

Supplemental Table 1. Yeast strains used in this study.

Name	Genotype	Description	Source or reference
yAAH0434	MAT α cup1 Δ ura3 his3 trp1 lys2 ade2 leu2	Cu ²⁺ sensitive strain	David Brow
yAAH0520	yAAH0434+pAAH0470	Cu ²⁺ sensitive strain with WT ACT1-CUP1	(1)
yAAH3343	yAAH0434+pAAH0513	Cu ²⁺ sensitive strain with U2A ACT1-CUP1	This study
yAAH3344	yAAH0434+pAAH1032	Cu ²⁺ sensitive strain with A3C ACT1-CUP1	This study
yAAH3345	yAAH0434+pAAH0514	Cu ²⁺ sensitive strain with A3U ACT1-CUP1	This study
yAAH3346	yAAH0434+pAAH0524	Cu ²⁺ sensitive strain with A258U ACT1-CUP1	This study
yAAH0519	yAAH0434+pAAH0441	Cu ²⁺ sensitive strain with BSC (A259C) ACT1-CUP1	(1)
yAAH3347	yAAH0434+pAAH0880	Cu ²⁺ sensitive strain with BSG (A259G) ACT1-CUP1	This study
yAAH3348	yAAH0434+pAAH0526	Cu ²⁺ sensitive strain with gAG (U301G) ACT1-CUP1	This study
yAAH3349	yAAH0434+pAAH0527	Cu ²⁺ sensitive strain with UuG (A302U) ACT1-CUP1	This study
yAAH3350	yAAH0434+pAAH0734	Cu ²⁺ sensitive strain with 3'ss competition ACT1-CUP1	This study
yAAH3353	yAAH0434+fyv6 Δ ::hphMX	Cu ²⁺ sensitive fyv6 Δ strain	This study

yAAH3356	yAAH3353+pAAH0470	Cu ²⁺ sensitive fyv6Δ strain with WT ACT1-CUP1	This study
yAAH3357	yAAH3353+pAAH0513	Cu ²⁺ sensitive fyv6Δ strain with U2A ACT1-CUP1	This study
yAAH3358	yAAH3353+pAAH1032	Cu ²⁺ sensitive fyv6Δ strain with A3C ACT1-CUP1	This study
yAAH3359	yAAH3353+pAAH0514	Cu ²⁺ sensitive fyv6Δ strain with A3U ACT1-CUP1	This study
yAAH3360	yAAH3353+pAAH0524	Cu ²⁺ sensitive fyv6Δ strain with A258U ACT1-CUP1	This study
yAAH3361	yAAH3353+pAAH0441	Cu ²⁺ sensitive fyv6Δ strain with BSC ACT1-CUP1	This study
yAAH3362	yAAH3353+pAAH0880	Cu ²⁺ sensitive fyv6Δ strain with BSG ACT1-CUP1	This study
yAAH3363	yAAH3353+pAAH0526	Cu ²⁺ sensitive fyv6Δ strain with gAG ACT1-CUP1	This study
yAAH3364	yAAH3353+pAAH0527	Cu ²⁺ sensitive fyv6Δ strain with UuG ACT1-CUP1	This study
yAAH3365	yAAH3353+pAAH0734	Cu ²⁺ sensitive fyv6Δ strain with 3'ss competition ACT1-CUP1	This study
yAAH0130	MATa ltrp1 ura3 his lys2 leu2 ade2 prp16Δ::lys2, pSB2-Prp16 (Prp16 URA)	shuffle strain for Prp16, yS78	(2)
yAAH1946	yAAH0130 + pAAH1040	Prp16 ^{WT}	(3)
yAAH1947	yAAH0130 + pAAH1039	Prp16 ^{R686I}	(3)

yAAH3351	yAAH0130 + fyv6Δ::hphMX	fyv6Δ shuffle strain for Prp16	This study
yAAH3371	yAAH3351+pAAH1040	fyv6Δ, Prp16 ^{WT}	This study
yAAH3372	yAAH3351+pAAH1039	fyv6Δ, Prp16 ^{R686I}	This study
yAAH1930	MATa ade2 cup1Δ::ura3 his3 leu2 lys2 trp1 ura3 GAL+ prp22Δ::loxP p360-22 (Prp22 URA CEN ARS)	Cu ²⁺ sensitive Prp22 shuffle strain	Charles Query/Magda Konarska
yAAH1931	yAAH1930+pAAH1042	Prp22 ^{WT}	Charles Query/Magda Konarska
yAAH1932	yAAH1930+pAAH1043	Prp22 ^{T637A}	Charles Query/Magda Konarska
yAAH3355	yAAH1930 + fyv6Δ::hphMX	Cu ²⁺ sensitive fyv6Δ shuffle strain for Prp22	This study
yAAH3379	yAAH3355+pAAH1042	fyv6Δ, Prp22 ^{WT}	This study
yAAH3380	yAAH1043	fyv6Δ, Prp22 ^{T637A}	This study
yAAH0117	ade2 cup1Δ ura3 his3 leu2 lys2 prp8Δ::lys2 trp1 pJU169 (PRP8 URA3)	Cu ²⁺ sensitive Prp8 shuffle strain	Christine Guthrie (4)
yAAH2435	yAAH0117+pAAH0997	Prp8 ^{WT}	(3)
yAAH2437	yAAH0117+pAAH1001	Prp8 ^{P986T} (Prp8-161)	(3)
yAAH3352	yAAH0117 + fyv6Δ::hphMX	Cu ²⁺ sensitive fyv6Δ shuffle strain for Prp8	This study
yAAH3368	yAAH3352+pAAH0997	Prp8 ^{WT} /URA plus Prp8 ^{WT} merodiploid	This study
yAAH3369	yAAH3352+pAAH1001	Prp8 ^{WT} /URA plus Prp8 ^{P986T} merodiploid	This study
yAAH3370	yAAH3352+pAAH1006	Prp8 ^{WT} /URA plus Prp8 ^{R1753K+P986T} merodiploid	This study
yAAH3375	yAAH3352+pAAH1004	Prp8 ^{WT} /URA plus Prp8 ^{R1753K} merodiploid	This study

yAAH3376	yAAH3352+pAAH1003	Prp8 ^{WT} /URA plus Prp8 8-101 merodiploid	This study
yAAH3373	yAAH3352+pAAH0997 (selected from yAAH3368)	Prp8 ^{WT}	This study
yAAH3374	yAAH3352+pAAH1001 (selected from yAAH3369)	Prp8 ^{P986T}	This study
yAAH0001	MATa prc1–407 prb1–1122 pep4–3 leu2 trp1 ura3–52 gal2	BJ2168, Protease-deficient strain	(5)
yAAH3398	yAAH0001+ fyv6Δ::hphMX	fyv6Δ strain	This study
yAAH3399	yAAH0434+upf1Δ::KanMX	Cu ²⁺ sensitive upf1Δ strain	This study
yAAH3400	yAAH3353+upf1Δ::KanMX	Cu ²⁺ sensitive fyv6Δ upf1Δ strain	This study

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