

**Table S1: Strains used in this study**

Strain	Background #	Genotype	Source
DLY7388	BY4741	MAT $\alpha$ <i>lyp1::HphMX::LEU2::NatMX can1<math>\Delta</math>::STE2pr-Sp_his5</i>	This work
DLY8094	BY4741	MAT $\alpha$ <i>LEU2::pol1-4::HphMX lyp1::NatMX can1<math>\Delta</math>::STE2pr-Sp_his5</i>	This work
DLY8095	BY4741	MAT $\alpha$ <i>lyp1::LEU2-NatMX::pol2-12::HphMX can1<math>\Delta</math>::STE2pr-Sp_his5</i>	This work
DLY8096	BY4741	MAT $\alpha$ <i>LEU2::cdc2-2::HphMX lyp1::NatMX can1<math>\Delta</math>::STE2pr-Sp_his5</i>	This work
DLY8205	BY4741	MAT $\alpha$ <i>LEU2::cdc13-1::HphMX lyp1::NatMX can1<math>\Delta</math>::STE2pr-Sp_his5</i>	This work

#BY4741 MAT $\alpha$  or MAT $\alpha$  *his3 $\Delta$ 1 leu2 $\Delta$ 0 LYS2 met15 $\Delta$ 0 ura3 $\Delta$ 0*