

Table S1. Yeast strains used in this study

Strain	Relevant genotypes	References
GA-1461	<i>lac^{OP}</i> and <i>lexA^{OP}</i> at <i>ARS607</i> , <i>lacI-GFP</i> , <i>NUP49-GFP</i>	Taddei et al., 2004
GA-1461/pAT4	GA-1461 with plasmid pAT4	Taddei et al., 2004
GA-1461/pAT4-Sir4 ^{PAD}	GA-1461 with plasmid pAT4-Sir4 ^{PAD}	Taddei et al., 2004
GA-1461/pAT4-Yku80-9	GA-1461 with plasmid pAT4-Yku80-9	Taddei et al., 2004
GA-1461/pAT4-Yif1 (=HE87)	GA-1461 with plasmid pAT4-Yif1	Taddei et al., 2004
SHY256*	BY4741 <i>NUP49-mCherry::Sp his5⁺</i>	This study
HE112 [†]	GA-1461 <i>NUP49-mCherry::nat1⁺</i>	This study
HE114	HE112 with plasmid pAT4	This study
HE115	HE112 with plasmid pAT4-Sir4 ^{PAD}	This study
HE116	HE112 with plasmid pAT4-Yku80-9	This study
SHY364	HE112 <i>ppr1Δ</i> with <i>URA3</i> inserted between LexA binding sequences and <i>ARS607</i> [‡]	This study
SHY366	HE112 <i>ppr1Δ</i> with <i>URA3</i> inserted between LexA binding sequences and <i>ARS607</i> [‡]	This study
SHY376	SHY364 with plasmid pAT4	This study
SHY377	SHY364 with plasmid pAT4-Sir2	This study
SHY378	SHY364 with plasmid pAT4-Sir4 ^{PAD}	This study
SHY379	SHY364 with plasmid pAT4-Yku80-9	This study
SHY380	SHY364 with plasmid pAT4-Yif1	This study
SHY381	SHY366 with plasmid pAT4	This study
SHY382	SHY366 with plasmid pAT4-Sir2	This study
SHY383	SHY366 with plasmid pAT4-Sir4 ^{PAD}	This study
SHY384	SHY366 with plasmid pAT4-Yku80-9	This study
SHY385	SHY366 with plasmid pAT4-Yif1	This study

*To construct SHY256, *NUP49* of the strain BY4741 was C-terminally tagged with *mCherry* by means of one-step gene replacement with a PCR fragment amplified from plasmid pKT355 (Iwase et al, 2006).

†The *Sp his5⁺* marker in SHY256 was first replaced with *nat1* by targeted replacement. Strain HE112 was then derived from GA-1461 (Taddei et al, 2004) by replacing *NUP49-GFP* with a *NUP49-mCherry-nat1* PCR fragment amplified from this strain.

‡SHY364 and SHY366 have *URA3* inserted between LexA binding sites and *ARS607*.

SHY364 has the *URA3* promoter oriented proximal to the LexA binding sequences, whereas SHY366 has the *URA3* promoter oriented distal to the LexA binding sequences.