



**Supplementary Figure. Pro-Pup1 maturation is reduced in *blm10*Δ cells grown at 15°C.** Crude extracts from three independent cultures each of wild-type (wt) or *blm10*Δ cells grown at 15°C were analyzed by quantitative western blotting. Both strains contained a genomically tagged *PUP1* gene expressing Pup1-HA<sub>2</sub>. Signals were detected with anti-HA antibody, anti-mouse IgG coupled to a near-infrared fluorophore and the Odyssey Infrared Imaging System. **A.** Image of the western blot. **B.** Quantification of signals shown in A. Plotted is the mean ratio of the signals of unprocessed Pro-Pup1 to those of the respective mature Pup1 in the same lanes. Error bars indicate the standard deviation from the mean.