

Table S1

Strain	Genotype	Traven collection reference
BWP17	<i>ura3Δ::λimm434/ura3Δ::λimm434</i> <i>arg4Δ::hisG/arg4Δ::hisG</i> <i>his1Δ::hisG/his1Δ::hisG</i>	YCAT15
DAY185	<i>ura3Δ::λimm434/ura3Δ::λimm434</i> <i>arg4Δ::hisG/ARG4::URA3::arg4Δ::hisG</i> <i>his1Δ::hisG/his1Δ::hisG::pHIS1</i>	YCAT504
DAY286	<i>ura3Δ::λimm434/ura3Δ::λimm434</i> <i>arg4Δ::hisG/ARG4::URA3::arg4Δ::hisG</i> <i>his1Δ::hisG/his::hisG</i>	YCAT14
<i>mdm10</i>	<i>ura3Δ::λimm434/ura3Δ::λimm434</i> <i>arg4Δ::hisG/arg4Δ::hisG</i> <i>his1Δ::hisG/his1Δ::hisG::pHIS1</i> <i>mdm10Δ::ARG4/URA3-P_{MET3}-MDM10</i>	YCAT597
<i>mmm1</i>	<i>ura3Δ::λimm434/ura3Δ::λimm434</i> <i>arg4Δ::hisG/arg4Δ::hisG</i> <i>his1Δ::hisG/his1Δ::hisG::pHIS1</i> <i>mmm1Δ::ARG4/URA3-P_{MET3}-MMM1</i>	YCAT595
<i>mmm1+1</i>	<i>ura3Δ::λimm434/ura3Δ::λimm434</i> <i>arg4Δ::hisG/arg4Δ::hisG</i> <i>his1Δ::hisG/hisΔ::hisG::pHIS1-MMM1</i> <i>mmm1Δ::ARG4/URA3-P_{MET3}-MMM1</i>	YCAT697
<i>mdm12ΔΔ</i>	<i>ura3Δ::λimm434/ura3Δ::λimm434</i>	YCAT735

	<p><i>arg4Δ::hisG/arg4Δ::hisG</i></p> <p><i>his1Δ::hisG/hisΔ::hisG::pHIS1</i></p> <p><i>mdm12Δ::URA3/mdm12Δ::ARG4</i></p> <p>OR</p> <p><i>ura3Δ::λimm434/ura3Δ::λimm434</i></p> <p><i>arg4Δ::hisG/arg4Δ::hisG</i></p> <p><i>his1Δ::hisG/hisΔ::hisG</i></p> <p><i>mdm12Δ::URA3/mdm12Δ::ARG4</i></p>	YCAT711
<i>mdm12ΔΔ+12</i>	<p><i>ura3Δ::λimm434/ura3Δ::λimm434</i></p> <p><i>arg4Δ::hisG/arg4Δ::hisG</i></p> <p><i>his1Δ::hisG/hisΔ::hisG::pHIS-MDM12</i></p> <p><i>mdm12Δ::URA3/mdm12Δ::ARG4</i></p>	YCAT741
<i>mmm1ΔΔ</i>	<p><i>ura3Δ::λimm434/ura3Δ::λimm434</i></p> <p><i>arg4Δ::hisG/arg4Δ::hisG</i></p> <p><i>his1Δ::hisG/hisΔ::hisG::pHIS1</i></p> <p><i>mmm1Δ::URA3/mmm1Δ::ARG4</i></p> <p>OR</p> <p><i>ura3Δ::λimm434/ura3Δ::λimm434</i></p> <p><i>arg4Δ::hisG/arg4Δ::hisG</i></p> <p><i>his1Δ::hisG/hisΔ::hisG</i></p> <p><i>mmm1Δ::URA3/mmm1Δ::ARG4</i></p>	YCAT734 YCAT705
<i>mmm1ΔΔ+1</i>	<p><i>ura3Δ::λimm434/ura3Δ::λimm434</i></p> <p><i>arg4Δ::hisG/arg4Δ::hisG</i></p> <p><i>his1Δ::hisG/hisΔ::hisG::pHIS1-MMM1</i></p> <p><i>mmm1Δ::URA3/mmm1Δ::ARG4</i></p>	YCAT739
<i>mdm10ΔΔ</i>	<p><i>ura3Δ::λimm434/ura3Δ::λimm434</i></p>	YCAT726

	<i>arg4Δ::hisG/arg4Δ::hisG</i> <i>his1Δ::hisG/hisΔ::hisG</i> <i>mdm10Δ::URA3/mdm10Δ::ARG4</i>	
<i>mdm34ΔΔ</i>	<i>ura3Δ::λimm434/ura3Δ::λimm434</i> <i>arg4Δ::hisG/arg4Δ::hisG</i> <i>his1Δ::hisG/hisΔ::hisG::pHIS1</i> <i>mdm34Δ::URA3/mdm34Δ::ARG4</i> OR <i>ura3Δ::λimm434/ura3Δ::λimm434</i> <i>arg4Δ::hisG/arg4Δ::hisG</i> <i>his1Δ::hisG/hisΔ::hisG</i> <i>mdm34Δ::URA3/mdm34Δ::ARG4</i>	YCAT737 YCAT720
<i>mdm34ΔΔ+34</i>	<i>ura3Δ::λimm434/ura3Δ::λimm434</i> <i>arg4Δ::hisG/arg4Δ::hisG</i> <i>his1Δ::hisG/hisΔ::hisG::pHIS1-MDM34</i> <i>mdm34Δ::URA3/mdm34Δ::ARG4</i>	YCAT747

Table S2.

Label	Primer sequence
MMM1 KO F'	ATAGTGCCAGAGATTTACAGTGGGGGGAGAAAACTTCCAAAA AATATCTTCTCTAGTACCACATGAAGATATTACAGATTGCAAATCA AGTTGATCATTCCCAGTCACGACGTTGTAAAAC
MMM1 KO R'	CTGGATTTGTACTIONTACCCTACATCAGTTGAAGGTCTTAAAC TAAAGAAAGATATACATCTCACTTCATTTAATAAATGTACATATAC ACTGCAATGTGGAATTGTGAGCGGATA
MMM1 MET R'	TCAATTGTTCAAGTAAAGAGTCATGGATTTGATGACCTAGTTCTCT TGCCTCAACTATTTTTGTTGTCGTTGCTGTTGTTTCAATTAATCCT GTGACATGTTTTCTGGGGAGGGTATTTACTTT
MDM10 KO F'	CAATTAGCCTTTTTAATTTGTTGTTTAGATACTTACTTTTTCCCCTTT TTTAATTTAATTCAATTCAACTGGTTTCTTTTTTTTCGGGGTTAGTTTT TCAATTTCCCAGTCACGACGTT
MDM10 KO R'	GTAATATTTAATGCTACACTTACTCTATCTTCATCTCTATCTATCTA TCAAAGGTATGGTTCTATATTATTTAACTAACCTATCTAGCAACTTA CTTCTTGTTGAATTGTGAGCGGATA
MDM10 MET R'	AAGCTTGAGATGTGGCAGTAATATTAGAATATATATTGTCTTCATT CCAATTAGTTGATTTATAAAAACATTTCTGTAAGTATTCCATATATG TATACATGTTTTCTGGGGAGGGTATTTACTTT
MDM12 KO F'	CGACTTATTAAATTTTCATAAGTAAAGTCATTTTGAAGTGTATAAC GTTCTCTCTTTACCAACCGATGACAACACCCAGTTAACGCAAGCAT CATTATAATTTCCCAGTCACGACGTTGTAAAAC
MDM12 KO R'	GCTATTACTATGTAATAATTTGATTTCTCAACCATATTGACCTGATA TCGACTTTCTTTGTAGCAATTCATTTATGTCCATTTAGCACATTGTG GTGATTAGTGGGAATTGTGAGCGGATA
MDM12 MET R'	GGAGTGAGATATTTTTGAATTGCTGATCCAAAACTCTTTTTATCGA

	TTGATTGATCGTGTCAATCAATTGTTAATTGATTCCAATTAATATCAA ATGACATGTTTTCTGGGGAGGGTATTTACTTT
MDM34 KO F'	ACCTTCTCCCCTTCCCCTTATAACTTCCAATTCTAACGGGTATTTC GTACTTTGGAAACCAGCTAATCCTATAGCTTTTTGCACACTTTTTTT ATAAACTTCCCAGTCACGACGTT
MDM34 KO R'	AAATAAAACAATCCAACATAGTATTTGTCATCTCTCATACTCTTTAT GTAATAGATTTACGTTTACAATAAAAGAAACTCAAAATTCCATAAC CTTCATGGTGGAAATTGTGAGCGGATA
MMM1 CHECK F'	ACCGACAAGATTTCAAGTGTA
MMM1 CHECK R'	AAATAACTCATGACTACGCC
MDM10 CHECK F'	ACAAACACCAAGAAGTTAAA
MDM10 CHECK R'	GAAGCCAGATAATCTGTAGT
MDM12 CHECK F'	ACATGTTACTGACTCAGCTA
MDM12 CHECK R'	GGCTATTGGCGTGTTAGGTG
MDM34 CHECK F'	AGACTTATAACACACACCAA
MDM34 CHECK R'	TGTCACTAACAGACATTTAC
ARG4 CHECK F'	GGAATTGATCAATTATCTTTTGAAC
ARG4 CHECK R'	AAGTACACGACCCACAGTTA
URA3 CHECK F'	ATGGCACTACAGCAACTTTC
URA3 CHECK R'	AACGCGTTGGATGCATAGCT

Table S3.

Gene	Primer sequence
¹ SCR1 F'	TTTAGCATAACCACTGGAGGGAAG
¹ SCR1 R'	GAGTTGCAACACTAGATACCGCACT
² RDN5 F'	CATATCTAGCAGAAAGCACCGTTC
² RDN5 R'	ACAATAGTTTCGCGTATGGTCTC
² RDN25 F'	GAGAGGAACCGTTCATTCAGATAAT
² RDN25 R'	CTATGGTCCAGCGACTAAAAAGTCT
² MMM1 F'	GACTACCTTCATTATGGCCTAGAACT
² MMM1 R'	TAGCTGCACTCGTACCGTTTAC
² MDM10 F'	ACCCTGCTGTGATTCCCAA
² MDM10 R'	TGCTGCTGATAATCCAGGAC
² HWP1 F'	AATCCTCCTCAACCTGATCAGCCTG
² HWP1 R'	AGCTGGAGTTGTTGGCTTTTCTGGA
² ECE1 F'	TGCCGTCGTCAGATTGCCAGA
² ECE1 R'	AGGCCAACATCTGGAACGCCA
¹ PHR1 F'	CTAATTTGCCACCAACTCCA
¹ PHR1 R'	TCGTCAGCAACAACACATTC
³ SAP5 F'	AGAATTTCCCGTCGATGAGACTGGT
³ SAP5 R'	CAAATTTTGGGAAGTGCGGGAAGA
³ SAP6 F'	CCCGTTTTGAAATTAATATGCTGATGG
³ SAP6 R'	GTCGTAAGGAGTTCTGGTAGCTTCG

¹Reference: Verma-Gaur, J., Y. Qu, P. F. Harrison, T. L. Lo, T. Quenault, M. J. Dagley M., Bellousoff, D. R. Powell, T. H. Beilharz, and A. Traven. 2015. Integration of Posttranscriptional Gene Networks into Metabolic Adaptation and Biofilm Maturation in *Candida albicans*. *PLoS genetics* **11**:e1005590.

²Reference: This study

³Reference: Naglik, J. R., C. A. Rodgers, P. J. Shirlaw, J. L. Dobbie, L. L. Fernandes-Naglik, D. Greenspan, N. Agabian, and S. J. Challacombe. 2003. Differential expression of *Candida albicans* secreted aspartyl proteinase and phospholipase B genes in humans

correlates with active oral and vaginal infections. The Journal of infectious diseases 188:469-479.