



Supplementary information, Fig. S3: Features of IFT-A complex subunits.

a, Representative local densities with refined model for each IFT-A subunit, zinc and TULP3. **b**, IFT-A map contoured at a low threshold. The flexible WD40 domains of IFT144 and IFT140 are indicated by dashed lines. **c**, Different conformations of IFT-A resulted from 3D classification. The flexible WD40-A domains of IFT140 and IFT144 are indicated by dashed circles. **d**, The structure of β' -COP. **e**, Structural model of each IFT-A subunit. WD40, TPR-like and zinc-binding domains are colored in green, blue and orange, respectively. **f**, The first 4 TPR or TPR-like repeats of IFT144 and β' -COP. The insertion helix of the IFT144 TPR-like domain is indicated as "IH".