

Table S1: The IFT-A, IFT-B, and BBSome subunits detected in the control (IFT140-G/IFT20-mC) and experiment (IFT140 Δ WD-G/IFT20-mC) membrane + matrix (M+M) fractions. Fold-change value for the level of each protein in IFT140 Δ WD-G/IFT20-mC M+M relative to the level of each protein in control M+M is indicated.

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Table S2: The IFT motor subunits detected in the control (IFT140-G/IFT20-mC) and experiment (IFT140 Δ WD-G/IFT20-mC) membrane + matrix (M+M) fractions. Fold-change value for the level of each protein in IFT140 Δ WD-G/IFT20-mC M+M relative to the level of each protein in control M+M is indicated.

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Table S3. The axonemal components detected in the control (IFT140-G/IFT20-mC) and experiment (IFT140 Δ WD-G/IFT20-mC) membrane + matrix (M+M) fractions. Fold-change value for the level of each protein in IFT140 Δ WD-G/IFT20-mC M+M relative to the level of each protein in control M+M is indicated.

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Table S4: The GTPases detected in the control (IFT140-G/IFT20-mC) and experiment (IFT140 Δ WD-G/IFT20-mC) membrane + matrix (M+M) fractions. Fold-change value for the level of each protein in IFT140 Δ WD-G/IFT20-mC M+M relative to the level of each protein in control M+M is indicated.

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Table S5: The myristoylated proteins detected in the control (IFT140-G/IFT20-mC) and experiment (IFT140 Δ WD-G/IFT20-mC) membrane + matrix (M+M) fractions. Fold-change value for the level of each protein in IFT140 Δ WD-G/IFT20-mC M+M relative to the level of each protein in control 'M+M' is indicated.

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Table S6: The geranygeranylated proteins detected in the control (IFT140-G/IFT20-mC) and experiment (IFT140 Δ WD-G/IFT20-mC) membrane + matrix (M+M) fractions. Fold-change value for the level of each protein in IFT140 Δ WD-G/IFT20-mC M+M relative to the level of each protein in control M+M is indicated.

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Table S7: The ATPases detected in the control (IFT140-G/IFT20-mC) and experiment (IFT140 Δ WD-G/IFT20-mC) membrane + matrix (M+M) fractions. Fold-change value for the level of each protein in IFT140 Δ WD-G/IFT20-mC M+M relative to the level of each protein in control M+M is indicated.

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Table S8. The kinases detected in the control (IFT140-G/IFT20-mC) and experiment (IFT140 Δ WD-G/IFT20-mC) membrane + matrix (M+M) fractions. Fold-change value for the level of each protein in IFT140 Δ WD-G/IFT20-mC M+M relative to the level of each protein in control M+M is indicated.

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Table S9. The phosphatases detected in the control (IFT140-G/IFT20-mC) and experiment (IFT140 Δ WD-G/IFT20-mC) membrane + matrix (M+M) fractions. Fold-change value for the level of each protein in IFT140 Δ WD-G/IFT20-mC M+M relative to the level of each protein in control M+M is indicated.

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Table S10: The transmembrane proteins detected in the control (IFT140-G/IFT20-mC) and experiment (IFT140 Δ WD-G/IFT20-mC) membrane + matrix (M+M) fractions. Fold-change value for the level of each protein in IFT140 Δ WD-G/IFT20-mC M+M relative to the level of each protein in control M+M is indicated.

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Table S11: The channels detected in the control (IFT140-G/IFT20-mC) and experiment (IFT140 Δ WD-G/IFT20-mC) membrane + matrix (M+M) fractions. Fold-change value for the level of each protein in IFT140 Δ WD-G/IFT20-mC M+M relative to the level of each protein in control M+M is indicated.

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Table S12: All of the proteins identified in the control (IFT140-G/IFT20-mC) and experiment (IFT140 Δ WD-G/IFT20-mC) membrane + matrix (M+M) fractions. Fold-change value for the level of each protein in IFT140 Δ WD-G/IFT20-mC M+M relative to the level of each protein in control M+M is indicated.

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