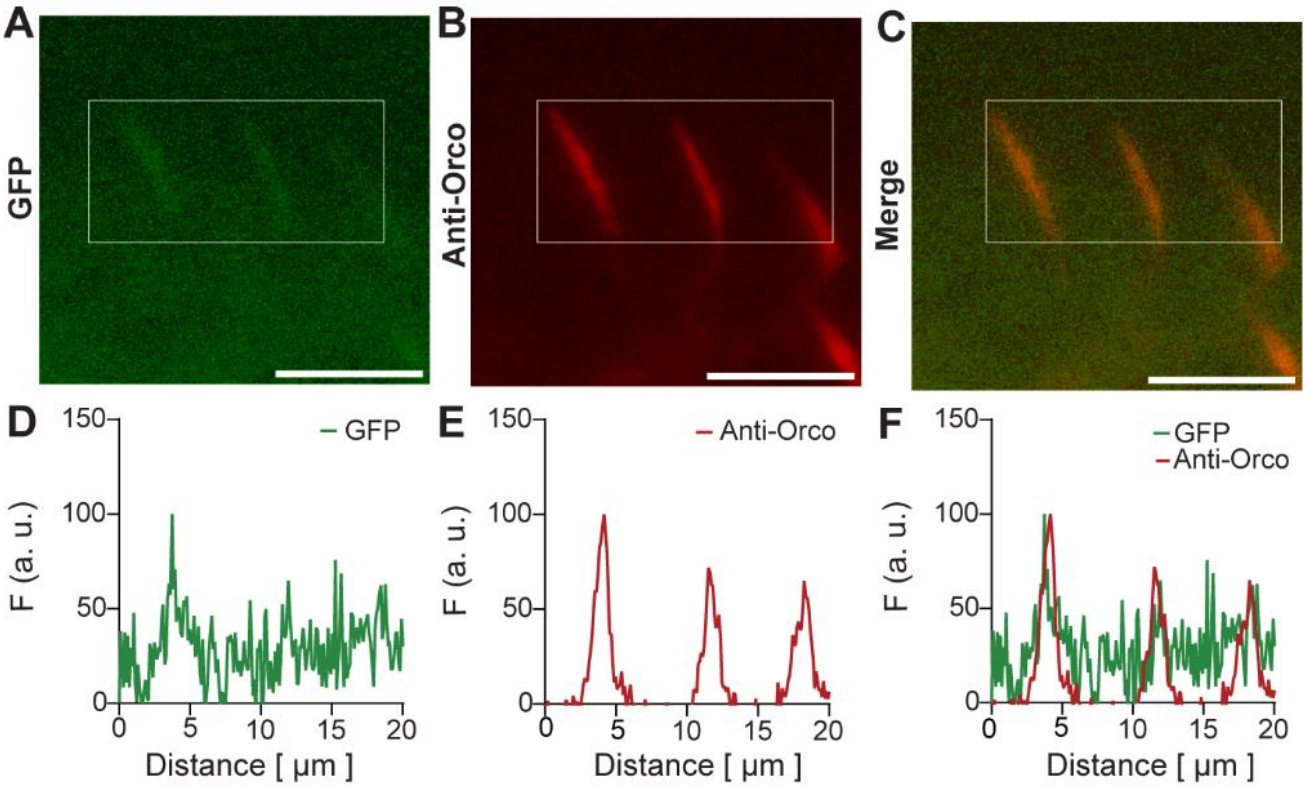


Supplementary Figure 1

Confocal images of N-GFP-Orco expression pattern in antennal sections from the parental line (+*; UAS-N-GFP-Orco/Cyo;* +). **(A)** GFP fluorescence, **(B)** Anti-Orco fluorescence, **(C)** merged GFP and anti-Orco signal. Absence of GFP signal in the parental line was observed. N = 5, Scale bar: 11 µm.



Supplementary Figure 2

N-GFP-Orco expression in OSN sensilla of parental line *(+; UAS-N-GFP-Orco/Cyo;* +). Confocal images of sensilla from the parental line. **(A)** GFP fluorescence, **(B)** Anti-Orco fluorescence, **(C)** merged GFP and anti-Orco signal. Sensilla from the white box were taken for quantitative analysis shown in **D-F**. **(D-F)** Sensilla fluorescence intensity distribution, **(D)** GFP fluorescence, **(E)** anti-Orco fluorescence, **(F)** merged GFP and anti-Orco signals. No localization of the GFP and Anti-Orco signal was observed. scale bar: 9 µm.