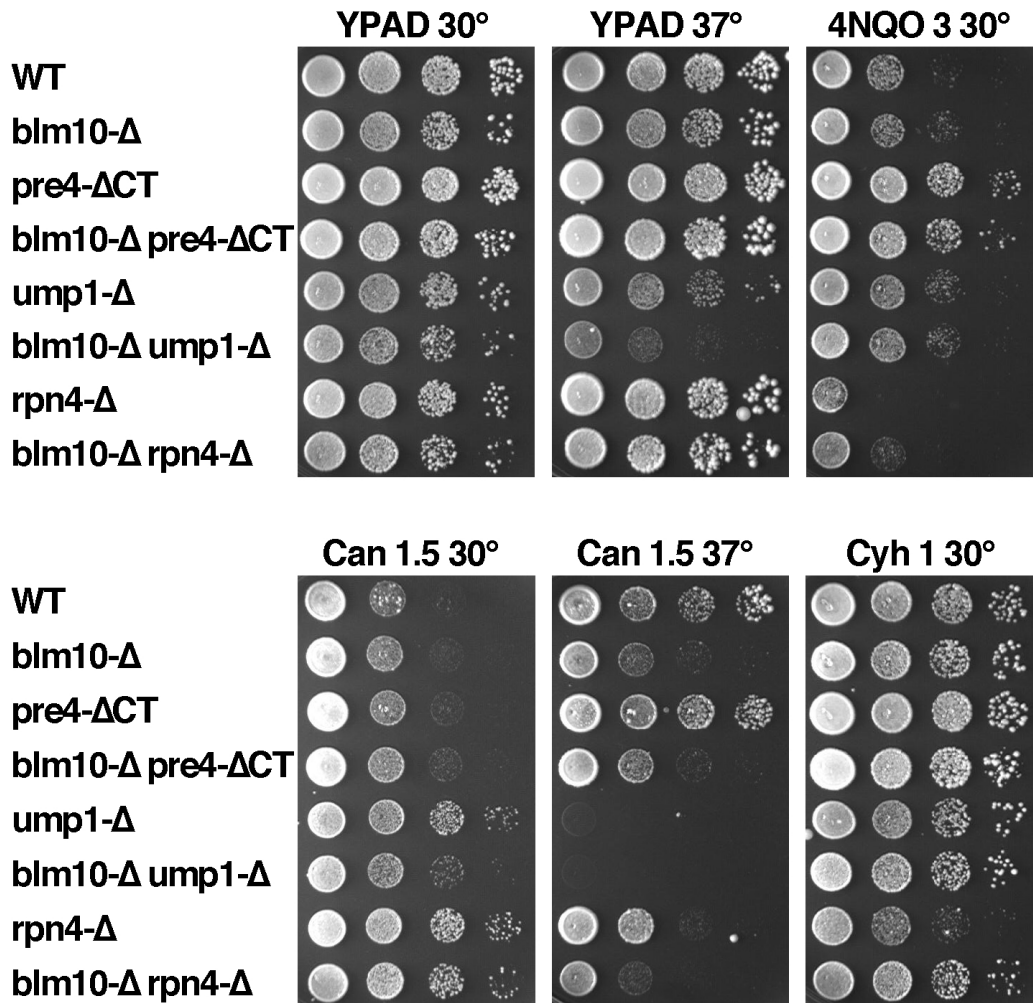


Figure S3, related to Figure 4

(A) Blm10 functions in a proteasome-dependent process



In our experiments using several strain backgrounds, loss of Blm10 did not cause significant sensitivity to any of a number of DNA damaging agents (Iwanczyk et al., 2006). Published reports indicated a role for Blm10 in the assembly or maintenance of 20S proteasomes (Fehlker et al., 2003; Marques et al., 2007), so we tested *blm10-Δ* mutants for defects associated with proteasome deficiency. Strains in the A364a background were grown to saturation in rich medium, then aliquots of 10-fold dilutions were placed on the media indicated and incubated at the temperature indicated in each panel. YPAD is rich medium, 4NQO 3 is YPAD with 3  $\mu\text{g/ml}$  4-nitroquinoline 1-oxide, Can 1.5 is synthetic medium lacking arginine and containing 1.5  $\mu\text{g/ml}$  canavanine, and Cyh 1 is YPAD with 1  $\mu\text{g/ml}$  cycloheximide.