



Chaya et al., Figure S7

Figure S7 Characterization of cilia in ICK-overexpressing cells. (A, B) The FLAG-tagged construct expressing ICK-WT was transfected into NIH3T3 cells. Cells were stained with anti-ICK (red), anti-acetylated α -tubulin (green), and anti-FLAG (blue) antibodies. ICK signals at ciliary tips increased in FLAG-positive cells. (C–E) Overexpression of ICK induced slight ciliary elongation. FLAG-tagged constructs expressing GFP (C) or ICK-WT (D) were transfected into NIH3T3 cells.

Cells were stained with anti-FLAG (green) and anti-acetylated α -tubulin (red) antibodies. **(E)** The length of cilia stained with anti-acetylated α -tubulin antibody was measured. Arrowheads indicate ciliary tips. Nuclei were stained with DAPI (blue). Scale bars, 5 μm **(C, D)** and 2 μm **(A, B)**