

Supplemental Materials

Molecular Biology of the Cell

Graef et al.

Figure S1: Autophagosome biogenesis occurs at ER exit sites. (A-C) Wild type cells co-expressing *Cherry-ATG8* and *SEC23-GFP* (A), *SEC24-GFP* (B), or *SEC31-GFP* (C), respectively, were grown to log-phase and treated with rapamycin (400 ng/ml) for one hour. Cells were analyzed by fluorescence microscopy. Single focal planes of representative cells are shown. Scale bars, 1 μm .

Figure S2: Atg2 quantitatively associates with ERES. Wild type cells expressing *ATG2-3xGFP* and *SEC13-Cherry* were grown to log-phase and treated with rapamycin (400 ng/ml) for one hour. Cells were analyzed by fluorescence microscopy. A single focal plane of a representative cell is shown. Bar graph depicts the number of Atg2-3-GFP-marked foci co-localizing with Sec13-Cherry (n = 143). Scale bars, 1 μm .

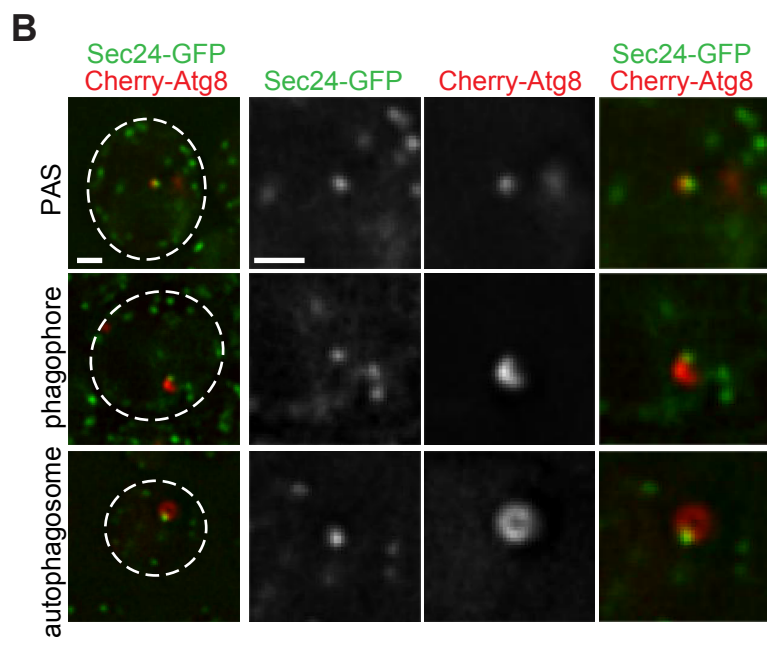
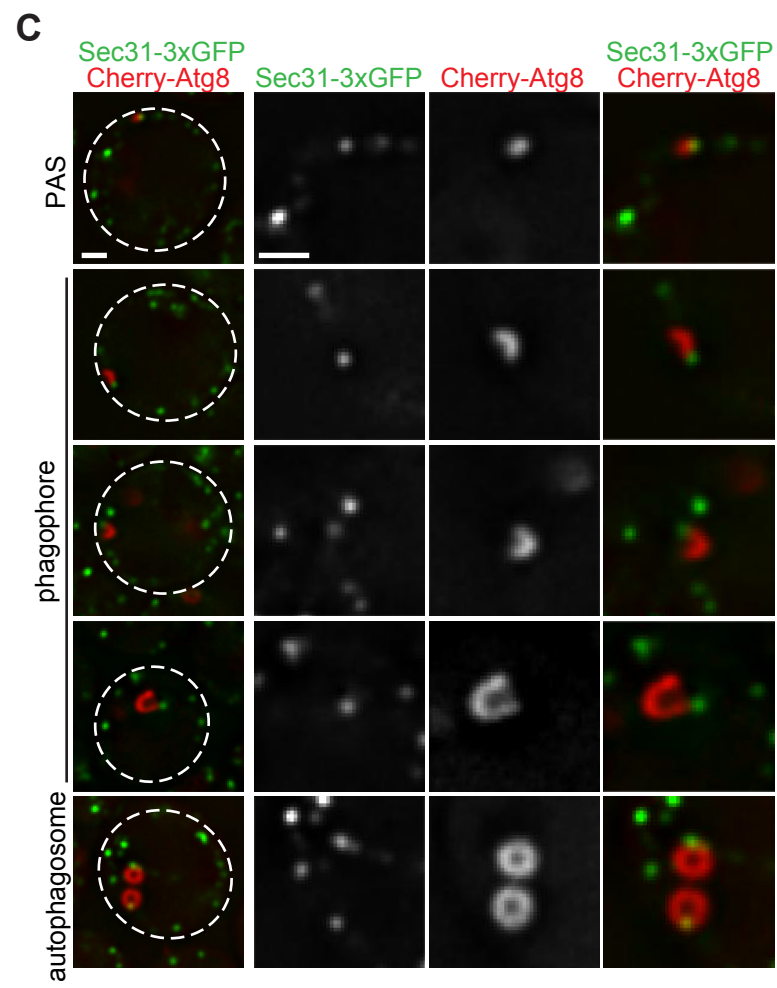
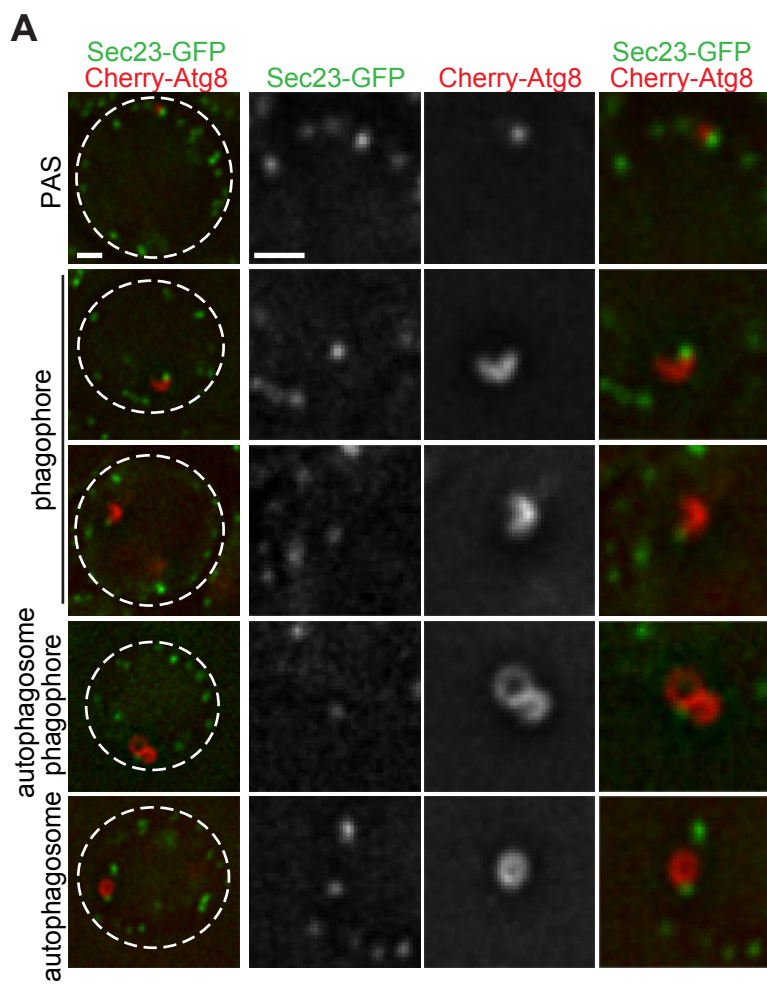


Figure S1

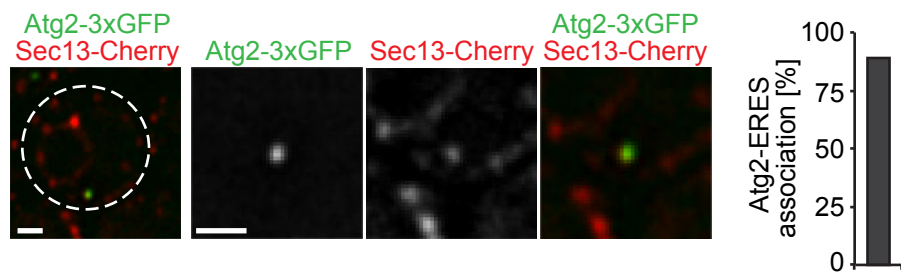


Figure S2