

Supplemental Materials

Molecular Biology of the Cell

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Online Supplemental Materials:

Figure S1 A sequence alignment of *A. nidulans* FhipA (FhipAAn) with human FHIP (FHIPhHs). The alignment was done using CLUSTALW. Residues that are identical (*), strongly similar (:) or weakly similar (.) are shown as red, green and blue characters respectively.

Figure S2 A sequence alignment of *A. nidulans* FtsA (FtsA.An) with human FTS (FTSh.Hs). The alignment was done using CLUSTALW. Residues that are identical (*), strongly similar (:) or weakly similar (.) are shown as red, green and blue characters respectively.

Movie S1 Movements of early endosomes in a wild-type strain of *A. nidulans*. Early endosomes labeled by mCherry-RabA undergo bidirectional movements in wild-type hyphae. 30 frames were taken with a 0.1-s exposure time and a 0.3-s interval between frames. Binning: 1x1. The movie speed has been increased 5-fold.

Movie S2 Early endosomes in the $\Delta fhipA$ strain. Early endosomes labeled by mCherry-RabA are accumulated at the hyphal tip. 30 frames were taken with a 0.1-s exposure time and a 0.3-s interval between frames. Binning: 1x1. The movie speed has been increased 5-fold.

Movie S3 Early endosomes in the $\Delta ftsA$ strain. Early endosomes labeled by mCherry-RabA are accumulated at the hyphal tip. 30 frames were taken with a 0.1-s exposure time and a 0.3-s interval between frames. Binning: 1x1. The movie speed has been increased 5-fold.

Figure S1

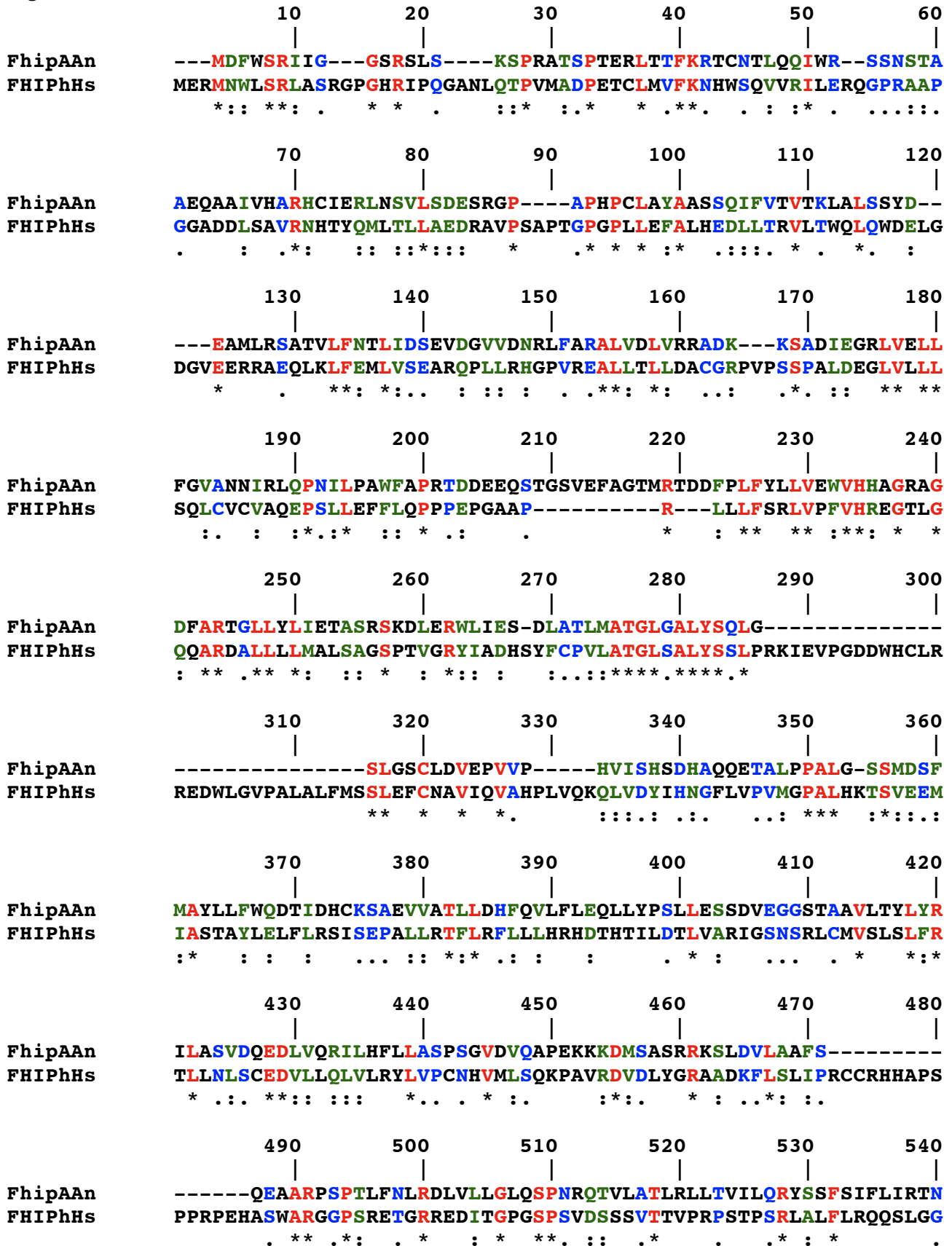


Figure S2

