



Supplementary Figure 7. Peroxisome and mitochondrial arrangement in spermatia. Analysis of peroxisomes (A-B) and mitochondria (C-D) in WT, $\Delta fis1$ and $\Delta dnm1$ spermatia. Epifluorescence microscopy analysis of peroxisomes (A) and mitochondria (C). Peroxisomes were visualized with FOX2-mCherry (WT and $\Delta fis1$) or with FOX2-GFP ($\Delta dnm1$) and were pseudocolored red. Mitochondria were labeled with IDH1-mCherry. Arrows show elongated organelles. Arrowheads in (A) show beads-on-a-string peroxisomal chains, and in (C) large mitochondria. BF: bright field. Scale bar, 5 μ m. Quantitation of spermatia containing peroxisomes (B) and mitochondria (D). Values are mean \pm SD of three independent experiments ($n=300$, * $P<0.05$ by unpaired Student's t test).