



**Supplementary Figure 4. Deletions in *HR* and *SHU* genes rescue the MMS sensitivity of the *mph1Δmus81Δ* double deletion strain.** Five-fold serial dilutions of the indicated deletion strains (left) were spotted on YPD and YPD plus 0.01% MMS and grown for 2days and 3days, respectively. Deletions in *SHU1*, *SHU2*, *CSM2*, *PSY3*, *RAD51*, *RAD54*, *RAD55*, *RAD57*, and *RAD59* were each found to improve the survival of the *mph1Δmus81Δ* strain in the presence of 0.01% MMS.