



**FIGURE S6** Subcellular localization of CoHex1 in the *fam1* mutant. CoHex1-RFP was expressed in vegetative hyphae of peroxisome *fam1*. CoHex1-RFP neither localized at hyphal tips nor septa. CoHex1-RFP was distributed through the cytoplasm. Images represent overlay projections of bright-field and GFP fluorescence channels. Scale bars, 5  $\mu$ m.