

## Supplementary material Kühl et al. Ms # NAR-00951-V-2011

Table S1: *S. pombe* strains used and constructed in this study

Name	Nuclear genotype	Reference
NB205-1A	<i>h+ ade6-M216 ura4-D1.8 his3Δ leu1-32 rho+</i>	(34)
NB205-6A	<i>h- ade6-M216 ura4-D1.8 his3Δ leu1-32 rho+</i>	(34)
FY14145	<i>h+ ade6 leu1-32 ura4-D18 tel1::ura4 pku70::ade6 rho+</i>	F. Ishikawa (NBRP)
FY14191	<i>h- leu1-32 ura4-D18 pKu80::ura4 rho+</i>	F. Ishikawa (NBRP)
P3	<i>h+ ade7-50 rho+ Δi</i>	(30)
LD11	<i>h- leu1-32 ura4-D1.8 pKu80::ura4 Δppr1::kan<sup>R</sup> rho+</i>	This work
LD13-1	<i>h+ ade6-M216 ura4-D1.8 leu1-32 Δppr1::kan<sup>R</sup> rho+</i>	This work
LD3-2	<i>h+ ade6 leu1-32 ura4-D1.8 tel1::ura4 pku70::ade6 Δppr2::kan<sup>R</sup> rho+</i>	This work
LD10-20A	<i>h+ ade6-M216 leu1-32 ura4-D1.8 Δppr2::kan<sup>R</sup> rho+</i>	This work
LD14-2	<i>h- ade6-M216 ura4-D1.8 his3Δ leu1-32 Δppr3::kan<sup>R</sup> rho+</i>	This work
IK39-3	<i>h- ade6-M216 ura4-D1.8 his3Δ leu1-32 Δppr4::kan<sup>R</sup> rho+</i>	This work
IK5-1	<i>h- ade6-M216 ura4-D1.8 his3Δ leu1-32 Δppr5::kan<sup>R</sup> rho+</i>	This work
IK91-4	<i>h- ade6-M216 ura4-D1.8 his3Δ leu1-32 Δppr6::kan<sup>R</sup> rho+</i>	This work
IK93-1	<i>h- ade6-M216 ura4-D1.8 his3Δ leu1-32 Δppr7::kan<sup>R</sup> rho+</i>	This work
IK95-6	<i>h- ade6-M216 ura4-D1.8 his3Δ leu1-32 Δppr8::kan<sup>R</sup> rho+</i>	This work
IK81-17	<i>h- ade6-M216 ura4-D1.8 his3Δ leu1-32 Δppr4::nat<sup>R</sup> Δppr5::kan<sup>R</sup> rho+</i>	This work
IK77-22	<i>h+ ade7-50 Δppr1::kan<sup>R</sup> rho+ Δi</i>	This work
IK78-1	<i>h+ ade7-50 Δppr2::kan<sup>R</sup> rho+ Δi</i>	This work
IK79-10	<i>h+ ade7-50 Δppr3::kan<sup>R</sup> rho+ Δi</i>	This work
IK69-2	<i>h+ ade7-50 Δppr4::kan<sup>R</sup> rho+ Δi</i>	This work
IK75-16	<i>h+ ade7-50 Δppr5::kan<sup>R</sup> rho+ Δi</i>	This work
IK90-1	<i>h+ ade7-50 Δppr6::kan<sup>R</sup> rho+ Δi</i>	This work
IK92-3	<i>h+ ade7-50 Δppr7::kan<sup>R</sup> rho+ Δi</i>	This work
IK94-1	<i>h+ ade7-50 Δppr8::kan<sup>R</sup> rho+ Δi</i>	This work
IK96-1	<i>h+ ade7-50 Δppr4::nat<sup>R</sup> Δppr5::kan<sup>R</sup> rho+ Δi</i>	This work
CHP004	<i>h- ade6-M216 ura4-D1.8 his3Δ leu1-32 ppr1-cMyc rho+</i>	This work
LD16	<i>h+ ade6-M216 leu1-32 ura4-D1.8 Δppr2::kan<sup>R</sup> leu1+::ppr2-FLAG<sub>2</sub>His<sub>6</sub> rho+</i>	This work
LD17	<i>h+ ade6-M216 leu1-32 ura4-D1.8 Δppr2::kan<sup>R</sup> leu1+::ppr2-YFP-FLAG-His<sub>6</sub> rho+</i>	This work
CHP020	<i>h- ade6-M216 ura4-D1.8 his3Δ leu1-32 ppr2-cMyc rho+</i>	This work

LD20	<i>h- ade6-M216 ura4-D1.8 his3Δ Δppr3::kan<sup>R</sup> leu1+::ppr3-FLAG<sub>2</sub>His<sub>6</sub> rho+</i>	This work
IK73	<i>h- ade6-M216 ura4-D1.8 his3Δ leu1+::ppr4-FLAG<sub>2</sub>His<sub>6</sub> rho+</i>	This work
IK66-1	<i>h- ade6-M216 ura4-D1.8 his3Δ Δppr4::kan<sup>R</sup> leu1+::ppr4-FLAG<sub>2</sub>His<sub>6</sub> rho+</i>	This work
CHP002	<i>h- ade6-M216 ura4-D1.8 his3Δ leu1-32 ppr4-YFP rho+</i>	This work
IK72	<i>h- ade6-M216 ura4-D1.8 his3Δ leu1+::ppr5-FLAG<sub>2</sub>His<sub>6</sub> rho+</i>	This work
IK80-N	<i>h- ade6-M216 ura4-D1.8 his3Δ leu1-32 Δppr5::kan<sup>R</sup> leu1+::ppr5-FLAG<sub>2</sub>His<sub>6</sub> rho+</i>	This work
CHP001	<i>h- ade6-M216 ura4-D1.8 his3Δ leu1-32 ppr5-YFP rho+</i>	This work
CHP012	<i>h- ade6-M216 ura4-D1.8 his3Δ leu1-32 ppr5-HA<sub>3</sub> rho+</i>	This work
CHP015	<i>h- ade6-M216 ura4-D1.8 his3Δ leu1-32 ppr6-HA<sub>3</sub> rho+</i>	This work
CHP016	<i>h- ade6-M216 ura4-D1.8 his3Δ leu1-32 ppr7-HA<sub>3</sub> rho+</i>	This work
CHP017	<i>h- ade6-M216 ura4-D1.8 his3Δ leu1-32 ppr8-HA<sub>3</sub> rho+</i>	This work

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34. Chiron, S., Suleau, A. and Bonnefoy, N. (2005) Mitochondrial translation: elongation factor tu is essential in fission yeast and depends on an exchange factor conserved in humans but not in budding yeast. *Genetics*, **169**, 1891-1901.