

Table S3: Strains used in this study.

Description	Number	Genotype	Reference
Starting Strains			
a/α -His -Leu -Arg Strain	SNY152	<i>a/alpha leu2Δ/leu2Δ his1Δ/his1Δ</i> <i>URA3/ura3Δ::imm⁴³⁴ IRO1/iro1Δ::imm⁴³⁴</i> <i>arg1::hisG/arg1::hisG</i>	1
a/a -His -Leu Strain	RZY47	<i>a/a leu2Δ/leu2Δ his1Δ/his1Δ</i> <i>URA3/ura3Δ::imm⁴³⁴ IRO1/iro1Δ::imm⁴³⁴</i>	2
Controls			
Wild Type, White	WTwhite, AHY304	<i>a/Δalpha C.m.LEU2/leu2Δ C.d.HIS1/his1Δ</i> <i>URA3/ura3Δ::imm⁴³⁴ IRO1/iro1Δ::imm⁴³⁴</i> <i>arg1::hisG/arg1::hisG ΔMTLalpha ::ARG1</i>	3
Wild Type, Opaque	WTopaque, AHY336	<i>a/Δalpha C.m.LEU2/leu2Δ C.d.HIS1/his1Δ</i> <i>URA3/ura3Δ::imm⁴³⁴ IRO1/iro1Δ::imm⁴³⁴</i> <i>arg1::hisG/arg1::hisG ΔMTLalpha ::ARG1</i>	3
Wild Type, White	AHY135	<i>a/a C.m.LEU2/leu2Δ C.d.HIS1/his1Δ</i> <i>URA3/ura3Δ::imm⁴³⁴ IRO1/iro1Δ::imm⁴³⁴</i>	3
Wild Type, Opaque	AHY136	<i>a/a C.m.LEU2/leu2Δ C.d.HIS1/his1Δ</i> <i>URA3/ura3Δ::imm⁴³⁴ IRO1/iro1Δ::imm⁴³⁴</i>	3
Ectopic Expression Strains			
Wild Type, White, pMET3-Blank	AHY214	<i>a/a C.m.LEU2/leu2Δ C.d.HIS1/his1Δ</i> <i>URA3/ura3Δ::imm⁴³⁴ IRO1/iro1Δ::imm⁴³⁴</i> pMET3-blank; SAT1; RP10	3
Wild Type, Opaque, pMET3-Blank	AHY375, MLY1166	<i>a/a C.m.LEU2/leu2Δ C.d.HIS1/his1Δ</i> <i>URA3/ura3Δ::imm⁴³⁴ IRO1/iro1Δ::imm⁴³⁴</i> pMET3-blank; SAT1; RP10	This study
Wild Type, White, pMET3-WOR1	AHY204	<i>a/a C.m.LEU2/leu2Δ C.d.HIS1/his1Δ</i> <i>URA3/ura3Δ::imm⁴³⁴ IRO1/iro1Δ::imm⁴³⁴</i> pMET3-WOR1; SAT1; RP10	3
Wild Type, Opaque, pMET3-WOR1	MLY1165	<i>a/a C.m.LEU2/leu2Δ C.d.HIS1/his1Δ</i> <i>URA3/ura3Δ::imm⁴³⁴ IRO1/iro1Δ::imm⁴³⁴</i> pMET3-WOR1; SAT1; RP10	This Study
Wild Type, White, pMET3-WOR4	MLY1214	<i>a/a C.m.LEU2/leu2Δ C.d.HIS1/his1Δ</i> <i>URA3/ura3Δ::imm⁴³⁴ IRO1/iro1Δ::imm⁴³⁴</i> pMET3-WOR4; SAT1; RP10	This Study
Wild Type, Opaque, pMET3-WOR4	MLY1230	<i>a/a C.m.LEU2/leu2Δ C.d.HIS1/his1Δ</i> <i>URA3/ura3Δ::imm⁴³⁴ IRO1/iro1Δ::imm⁴³⁴</i> pMET3-WOR4; SAT1; RP10	This Study

Wild Type, White, pMET3-RFG1	MLY1221	<i>a/a C.m.LEU2/leu2Δ C.d.HIS1/his1Δ URA3/ura3Δ::imm⁴³⁴ IRO1/iro1Δ::imm⁴³⁴ pMET3-RFG1; SAT1; RP10</i>	This Study
Wild Type, Opaque, pMET3-RFG1	MLY1241	<i>a/a C.m.LEU2/leu2Δ C.d.HIS1/his1Δ URA3/ura3Δ::imm⁴³⁴ IRO1/iro1Δ::imm⁴³⁴ pMET3-RFG1; SAT1; RP10</i>	This Study
<i>wor4/wor4</i> , White, pMET3-Blank	MLY1372, MLY1379	<i>a/Δalpha leu2Δ/leu2Δ his1Δ/his1Δ URA3/ura3Δ::imm⁴³⁴ IRO1/iro1Δ::imm⁴³⁴ arg1::hisG/arg1::hisG wor4Δ::C.m.LEU2/wor4Δ::C.d.HIS1 ΔMTLalpha ::ARG1 pMET3-blank; SAT1; RP10</i>	This Study
<i>wor4/wor4</i> , White, pMET3-WOR1	MLY1373, MLY1380	<i>a/Δalpha leu2Δ/leu2Δ his1Δ/his1Δ URA3/ura3Δ::imm⁴³⁴ IRO1/iro1Δ::imm⁴³⁴ arg1::hisG/arg1::hisG wor4Δ::C.m.LEU2/wor4Δ::C.d.HIS1 ΔMTLalpha ::ARG1 pMET3-WOR1; SAT1; RP10</i>	This Study
Wild Type, White, pMET3-Blank	MLY1365	<i>a/Δalpha C.m.LEU2/leu2Δ C.d.HIS1/his1Δ URA3/ura3Δ::imm⁴³⁴ IRO1/iro1Δ::imm⁴³⁴ arg1::hisG/arg1::hisG ΔMTLalpha ::ARG1 pMET3-blank; SAT1; RP10</i>	This Study
Wild Type, White, pMET3-WOR1	MLY1366	<i>a/Δalpha C.m.LEU2/leu2Δ C.d.HIS1/his1Δ URA3/ura3Δ::imm⁴³⁴ IRO1/iro1Δ::imm⁴³⁴ arg1::hisG/arg1::hisG ΔMTLalpha ::ARG1 pMET3-WOR1; SAT1; RP10</i>	This Study
<i>wor1/wor1</i> , White, pMET3-Blank	MLY1393	<i>a/a leu2Δ/leu2Δ his1Δ/his1Δ URA3/ura3Δ::imm⁴³⁴ IRO1/iro1Δ::imm⁴³⁴ wor1Δ::C.m.LEU2/wor1Δ::C.d.HIS1 pMET3- blank; SAT1; RP10</i>	This Study
<i>wor1/wor1</i> , White, pMET3-WOR1	MLY1394	<i>a/a leu2Δ/leu2Δ his1Δ/his1Δ URA3/ura3Δ::imm⁴³⁴ IRO1/iro1Δ::imm⁴³⁴ wor1Δ::C.m.LEU2/wor1Δ::C.d.HIS1 pMET3- WOR1; SAT1; RP10</i>	This Study
<i>wor1/wor1</i> , White, pMET3-WOR4	MLY1395	<i>a/a leu2Δ/leu2Δ his1Δ/his1Δ URA3/ura3Δ::imm⁴³⁴ IRO1/iro1Δ::imm⁴³⁴ wor1Δ::C.m.LEU2/wor1Δ::C.d.HIS1 pMET3- WOR4; SAT1; RP10</i>	This Study
Wild Type, pTDH3-WOR4	MLY1420	<i>a/a C.m.LEU2/leu2Δ C.d.HIS1/his1Δ URA3/ura3Δ::imm⁴³⁴ IRO1/iro1Δ::imm⁴³⁴ pTDH3-WOR4; SAT1; RP10</i>	This Study
Deletion Strains			

<i>wor1/wor1</i> , White	RZY219	<i>a/a leu2Δ/leu2Δ his1Δ/his1Δ</i> <i>URA3/ura3Δ::imm⁴³⁴ IRO1/iro1Δ::imm⁴³⁴</i> <i>wor1Δ::C.m.LEU2/wor1Δ::C.d.HIS1</i>	2
<i>WOR4/wor4</i> , White	MLY1135	<i>a/a leu2Δ/leu2Δ his1Δ/his1Δ</i> <i>URA3/ura3Δ::imm⁴³⁴ IRO1/iro1Δ::imm⁴³⁴</i> <i>WOR4/wor4Δ::C.d.HIS1</i>	This Study
<i>WOR4/wor4</i> , Opaque	MLY1137	<i>a/a leu2Δ/leu2Δ his1Δ/his1Δ</i> <i>URA3/ura3Δ::imm⁴³⁴ IRO1/iro1Δ::imm⁴³⁴</i> <i>WOR4/wor4Δ::C.d.HIS1</i>	This Study
<i>wor4/wor4</i> , White	MLY1355A, MLY1355B	<i>a/Δalpha leu2Δ/leu2Δ his1Δ/his1Δ</i> <i>URA3/ura3Δ::imm⁴³⁴ IRO1/iro1Δ::imm⁴³⁴</i> <i>arg1::hisG/arg1::hisG</i> <i>wor4Δ::C.m.LEU2/wor4Δ::C.d.HIS1 ΔMTLalpha</i> <i>::ARG1</i>	This Study
<i>rfg1/rfg1</i> , White	MLY1136	<i>a/a leu2Δ/leu2Δ his1Δ/his1Δ</i> <i>URA3/ura3Δ::imm⁴³⁴ IRO1/iro1Δ::imm⁴³⁴</i> <i>rfg1Δ::C.m.LEU2/rfg1Δ::C.d.HIS1</i>	This Study
<i>rfg1/rfg1</i> , Opaque	MLY1138	<i>a/a leu2Δ/leu2Δ his1Δ/his1Δ</i> <i>URA3/ura3Δ::imm⁴³⁴ IRO1/iro1Δ::imm⁴³⁴</i> <i>rfg1Δ::C.m.LEU2/rfg1Δ::C.d.HIS1</i>	This Study
Tagged Strains			
Wor4-GFP, White	MLY1295	<i>a/a C.m.LEU2/leu2Δ C.d.HIS1/his1Δ</i> <i>URA3/ura3Δ::imm⁴³⁴ IRO1/iro1Δ::imm⁴³⁴</i> <i>WOR4/WOR4-GFP</i>	This Study
Wor4-GFP, Opaque	MLY1304	<i>a/a C.m.LEU2/leu2Δ C.d.HIS1/his1Δ</i> <i>URA3/ura3Δ::imm⁴³⁴ IRO1/iro1Δ::imm⁴³⁴</i> <i>WOR4/WOR4-GFP</i>	This Study
Wor4-13x myc, White	MLY1286	<i>a/a C.m.LEU2/leu2Δ C.d.HIS1/his1Δ</i> <i>URA3/ura3Δ::imm⁴³⁴ IRO1/iro1Δ::imm⁴³⁴</i> <i>WOR4/WOR4-13x myc</i>	This Study
Wor4-13x myc, Opaque	MLY1298	<i>a/a C.m.LEU2/leu2Δ C.d.HIS1/his1Δ</i> <i>URA3/ura3Δ::imm⁴³⁴ IRO1/iro1Δ::imm⁴³⁴</i> <i>WOR4/WOR4-13x myc</i>	This Study
Microscopy Strains			
HTB1-mCherry, Wor4-GFP, White	MLY1460	<i>a/a C.m.LEU2/leu2Δ C.d.HIS1/his1Δ</i> <i>URA3/ura3Δ::imm⁴³⁴ IRO1/iro1Δ::imm⁴³⁴</i> <i>WOR4/WOR4-GFP HTB1/HTB1-mCherry::SAT1</i>	This Study
HTB1-mCherry, Wor4-GFP, Opaque	MLY1467	<i>a/a C.m.LEU2/leu2Δ C.d.HIS1/his1Δ</i> <i>URA3/ura3Δ::imm⁴³⁴ IRO1/iro1Δ::imm⁴³⁴</i> <i>WOR4/WOR4-GFP HTB1/HTB1-mCherry::SAT1</i>	This Study

HTB2-mCherry, Wor4-GFP, White	MLY1462	<i>a/a C.m.LEU2/leu2Δ C.d.HIS1/his1Δ URA3/ura3Δ::imm⁴³⁴ IRO1/iro1Δ::imm⁴³⁴ WOR4/WOR4-GFP HTB2/HTB2-mCherry::SAT1</i>	This Study
HTB2-mCherry, Wor4-GFP, Opaque	MLY1469	<i>a/a C.m.LEU2/leu2Δ C.d.HIS1/his1Δ URA3/ura3Δ::imm⁴³⁴ IRO1/iro1Δ::imm⁴³⁴ WOR4/WOR4-GFP HTB2/HTB2-mCherry::SAT1</i>	This Study

References

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