



S23 Fig. Measurement of the DNAI2 fluorescence intensity along the ciliary axonemes of *DNAAF6/PIH1D3*-mutant respiratory cells. Intensity profile of DNAI2 signal (red) shows absence or severe reduction of DNAI2 in ciliary axonemes of *DNAAF6/PIH1D3*-mutant cilia (OP-1899 II1 and OP-3141), when compared to control cells (S19 Fig). The red boxes indicate the path of the intensity profile. Six representative examples are shown.