

**Table S1. Yeast strains used in this work**

Strain	Genotype	Origin
L2056	Winestrain	Lallemand
L2056 P <sub>SPI1</sub> -SIR2	L2056 P <sub>SPI1</sub> -SIR2-kanMX	This work
L2056 P <sub>MET17</sub> -SIR2	L2056 P <sub>MET17</sub> -SIR2-kanMX	“ “
L2056 P <sub>SPI1</sub> -HST3	L2056 P <sub>SPI1</sub> -HST3-kanMX	“ “
L2056 P <sub>MET17</sub> -HST3	L2056 P <sub>MET17</sub> -HST3-kanMX	“ “
L2056 P <sub>MET17</sub> -GCN5	L2056 P <sub>MET17</sub> -GCN5-kanMX	“ “
C9	Mat a <i>ho::loxP</i>	JM Walker
C9 <i>puf3</i>	C9 <i>puf3::kanMX</i>	This work
C9 <i>pub1</i>	C9 <i>pub1::kanMX</i>	“
C9 <i>uth4</i>	C9 <i>uth4::kanMX</i>	“
C9 <i>aif1</i>	C9 <i>aif1::kanMX</i>	“
C9 <i>yca1</i>	C9 <i>yca1::kanMX</i>	“
C9 <i>aif1 yca1</i>	C9 <i>yca1::kanMX aif1::loxP</i>	“
EC1118	Wine strain	Lallemand
EC1118 <i>pub1</i>	EC1118 <i>pub1::loxP pub1::kanMX</i>	This work
EC1118 PAB1-GFP	EC1118 PAB1-GFP::kanMX	This work
EC1118 <i>pub1</i> PAB1-GFP	EC1118 <i>pub1::loxP pub1::kanMX</i> PAB1-GFP::kanMX	This work

