Extended data for:

**Evolution of late steps in exocytosis: Conservation, specialisation**

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**Supplementary figure legends**

**Supplementary Figures 1 - 6: Phylogenetic analysis of Sec3,5,6,8,10 and Exo84 across eukaryotes.** Phylogenetic reconstructions for Sec3, Sec5, Sec6, Sec8, Sec10 and Exo84 (Supplementary figures 1 to 6 respectively). Tress are the MrBayes topology. Numerical values at the nodes indicate statistical support by MrBayes and PhyML respectively. Values for highly supported nodes have been replaced by symbols as indicated.

**Supplementary table 1:** Accession numbers/hyperlinks/sequences of exocyst subunit orthologs identified and as shown in Figure 3. Sequences used as initial queries are in bold.

**TbExo99 folder:** Structure prediction for *T. brucei* Exo99 from Phyre2. Data are available as a webarchive.

**EgExo99 folder:** Structure prediction for *N. gruberi* Exo99 from Phyre2. Data are available as a zipped webarchive.