

Legends for Supplementary Files

Figure S1: Individual Ypt-interactomes, where Sfig1A shows Sec4 and Ypt1; Sfig1B shows Ypt10; Sfig1C shows Ypt11; Sfig1D shows Ypt31 and Ypt32; Sfig1E shows Vps21/Ypt51; Sfig1F, shows Ypt52; Sfig1G shows Ypt53. Red represents Rab proteins and pink indicates the interacting protein.

Figure S2: Homology between Ypt10, Ypt11, PfRab11B and PfRab18. Sfig.2A shows multiple sequence alignment (Clustalw) of all 4 Rabs and the respective BLASTp scores that indicate that Ypt10 is a likely PfRab18 homologue and that Ypt11 can be taken as a likely PfRab11B homologue. Sfig2B shows the very reduced interactome predicted for PfRab11B and Fig.S2C that of PfRab18.

Figure S3: Video

Shows a dynamic 3-D volumic reconstruction of a single cell with PfRab7 red, PFKA-C-HA green and their co-localization white. Nuclei are stained blue with DAPI.

Supplementary Table legends:

TS1: Lists all physical and genetic interaction for Ypt proteins available at SGD.

TS2: Lists all predicted genetic and physical PfRab-interactants.