

Table S1.**Strains used in this study**

Strain	Genotype	Source
SC5314	Prototroph	(1)
CAI4	<i>ura3Δ::imm⁴³⁴/ura3Δ::imm⁴³⁴ iro1Δ::imm⁴³⁴/ iro1Δ::imm⁴³⁴</i>	(2)
DT425 (<i>UME67 kb UR_r-lacZ</i>)	<i>ura3Δ::imm⁴³⁴/ura3Δ::imm⁴³⁴ iro1Δ::imm⁴³⁴/IRO1 rps1::UME67 kb ur-S.t. lacZ-URA3/RPS1</i>	This study
DT389 (<i>UME66 kb UR-lacZ</i>)	<i>ura3Δ::imm⁴³⁴/ura3Δ::imm⁴³⁴ iro1Δ::imm⁴³⁴/IRO1 rps1::UME66 kb ur-S.t. lacZ-URA3/RPS1</i>	(3)
DT433 (<i>UME65.5 kb UR-lacZ</i>)	<i>ura3Δ::imm⁴³⁴/ura3Δ::imm⁴³⁴ iro1Δ::imm⁴³⁴/IRO1 rps1::UME65.5 kb ur-S.t. lacZ-URA3/RPS1</i>	This study
DT437 (<i>UME65 kb UR-lacZ</i>)	<i>ura3Δ::imm⁴³⁴/ura3Δ::imm⁴³⁴ iro1Δ::imm⁴³⁴/IRO1 rps1::UME65 kb ur-S.t. lacZ-URA3/RPS1</i>	This study
DT469 (<i>UME64.9 kb - 7 kb UR-lacZ</i>)	<i>ura3Δ::imm⁴³⁴/ura3Δ::imm⁴³⁴ iro1Δ::imm⁴³⁴/IRO1 rps1::UME64.9 kb - 7 kb ur-S.t. lacZ-URA3/RPS1</i>	This study
DT472 (<i>UME64.9 kb - 6 kb UR-lacZ</i>)	<i>ura3Δ::imm⁴³⁴/ura3Δ::imm⁴³⁴ iro1Δ::imm⁴³⁴/IRO1 rps1::UME64.9 kb - 6 kb ur-S.t. lacZ-URA3/RPS1</i>	This study
DT461 (<i>UME64 kb - 6 kb UR-lacZ</i>)	<i>ura3Δ::imm⁴³⁴/ura3Δ::imm⁴³⁴ iro1Δ::imm⁴³⁴/IRO1 rps1::UME64 kb - 6 kb ur-S.t. lacZ-URA3/RPS1</i>	This study
DT457 (<i>UME63 kb - 6 kb UR-lacZ</i>)	<i>ura3Δ::imm⁴³⁴/ura3Δ::imm⁴³⁴ iro1Δ::imm⁴³⁴/IRO1 rps1::UME63 kb - 6 kb ur-S.t. lacZ-URA3/RPS1</i>	This study
DT13 (<i>NRG12.9 kb UR-lacZ</i>)	<i>ura3Δ::imm⁴³⁴/ura3Δ::imm⁴³⁴ iro1Δ::imm⁴³⁴/IRO1 rps1::NRG12.9 kb ur-S.t. lacZ-URA3/RPS1</i>	This study
DT1 (<i>NRG12.1 kb UR-lacZ</i>)	<i>ura3Δ::imm⁴³⁴/ura3Δ::imm⁴³⁴ iro1Δ::imm⁴³⁴/IRO1 rps1::NRG12.1 kb ur-S.t. lacZ-URA3/RPS1</i>	This study

DT98 (<i>NRG1</i> _{902 bp} <i>UR-lacZ</i>)	<i>ura3Δ::imm</i> ⁴³⁴ / <i>ura3Δ::imm</i> ⁴³⁴ <i>iro1Δ::imm</i> ⁴³⁴ / <i>IRO1</i> <i>rps1::NRG1</i> _{902 bp} <i>ur-S.t. lacZ-URA3/RPS1</i>	This study
DT94 (<i>NRG1</i> _{570 bp} <i>UR-lacZ</i>)	<i>ura3Δ::imm</i> ⁴³⁴ / <i>ura3Δ::imm</i> ⁴³⁴ <i>iro1Δ::imm</i> ⁴³⁴ / <i>IRO1</i> <i>rps1::NRG1</i> _{570 bp} <i>ur-S.t. lacZ-URA3/RPS1</i>	This study
DT142 (<i>NRG1</i> _{362 bp} <i>UR-lacZ</i>)	<i>ura3Δ::imm</i> ⁴³⁴ / <i>ura3Δ::imm</i> ⁴³⁴ <i>iro1Δ::imm</i> ⁴³⁴ / <i>IRO1</i> <i>rps1::NRG1</i> _{362 bp} <i>ur-S.t. lacZ-URA3/RPS1</i>	This study
DT146 (<i>NRG1</i> _{145 bp} <i>UR-lacZ</i>)	<i>ura3Δ::imm</i> ⁴³⁴ / <i>ura3Δ::imm</i> ⁴³⁴ <i>iro1Δ::imm</i> ⁴³⁴ / <i>IRO1</i> <i>rps1::NRG1</i> _{145 bp} <i>ur-S.t. lacZ-URA3/RPS1</i>	This study
DT158 (<i>NRG1</i> _{122 bp} <i>UR-lacZ</i>)	<i>ura3Δ::imm</i> ⁴³⁴ / <i>ura3Δ::imm</i> ⁴³⁴ <i>iro1Δ::imm</i> ⁴³⁴ / <i>IRO1</i> <i>rps1::NRG1</i> _{122 bp} <i>ur-S.t. lacZ-URA3/RPS1</i>	This study
DT155 (<i>NRG1</i> _{74 bp} <i>UR-lacZ</i>)	<i>ura3Δ::imm</i> ⁴³⁴ / <i>ura3Δ::imm</i> ⁴³⁴ <i>iro1Δ::imm</i> ⁴³⁴ / <i>IRO1</i> <i>rps1::NRG1</i> _{74 bp} <i>ur-S.t. lacZ-URA3/RPS1</i>	This study
DT150 (<i>NRG1</i> _{50 bp} <i>UR-lacZ</i>)	<i>ura3Δ::imm</i> ⁴³⁴ / <i>ura3Δ::imm</i> ⁴³⁴ <i>iro1Δ::imm</i> ⁴³⁴ / <i>IRO1</i> <i>rps1::NRG1</i> _{50 bp} <i>ur-S.t. lacZ-URA3/RPS1</i>	This study
DT370 (<i>NRG1</i> _{45 bp - 2.9 kb} <i>UR-lacZ</i>)	<i>ura3Δ::imm</i> ⁴³⁴ / <i>ura3Δ::imm</i> ⁴³⁴ <i>iro1Δ::imm</i> ⁴³⁴ / <i>IRO1</i> <i>rps1::NRG1</i> _{45 bp - 2.9 kb} <i>ur-S.t. lacZ-URA3/RPS1</i>	This study
DT374 (<i>NRG1</i> _{342 bp - 2.9 kb} <i>UR-lacZ</i>)	<i>ura3Δ::imm</i> ⁴³⁴ / <i>ura3Δ::imm</i> ⁴³⁴ <i>iro1Δ::imm</i> ⁴³⁴ / <i>IRO1</i> <i>rps1::NRG1</i> _{342 bp - 2.9 kb} <i>ur-S.t. lacZ-URA3/RPS1</i>	This study
DT362 (<i>NRG1</i> _{556 bp - 2.9 kb} <i>UR-lacZ</i>)	<i>ura3Δ::imm</i> ⁴³⁴ / <i>ura3Δ::imm</i> ⁴³⁴ <i>iro1Δ::imm</i> ⁴³⁴ / <i>IRO1</i> <i>rps1::NRG1</i> _{556 bp - 2.9 kb} <i>ur-S.t. lacZ-URA3/RPS1</i>	This study
DT366 (<i>NRG1</i> _{883 bp - 2.9 kb} <i>UR-lacZ</i>)	<i>ura3Δ::imm</i> ⁴³⁴ / <i>ura3Δ::imm</i> ⁴³⁴ <i>iro1Δ::imm</i> ⁴³⁴ / <i>IRO1</i> <i>rps1::NRG1</i> _{883 bp - 2.9 kb} <i>ur-S.t. lacZ-URA3/RPS1</i>	This study
DT378 (<i>NRG1</i> _{1.9 kb - 2.9 kb} <i>UR-lacZ</i>)	<i>ura3Δ::imm</i> ⁴³⁴ / <i>ura3Δ::imm</i> ⁴³⁴ <i>iro1Δ::imm</i> ⁴³⁴ / <i>IRO1</i> <i>rps1::NRG1</i> _{1.9 kb - 2.9 kb} <i>ur-S.t. lacZ-URA3/RPS1</i>	This study
DT572 (<i>NRG1</i> _{883 bp - 1.5 kb} <i>UR-lacZ</i>)	<i>ura3Δ::imm</i> ⁴³⁴ / <i>ura3Δ::imm</i> ⁴³⁴ <i>iro1Δ::imm</i> ⁴³⁴ / <i>IRO1</i> <i>rps1::NRG1</i> _{883 bp - 1.5 kb} <i>ur-S.t. lacZ-URA3/RPS1</i>	This study
DT576 (<i>NRG1</i> _{883 bp - 2.1 kb} <i>UR-lacZ</i>)	<i>ura3Δ::imm</i> ⁴³⁴ / <i>ura3Δ::imm</i> ⁴³⁴ <i>iro1Δ::imm</i> ⁴³⁴ / <i>IRO1</i> <i>rps1::NRG1</i> _{883 bp - 2.1 kb} <i>ur-S.t. lacZ-URA3/RPS1</i>	This study

DT564 (<i>NRG1</i> _{883 bp – 2.5 kb UR} – <i>lacZ</i>)	<i>ura3Δ::imm⁴³⁴/ura3Δ::imm⁴³⁴ iro1Δ::imm⁴³⁴/IRO1</i> <i>rps1::NRG1</i> _{883 bp – 2.5 kb ur} – <i>S.t. lacZ</i> – <i>URA3/RPS1</i>	This study
DT568 (<i>NRG1</i> _{2.5 kb – 2.9 kb UR} – <i>lacZ</i>)	<i>ura3Δ::imm⁴³⁴/ura3Δ::imm⁴³⁴ iro1Δ::imm⁴³⁴/IRO1</i> <i>rps1::NRG1</i> _{2.5 kb – 2.9 kb ur} – <i>S.t. lacZ</i> – <i>URA3/RPS1</i>	This study

UR = upstream region.

S.t. = *Streptococcus thermophilus*

References

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2. Fonzi WA, Irwin MY (1993) Isogenic strain construction and gene mapping in *Candida albicans*. *Genetics* 134:717-28.
3. Childers DS, Mundodi V, Banerjee M, Kadosh D (2014) A 5' UTR-mediated translational efficiency mechanism inhibits the *Candida albicans* morphological transition. *Mol Microbiol* 92:570-85.