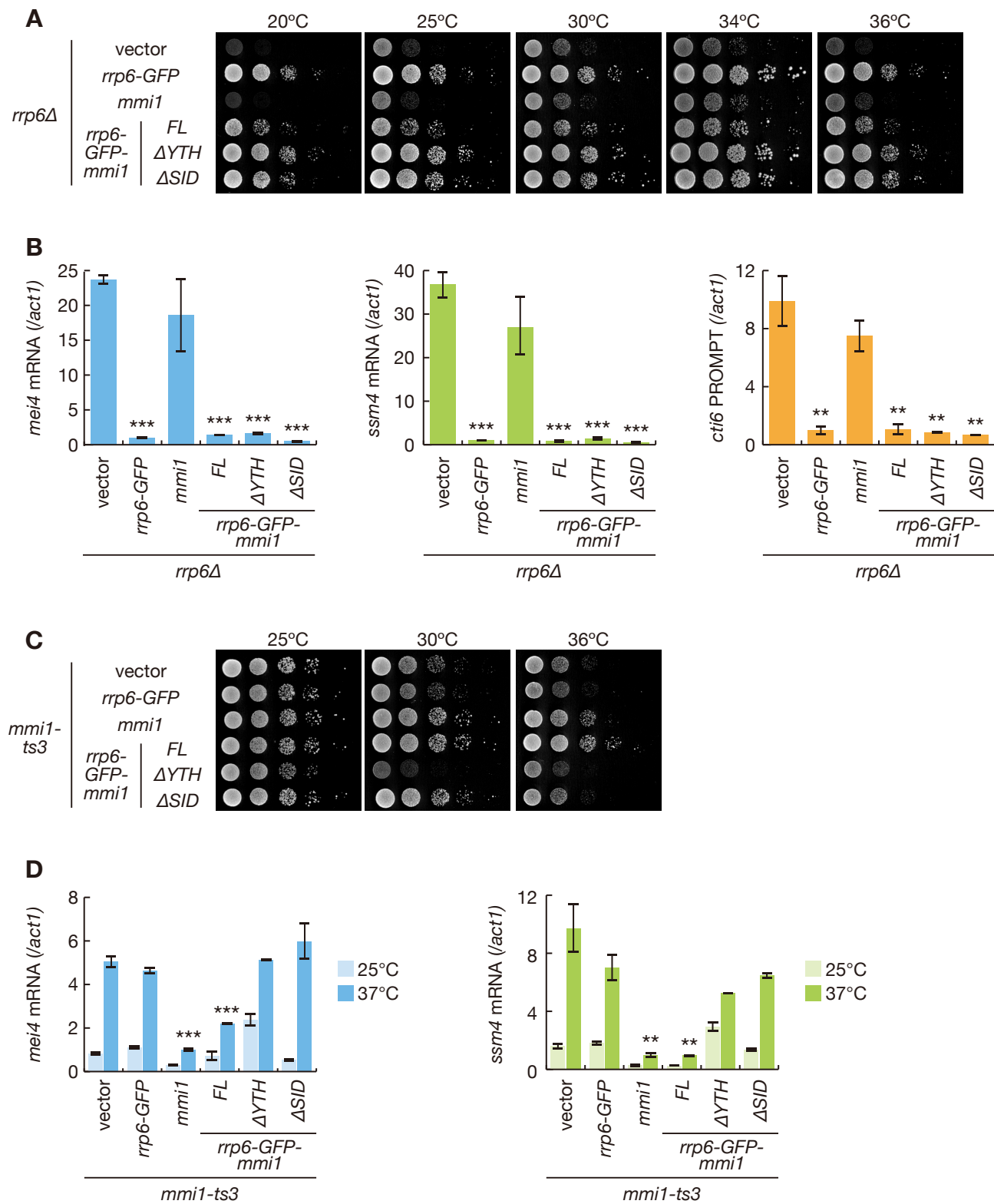


S5 Fig.



S5 Fig. Chimeric Rrp6-GFP-Mmi1 protein maintains the function of Rrp6 and Mmi1.

(A) Growth profiles of *rrp6Δ* cells expressing Red1, Rrp6-GFP, Mmi1, or chimeric proteins composed of Rrp6, GFP, and full-length or truncated Mmi1 from plasmids. Ten-fold serial dilutions of cells were spotted on MM medium and incubated at the indicated temperatures.

(B) Expression of *mei4* mRNA, *ssm4* mRNA, and *cti6* PROMPT in *rrp6Δ* cells expressing Red1, Rrp6-GFP, Mmi1, or chimeric proteins composed of Rrp6, GFP, and full-length or truncated Mmi1 from plasmids. Transcripts were quantified by RT-qPCR and normalized to *act1*. Error bars represent standard error of three independent samples. ** $P < 0.01$; *** $P < 0.001$ compared with cells carrying empty vector (Student's *t*-test).

(C) Growth profiles of *mmi1-ts3* cells expressing Red1, Rrp6-GFP, Mmi1, or chimeric proteins composed of Rrp6, GFP, and full-length or truncated Mmi1 from plasmids. Ten-fold serial dilutions of cells were spotted on MM medium and incubated at the indicated temperatures.

(D) Expression of *mei4* mRNA and *ssm4* mRNA in *mmi1-ts3* cells expressing Red1, Rrp6-GFP, Mmi1, or chimeric proteins composed of Rrp6, GFP, and full-length or truncated Mmi1 from plasmids. Cells were grown in liquid MM medium at 25°C and shifted to 37°C for 4 hours. Transcripts were quantified by RT-qPCR and normalized to *act1*. Error bars represent standard error of three independent samples. ** $P < 0.01$; *** $P < 0.001$ compared with cells carrying empty vector at 37°C (Student's *t*-test).