

Description of Additional Supplementary Files

File Name: Supplementary Movie 1

Description: Time-lapse microscopy of mitotic GFP- α -tubulin LLC-PK1 cells transfected with CT or IFT88 siRNA. Time (min).

File Name: Supplementary Movie 2

Description: Time-lapse microscopy of mitotic GFP-MKLP2 HeLa Kyoto cells transfected with CT or IFT88 siRNA. Time (min).

File Name: Supplementary Movie 3

Description: Time-lapse microscopy showing cytokinesis progression of GFP- α -tubulin/mCherry-H2B LLC-PK1 cells transfected with CT or IFT88 siRNA. Time (min).

File Name: Supplementary Data 1

Description: Flag-IFT27 interactors identified by a mass-spectrometry approach performed on synchronized IMCD and IMCD Flag-IFT27 cells.