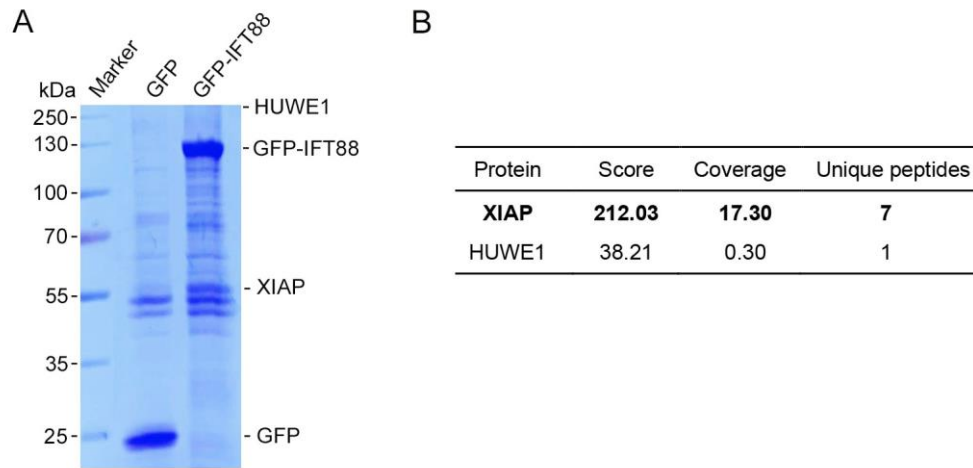


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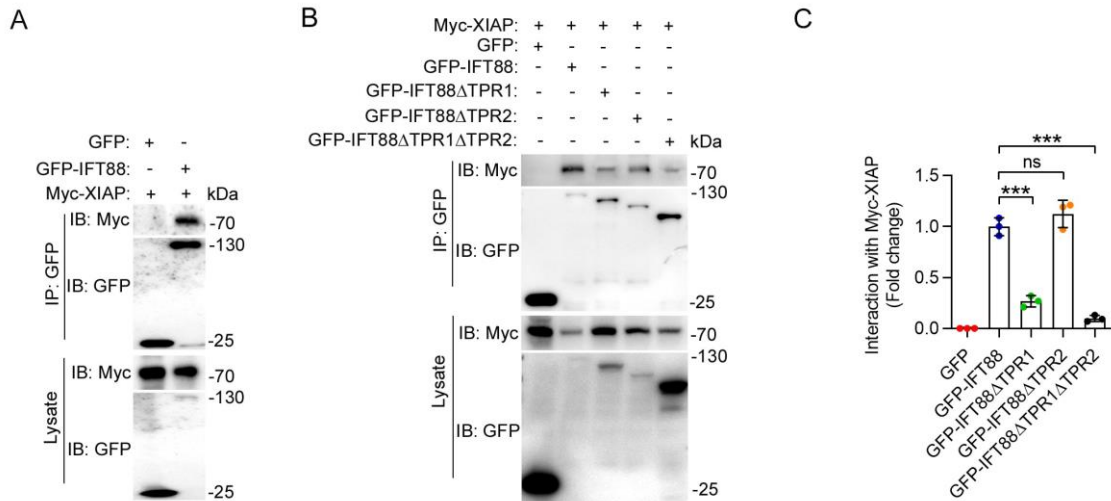
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**Appendix Figure S1. Mass spectrometric identification of IFT88-interacting proteins.**

A. Coomassie blue staining of proteins immunoprecipitated from LX-2 cells with anti-GFP antibody.

B. E3 ubiquitin ligases identified by mass spectrometry as IFT88-interacting proteins. Related to Fig 4.



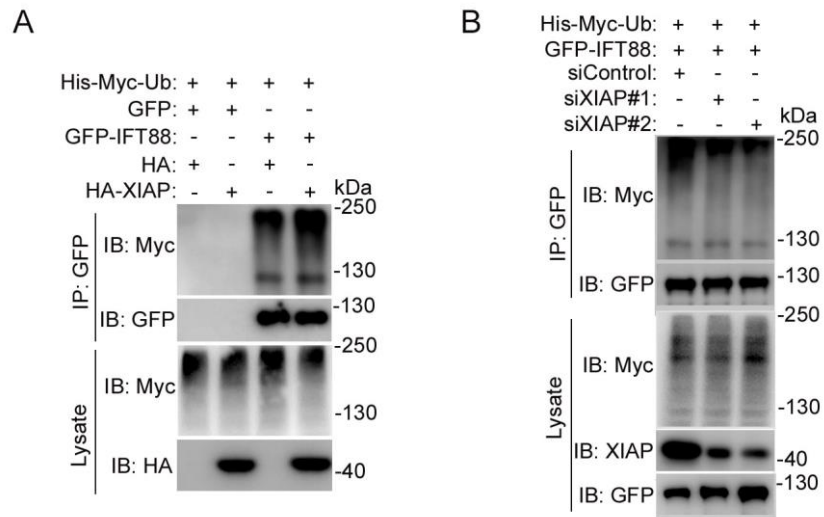
**Appendix Figure S2. IFT88 interacts with the E3 ubiquitin ligase XIAP in HEK293 cells.**

A. Analysis of IFT88 ubiquitination in HEK293 cells with or without HA-XIAP overexpression.

B, C. Examination of IFT88 ubiquitination in HEK293 cells transfected with control or XIAP siRNAs.

Data information: Data are presented as mean  $\pm$  SD. Statistical significance was determined by one-way ANOVA with post-hoc tests. ns, not significant; \*\*\* $p < 0.001$ .

Related to Fig 4.



**Appendix Figure S3. XIAP mediates IFT88 ubiquitination in HEK293 cells.**

A. Analysis of IFT88 ubiquitination in HEK293 cells with or without HA-XIAP overexpression.

B. Examination of IFT88 ubiquitination in HEK293 cells transfected with control or XIAP siRNAs.

Related to Fig 5.