



**Figure S4.** (A) Strain construction. For detailed explanations of the technique, please see supplementary Materials and Methods. Small arrows represent orientation and approximate position of oligonucleotides (Table S1) used for fusion PCR and confirmation of the disruption. (B) PCR confirmation of deletion of *RAD57*, or *RTT101* by genomic DNA. The mutant was analyzed by genomic DNA amplified with the oligonucleotides indicated at the bottom of the figure. (C) PCR confirmation of construction of  $P_{MET3}\text{-}MMS22/\Delta rad57$  and  $P_{MET3}\text{-}MMS22/\Delta rtt101$ . All the mutants were analyzed by genomic DNA amplified with the oligonucleotides indicated at the bottom of the figure.