

Additional file 1. Strains and plasmids used in this work.

Strains/plasmids	Genotype
<i>S. cerevisiae</i>	
BY.VW4000	CEN.PK2-1C <i>hxt13Δ::loxP hxt15Δ::loxP hxt16Δ::loxP hxt14Δ::loxP hxt12Δ::loxP hxt9Δ::loxP hxt11Δ::loxP hxt10Δ::loxP hxt8Δ::loxP hxt514Δ::loxP hxt2Δ::loxP hxt367Δ::loxP gal2 Δ stl1Δ::loxP agt1Δ::loxP ydl247wΔ::loxP yjr160cΔ::loxP</i>
SC9721	MATa <i>his 3-D200 URA 3-52 leu2D1 lys 2D202 trp 1D63</i>
EBY.VW4000	EBYVW4000 pRH195 pRH274pGH1
+pRH195m	
+pRH274+pGH1	
Tr69957::GFP::	EBYVW4000 pRH195 <i>hxtB</i> pRH274
EBY.VW4000	
<i>T. reesei</i>	
QM6A	<i>Δtmus53ΔPyr4</i>
Δ69957	<i>Δtmus53ΔPyr4Δ69957</i>
Plasmids	
pRH195	pBluescript II SK+, <i>TRP1, CEN6, ARSH4+ PHXT7-XKS1-THXT7</i>
pRH274	pBluescript II SK+, <i>URA3, CEN6, ARSH4 + PPGK1-XYL1-TPGK1; PADH1- XYL2-TADH1; PHXT7-XKS1-THXT7</i>
pGH1	pRS425 <i>PGK1p-gh1-1-CYC1t</i>