

Table S1 : Bacterial and fungal strains used in this study

RESOURCE	SOURCE	IDENTIFIER
Bacterial Strains		
<i>Escherichia coli</i> XL-1 Blue: <i>endA1 gyrA96(nalR) thi-1 recA1 relA1 lac glnV44 F'[::Tn10 proAB+ lacIq Δ(lacZ)M15] hsdR17(r_K⁻ m_K⁺)</i>	Agilent (Stratagene)	Catalog#200249
<i>Escherichia coli</i> Rosetta-2: strain B F ⁻ <i>ompT gal dcmlonhsdSB(rB⁻ mB⁻) λ(DE3 [lacI lacUV5-T7p07 ind1 sam7 nin5]) [malB⁺]K-12(λ^S)</i> , carrying the pRARE2 plasmid	Merck Millipore	71400-3
<i>Escherichia coli</i> DH5α: F ⁻ <i>endA1 glnV44 thi-1 recA1 relA1 gyrA96 deoRnupG purB20 φ80dlacZΔM15 Δ(lacZYA-argF)U169, hsdR17(r_K⁻ m_K⁺), λ⁻</i>	Invitrogen	C404003
Organisms/Strains		
<i>Saccharomyces cerevisiae</i> BY4742 strains		
<i>Saccharomyces cerevisiae</i> BY4742: <i>MATa his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0</i>	Euroscarf	
<i>Saccharomyces cerevisiae</i> BY4742: <i>MATa his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0 + pRS415-Afm erdS</i>	Yakobov & Fischer <i>et al</i> , 2020	N/A
<i>Saccharomyces cerevisiae</i> BY4742: <i>MATa his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0 + pRS415-Aor erdS</i>	Yakobov & Fischer <i>et al</i> , 2020	N/A
<i>Saccharomyces cerevisiae</i> BY4742: <i>MATa his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0 + pRS415-Afm erdS ΔATT</i>	Yakobov & Fischer <i>et al</i> , 2020	N/A
<i>Saccharomyces cerevisiae</i> BY4742: <i>MATa his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0 + pRS415-Afm erdSΔ1-30</i>	This paper	N/A
<i>Saccharomyces cerevisiae</i> BY4742: <i>MATa his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0 + pRS415-Afm erdSΔ1-60</i>	This paper	N/A
<i>Saccharomyces cerevisiae</i> BY4742: <i>MATa his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0 + pRS415-Afm erdSΔ1-84</i>	This paper	N/A
<i>Saccharomyces cerevisiae</i> BY4742: <i>MATa his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0 + pRS415-Afm erdS Y637A</i>	This paper	N/A
<i>Saccharomyces cerevisiae</i> BY4742: <i>MATa his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0 + pRS415-Afm erdS T641A</i>	This paper	N/A
<i>Saccharomyces cerevisiae</i> BY4742: <i>MATa his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0 + pRS415-Afm erdS S642A</i>	This paper	N/A

<i>Saccharomyces cerevisiae</i> BY4742: <i>MATa his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0</i> + pRS415-<i>Afm erdS</i> T643A	This paper	N/A
<i>Saccharomyces cerevisiae</i> BY4742: <i>MATa his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0</i> + pRS415-<i>Afm erdS</i> S644A	This paper	N/A
<i>Saccharomyces cerevisiae</i> BY4742: <i>MATa his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0</i> + pRS415-<i>Afm erdS</i> W645A	This paper	N/A
<i>Saccharomyces cerevisiae</i> BY4742: <i>MATa his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0</i> + pRS415-<i>Afm erdS</i> D647R	This paper	N/A
<i>Saccharomyces cerevisiae</i> BY4742: <i>MATa his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0</i> + pRS415-<i>Afm erdS</i> R649E	This paper	N/A
<i>Saccharomyces cerevisiae</i> BY4742: <i>MATa his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0</i> + pRS415-<i>Afm erdS</i> N677A	This paper	N/A
<i>Saccharomyces cerevisiae</i> BY4742: <i>MATa his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0</i> + pRS415-<i>Afm erdS</i> E712R	This paper	N/A
<i>Saccharomyces cerevisiae</i> BY4742: <i>MATa his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0</i> + pRS415-<i>Afm erdS</i> C728A	This paper	N/A
<i>Saccharomyces cerevisiae</i> BY4742: <i>MATa his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0</i> + pRS415-<i>Afm erdS</i> E731R	This paper	N/A
<i>Saccharomyces cerevisiae</i> BY4742: <i>MATa his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0</i> + pRS415-<i>Afm erdS</i> W785A	This paper	N/A
<i>Saccharomyces cerevisiae</i> BY4742: <i>MATa his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0</i> + pRS415-<i>Afm erdS</i> W785H	This paper	N/A
<i>Saccharomyces cerevisiae</i> BY4742: <i>MATa his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0</i> + pRS415-<i>Afm erdS</i> R789A	This paper	N/A
<i>Saccharomyces cerevisiae</i> BY4742: <i>MATa his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0</i> + pRS415-<i>Afm erdS</i> α⁽⁰⁾ (R749A, K750A, R752A, R753A)	This paper	N/A
<i>Saccharomyces cerevisiae</i> BY4742: <i>MATa his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0</i> + pRS415-<i>Afm erdS</i> α⁽⁻⁾ (R749E, K750E, R752E, R753E)	This paper	N/A
<i>Saccharomyces cerevisiae</i> BY4742: <i>MATa his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0</i> + pRS415-<i>Afm erdS</i> K790E	This paper	N/A
<i>Saccharomyces cerevisiae</i> BY4742: <i>MATa his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0</i> + pRS415-<i>Afm erdS</i> G791A	This paper	N/A

<i>Saccharomyces cerevisiae</i> BY4742: <i>MATa his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0</i> + pRS415-Afm erdS Q793R	This paper	N/A
<i>Saccharomyces cerevisiae</i> BY4742: <i>MATa his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0</i> + pRS415-Afm erdS H795A	This paper	N/A
<i>Saccharomyces cerevisiae</i> BY4742: <i>MATa his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0</i> + pRS415-Afm erdS E798R	This paper	N/A
<i>Saccharomyces cerevisiae</i> BY4742: <i>MATa his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0</i> + pRS415-Afm erdS W802A	This paper	N/A
<i>Saccharomyces cerevisiae</i> BY4742: <i>MATa his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0</i> + pRS415-Afm erdS Q836R	This paper	N/A
<i>Saccharomyces cerevisiae</i> BY4742: <i>MATa his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0</i> + pRS415-Afm erdS K838E	This paper	N/A
<i>Saccharomyces cerevisiae</i> BY4742: <i>MATa his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0</i> + pRS415-Afm erdS F913A	This paper	N/A
<i>Saccharomyces cerevisiae</i> BY4742: <i>MATa his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0</i> + pRS415-Afm erdS K916E	This paper	N/A
<i>Saccharomyces cerevisiae</i> YAL3 Δ dps1 strains		
<i>Saccharomyces cerevisiae</i> YAL3 Δ dps1: <i>MATa ura3-52 lys2-801am trp1-63 his3-200 leu2-1 ade2-450 ade3-1483 dps1::HIS3</i>	Dr. Gilbert Eriani	Ador <i>et al</i> , 1999
<i>Saccharomyces cerevisiae</i> YAL3 Δ dps1: <i>MATa ura3-52 lys2-801am trp1-63 his3-200 leu2-1 ade2-450 ade3-1483 dps1::HIS3</i> + pRS415-Afm erdS	Yakobov & Fischer <i>et al</i> , 2020	N/A
<i>Saccharomyces cerevisiae</i> YAL3 Δ dps1: <i>MATa ura3-52 lys2-801am trp1-63 his3-200 leu2-1 ade2-450 ade3-1483 dps1::HIS3</i> + pRS415-Aor erdS	This paper	N/A
<i>Saccharomyces cerevisiae</i> YAL3 Δ dps1: <i>MATa ura3-52 lys2-801am trp1-63 his3-200 leu2-1 ade2-450 ade3-1483 dps1::HIS3</i> + pRS415-Afm erdS ΔATT	Yakobov & Fischer <i>et al</i> , 2020	N/A
<i>Saccharomyces cerevisiae</i> YAL3 Δ dps1: <i>MATa ura3-52 lys2-801am trp1-63 his3-200 leu2-1 ade2-450 ade3-1483 dps1::HIS3</i> + pRS415-Afm erdSΔ1-30	This paper	N/A
<i>Saccharomyces cerevisiae</i> YAL3 Δ dps1: <i>MATa ura3-52 lys2-801am trp1-63 his3-200 leu2-1 ade2-450 ade3-1483 dps1::HIS3</i> + pRS415-Afm erdSΔ1-60	This paper	N/A

<i>Saccharomyces cerevisiae</i> YAL3 Δ dps1: MATa ura3-52 lys2-801am trp1-63 his3-200 leu2-1 ade2-450 ade3-1483 dps1::HIS3 + pRS415-Afm erdSΔ1-84	This paper	N/A
<i>Saccharomyces cerevisiae</i> YAL3 Δ dps1: MATa ura3-52 lys2-801am trp1-63 his3-200 leu2-1 ade2-450 ade3-1483 dps1::HIS3 + pRS415-Aor erdSΔ1-90	This paper	N/A
<i>Saccharomyces cerevisiae</i> YAL3 Δ dps1: MATa ura3-52 lys2-801am trp1-63 his3-200 leu2-1 ade2-450 ade3-1483 dps1::HIS3 + pRS415-Afm erdS Y637A	This paper	N/A
<i>Saccharomyces cerevisiae</i> YAL3 Δ dps1: MATa ura3-52 lys2-801am trp1-63 his3-200 leu2-1 ade2-450 ade3-1483 dps1::HIS3 + pRS415-Afm erdS T641A	This paper	N/A
<i>Saccharomyces cerevisiae</i> YAL3 Δ dps1: MATa ura3-52 lys2-801am trp1-63 his3-200 leu2-1 ade2-450 ade3-1483 dps1::HIS3 + pRS415-Afm erdS S642A	This paper	N/A
<i>Saccharomyces cerevisiae</i> YAL3 Δ dps1: MATa ura3-52 lys2-801am trp1-63 his3-200 leu2-1 ade2-450 ade3-1483 dps1::HIS3 + pRS415-Afm erdS T643A	This paper	N/A
<i>Saccharomyces cerevisiae</i> YAL3 Δ dps1: MATa ura3-52 lys2-801am trp1-63 his3-200 leu2-1 ade2-450 ade3-1483 dps1::HIS3 + pRS415-Afm erdS S644A	This paper	N/A
<i>Saccharomyces cerevisiae</i> YAL3 Δ dps1: MATa ura3-52 lys2-801am trp1-63 his3-200 leu2-1 ade2-450 ade3-1483 dps1::HIS3 + pRS415-Afm erdS W645A	This paper	N/A
<i>Saccharomyces cerevisiae</i> YAL3 Δ dps1: MATa ura3-52 lys2-801am trp1-63 his3-200 leu2-1 ade2-450 ade3-1483 dps1::HIS3 + pRS415-Afm erdS D647R	This paper	N/A
<i>Saccharomyces cerevisiae</i> YAL3 Δ dps1: MATa ura3-52 lys2-801am trp1-63 his3-200 leu2-1 ade2-450 ade3-1483 dps1::HIS3 + pRS415-Afm erdS R649E	This paper	N/A
<i>Saccharomyces cerevisiae</i> YAL3 Δ dps1: MATa ura3-52 lys2-801am trp1-63 his3-200 leu2-1 ade2-450 ade3-1483 dps1::HIS3 + pRS415-Afm erdS N677A	This paper	N/A
<i>Saccharomyces cerevisiae</i> YAL3 Δ dps1: MATa ura3-52 lys2-801am trp1-63 his3-200 leu2-1 ade2-450 ade3-1483 dps1::HIS3 + pRS415-Afm erdS E712R	This paper	N/A

<i>Saccharomyces cerevisiae</i> YAL3 Δ dps1: MATa ura3-52 lys2-801am trp1-63 his3-200 leu2-1 ade2-450 ade3-1483 dps1::HIS3 + pRS415-Afm erdS C728A	This paper	N/A
<i>Saccharomyces cerevisiae</i> YAL3 Δ dps1: MATa ura3-52 lys2-801am trp1-63 his3-200 leu2-1 ade2-450 ade3-1483 dps1::HIS3 + pRS415-Afm erdS E731R	This paper	N/A
<i>Saccharomyces cerevisiae</i> YAL3 Δ dps1: MATa ura3-52 lys2-801am trp1-63 his3-200 leu2-1 ade2-450 ade3-1483 dps1::HIS3 + pRS415-Afm erdS W785A	This paper	N/A
<i>Saccharomyces cerevisiae</i> YAL3 Δ dps1: MATa ura3-52 lys2-801am trp1-63 his3-200 leu2-1 ade2-450 ade3-1483 dps1::HIS3 + pRS415-Afm erdS W785H	This paper	N/A
<i>Saccharomyces cerevisiae</i> YAL3 Δ dps1: MATa ura3-52 lys2-801am trp1-63 his3-200 leu2-1 ade2-450 ade3-1483 dps1::HIS3 + pRS415-Afm erdS R789A	This paper	N/A
<i>Saccharomyces cerevisiae</i> YAL3 Δ dps1: MATa ura3-52 lys2-801am trp1-63 his3-200 leu2-1 ade2-450 ade3-1483 dps1::HIS3 + pRS415-Afm erdS $\alpha^{(0)}$ (R749A, K750A, R752A, R753A)	This paper	N/A
<i>Saccharomyces cerevisiae</i> YAL3 Δ dps1: MATa ura3-52 lys2-801am trp1-63 his3-200 leu2-1 ade2-450 ade3-1483 dps1::HIS3 + pRS415-Afm erdS $\alpha^{(-)}$ (R749E, K750E, R752E, R753E)	This paper	N/A
<i>Saccharomyces cerevisiae</i> YAL3 Δ dps1: MATa ura3-52 lys2-801am trp1-63 his3-200 leu2-1 ade2-450 ade3-1483 dps1::HIS3 + pRS415-Afm erdS K790E	This paper	N/A
<i>Saccharomyces cerevisiae</i> YAL3 Δ dps1: MATa ura3-52 lys2-801am trp1-63 his3-200 leu2-1 ade2-450 ade3-1483 dps1::HIS3 + pRS415-Afm erdS G791A	This paper	N/A
<i>Saccharomyces cerevisiae</i> YAL3 Δ dps1: MATa ura3-52 lys2-801am trp1-63 his3-200 leu2-1 ade2-450 ade3-1483 dps1::HIS3 + pRS415-Afm erdS Q793R	This paper	N/A
<i>Saccharomyces cerevisiae</i> YAL3 Δ dps1: MATa ura3-52 lys2-801am trp1-63 his3-200 leu2-1 ade2-450 ade3-1483 dps1::HIS3 + pRS415-Afm erdS H795A	This paper	N/A
<i>Saccharomyces cerevisiae</i> YAL3 Δ dps1: MATa ura3-52 lys2-801am trp1-63 his3-200 leu2-1 ade2-450 ade3-1483 dps1::HIS3 + pRS415-Afm erdS E798R	This paper	N/A

<i>Saccharomyces cerevisiae</i> YAL3 Δ dps1: MATa ura3-52 lys2-801am trp1-63 his3-200 leu2-1 ade2-450 ade3-1483 dps1::HIS3 + pRS415-Afm erdS W802A	This paper	N/A
<i>Saccharomyces cerevisiae</i> YAL3 Δ dps1: MATa ura3-52 lys2-801am trp1-63 his3-200 leu2-1 ade2-450 ade3-1483 dps1::HIS3 + pRS415-Afm erdS Q836R	This paper	N/A
<i>Saccharomyces cerevisiae</i> YAL3 Δ dps1: MATa ura3-52 lys2-801am trp1-63 his3-200 leu2-1 ade2-450 ade3-1483 dps1::HIS3 + pRS415-Afm erdS K838E	This paper	N/A
<i>Saccharomyces cerevisiae</i> YAL3 Δ dps1: MATa ura3-52 lys2-801am trp1-63 his3-200 leu2-1 ade2-450 ade3-1483 dps1::HIS3 + pRS415-Afm erdS F913A	This paper	N/A
<i>Saccharomyces cerevisiae</i> YAL3 Δ dps1: MATa ura3-52 lys2-801am trp1-63 his3-200 leu2-1 ade2-450 ade3-1483 dps1::HIS3 + pRS415-Afm erdS K916E	This paper	N/A
<i>Magnaporthe oryzae</i> strains		
<i>Magnaporthe oryzae</i> (WT), isolate Guy11		N/A
<i>Magnaporthe oryzae</i> Δ erdS (erdS ::BAR)	This paper	N/A
<i>Magnaporthe oryzae</i> Δ erdH (erdH ::BAR)	This paper	N/A
<i>Neurospora crassa</i> strains		
<i>Neurospora crassa</i> 74-OR23-1VA : wild-type, matA	Fungal Genetic Stock Center (FGSC)	FGSC #2489
<i>Neurospora crassa</i> Δ eraH:erdH::hph, matA	Fungal Genetic Stock Center (FGSC)	FGSC #20235