

## S1 Fig. Red1 is required for nuclear foci formation of exosome.

- (A) Localization of Rrp6, Red1 and Mmi1 in wild-type,  $red1\Delta$ ,  $mei4\Delta$ ,  $mmi1\Delta$   $mei4\Delta$ , and  $pab2\Delta$  cells. Cells expressing Rrp6-YFP (green), Red1-mCherry (red) or CFP-Mmi1 (blue) from the respective endogenous loci were observed during exponential growth in YE liquid medium. Dotted lines indicate the shape of cells. Boxed regions are magnified in Fig 1A.
- (B) Localization of Dis3 and Rrp4 in wild-type and  $red1\Delta$  cells.  $red1\Delta$  cells expressing Dis3-GFP or Rrp4-GFP from the respective endogenous loci were observed. Boxed regions are magnified in Fig 1B.
- (C) Localization of Pla1, Red1 and Mmi1 in wild-type and  $red1\Delta$  cells. Cells expressing Pla1-YFP (green), Red1-mCherry (red) and CFP-Mmi1 (blue) were examined. Boxed regions are magnified in Fig 1C.
- (**D**) Localization of Pab2, Red1, and Mmi1 in wild-type and  $red1\Delta$  cells. Cells expressing Pab2-YFP (green), Red1-mCherry (red) and CFP-Mmi1 (blue) were examined. Boxed regions are magnified in Fig 1D. Scale bars: 5  $\mu$ m.