

Table S1. Strains used in this study

Strain	Genotype	Origin
972	h-	[1]
SG5	h ⁺ tpx1::natMX6	[2]
SG4	h ⁺ tpx1::natMX6	[3]
EP198	h ⁺ ctt1::natMX6	[4]
SG267	h ⁺ ctt1::ura4 tpx1::kanMX6 ura4-D18	[4]
AD7	h ⁺ tpx1::natMX6 sty1'::ctt1::leu1	[4]
AD29	h ⁻ sty1'::HA-oxyR::leu1	This work
AD36	h ⁻ tpx1::natMX6 sty1'::HA-oxyR::leu1	This work
AD47	h ⁻ trx3::hphMX6 sty1'::HA-oxyR::leu1 ura4-D18	This work
AD58	h ⁻ tpx1::natMX6 gpx1::kanMX6 pmp20::bleMX6 BCP::hphMX6 sty1'::HA-oxyR::leu1	This work
AD59	h ⁻ grx1::kanMX6 sty1'::HA-oxyR::leu1	This work
AD61	h ⁺ trx1::kanMX6 sty1'::HA-oxyR::leu1 ura4-D18	This work
AD62	h ⁻ trx1::kanMX6 trx3::natMX6 sty1'::HA-oxyR::leu1	This work
AD65	h ⁺ trr1::natMX6 sty1'::HA-oxyR::leu1	This work
AD66	h ⁺ tpx1::natMX6 trr1::ura4 sty1'::HA-oxyR::leu1	This work
AD94	h ⁺ tpx1::kanMX6 sty1'::HA-oxyR::leu1 ura4-D18 ade6-M210	This work
AD98	h ⁺ trx1::natMX6 trx3::kanMX6 sty1'::HA-oxyR::leu1 ura4-D18	This work
AD106	h ⁻ pgr1::natMX6 sty1'::HA-oxyR::leu1	This work
AD133	h ⁺ pap1::ura4 tpx1::natMX6 trr1::kanMX6 sty1'::HA-oxyR::leu1 ade6	This work
AD163	h ⁻ ctt1::ura4 sty1'::HA-oxyR::leu1	This work

SUPPLEMENTARY REFERENCES

1. Leupold U: Genetical methods for *Schizosaccharomyces pombe*. Methods Cell Physiol 1970;4:169-177.
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3. Boronat S, Domenech A, Carmona M, Garcia-Santamarina S, Bano MC, Ayte J, Hidalgo E: Lack of a peroxiredoxin suppresses the lethality of cells devoid of electron donors by channelling electrons to oxidized ribonucleotide reductase. PLoS Genet 2017;13(6):e1006858.
4. Paulo E, Garcia-Santamarina S, Calvo IA, Carmona M, Boronat S, Domenech A, Ayte J, Hidalgo E: A genetic approach to study H₂O₂ scavenging in fission yeast--distinct roles of peroxiredoxin and catalase. Mol Microbiol 2014;92(2):246-257.