

Joubert syndrome *Arl13b* functions at ciliary membranes and stabilizes protein transport in *Caenorhabditis elegans*

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An incorrect version of Fig. 5 appears in this article. Corrected panels A–C appear below.

The html and pdf versions of this article have been corrected. The error remains only in the print version.

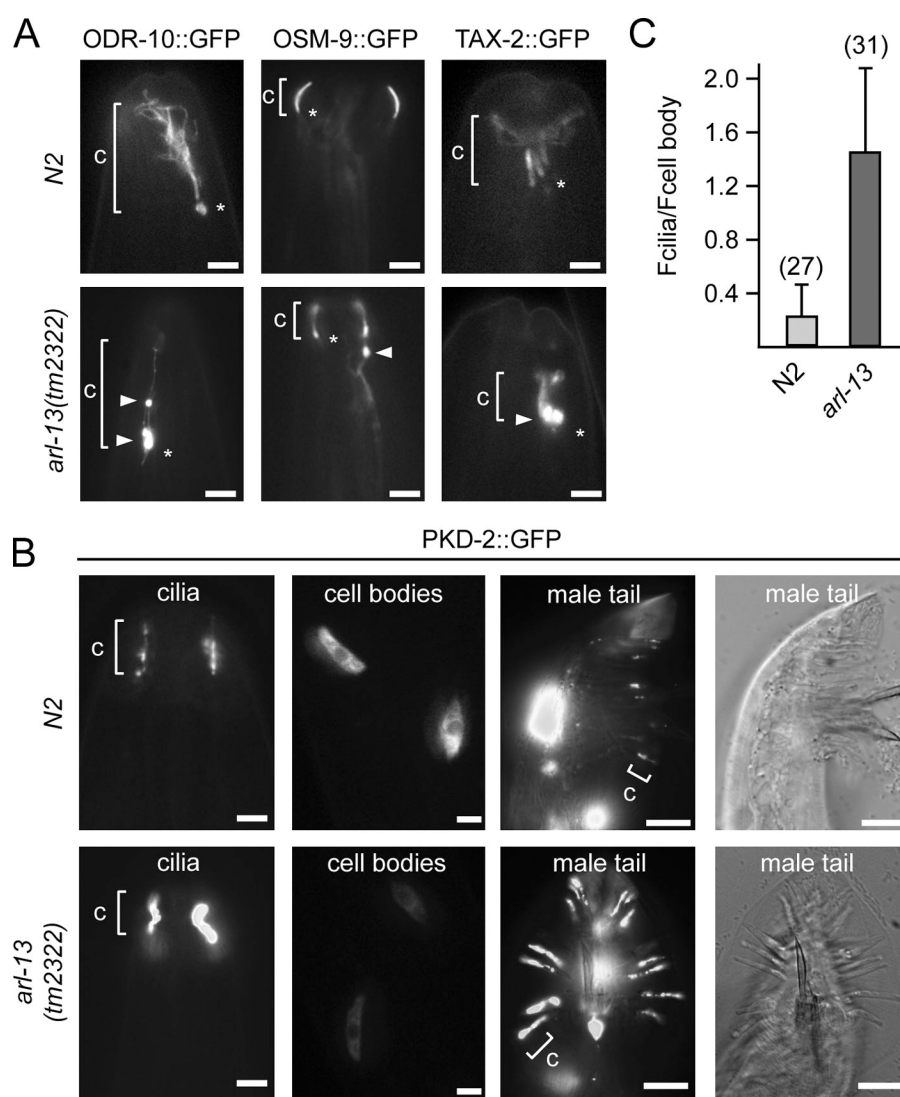


Figure 5. Ciliary transmembrane protein localization is disrupted in *arl-13(tm2322)* mutants. (A and B) Representative fluorescence images of the distal head region (nose) of worms expressing *gfp*-tagged ODR-10, OSM-9, TAX-2, and PKD-2 are shown. In *tm2322* mutants, abnormal accumulations (arrowheads) are found in ciliary axonemes (ODR-10), near the ciliary base (ODR-10 and TAX-2; asterisks), or within the distal dendrite (OSM-9; arrowhead). In *tm2322* mutants, PKD-2::GFP ciliary abundance is elevated in CEM and RnB cells, with cell body levels reduced (shown for CEMs). c, cilium. (C) Analysis of PKD-2::GFP ciliary abundance in CEM cells. The ratio of PKD-2::GFP signal intensities in individual CEM cilia (F_{cilia}) and individual CEM cell bodies ($F_{\text{cell body}}$) is shown. All images were captured and analyzed using identical settings. The number of cilia analyzed is shown in parentheses. Error bars indicate SEM. Bars: (A and B [first and second columns]) 2 μm ; (B, third and fourth columns) 10 μm .