

*hpr5Δ::kan; rad54Δ::hyg*

*rad57Δ::nat*

*cla4Δ::nat*

*shu2Δ::nat*

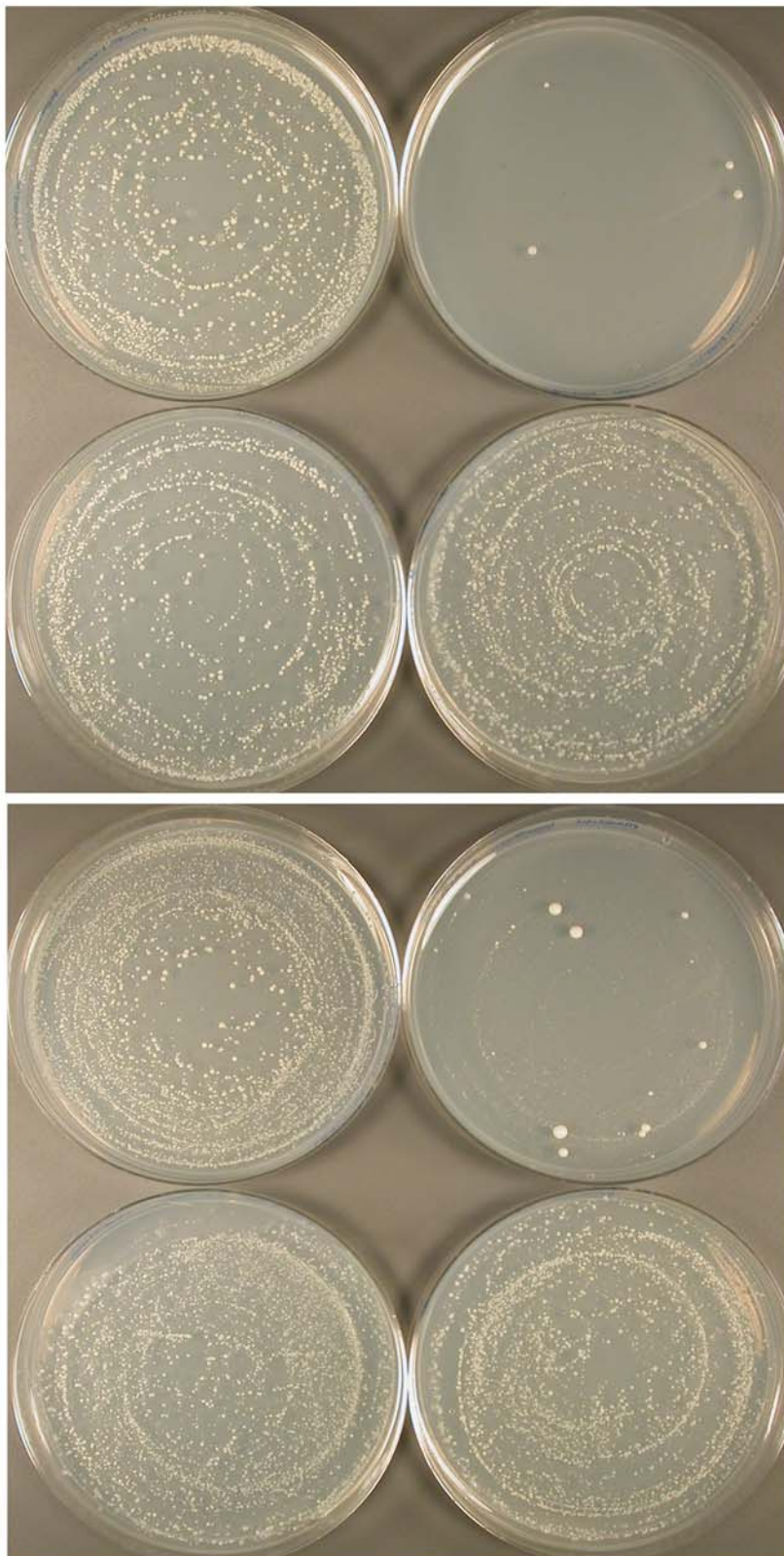
*shu1Δ::nat*

*rad55Δ::nat*

*mag1Δ::nat*

*csm2Δ::nat*

*psy3Δ::nat*



**Supplementary Figure 3. Deletions in genes encoding members of the Shu complex suppress the synthetic lethality of *rad54Δhpr5Δ*.** MAT $\alpha$  double deletion strains harboring the *hpr5Δ::kan* deletion and one of the eight indicated deletions (*rad57Δ::nat*, *rad55Δ::nat*, *csm2Δ::nat*, *psy3Δ::nat*, *shu1Δ::nat*, *shu2Δ::nat*, *mag1Δ::nat*, and *cla4Δ::nat*) were mated to a MAT $\alpha$  strain harboring the *rad54Δ::hygB* deletion. ~1OD/ml of the resulting diploids were sporulated for 7 days and plated on triple mutant selection media (see Methods). Plates were incubated at 30C for 3 days. The rescue of *rad54Δhpr5Δ* synthetic lethality (as indicated by a large number of surviving colonies) is observed when deletions in CSM2, SHU1, SHU2, PSY3, RAD55, RAD57, but not MAG1 or CLA4 are present.