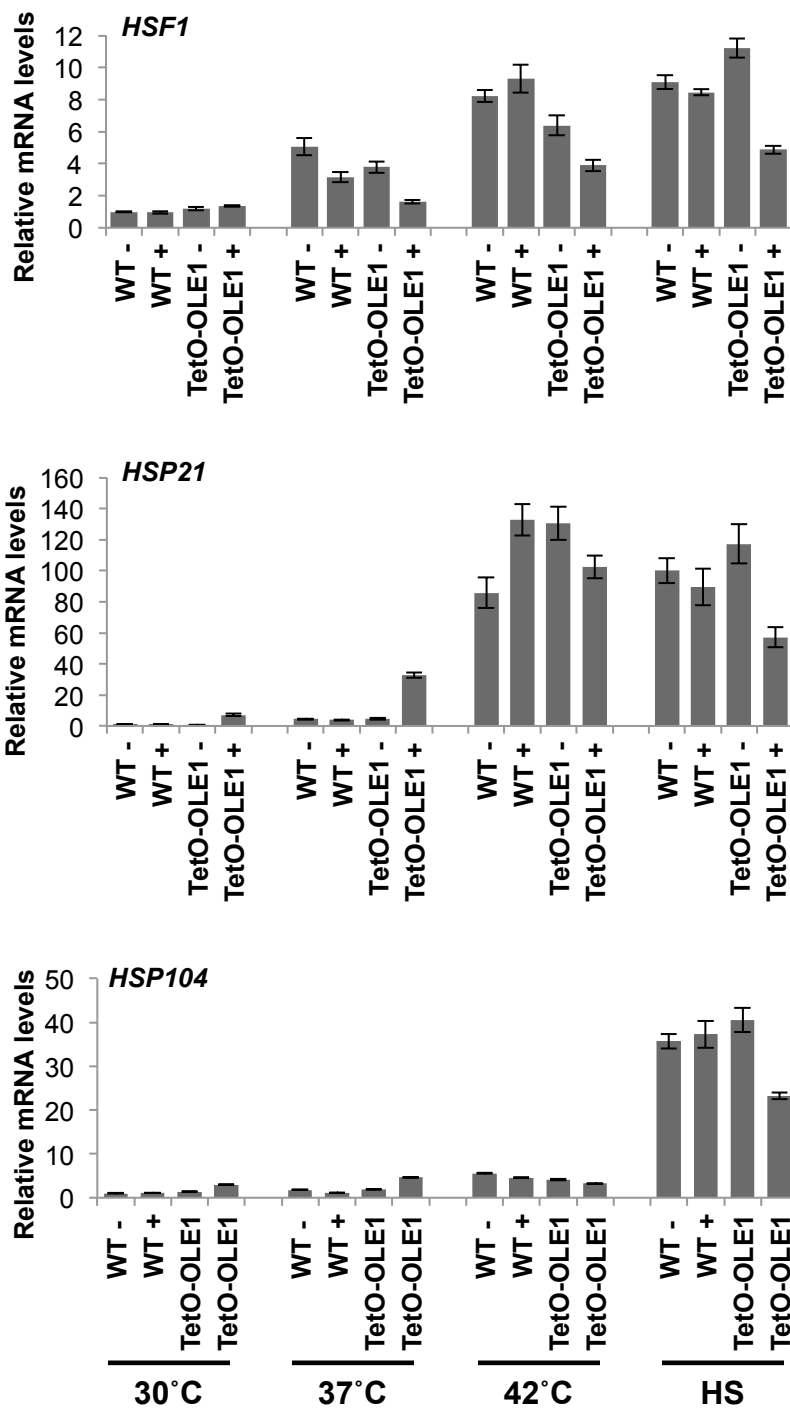


Supplemental Figure Legends

Figure S1: *HSF1*, *HSP21* and *HSP104* expression upon depletion of *OLE1* in *C. albicans tetO-OLE1/ole1*Δ cells at different growth temperatures. WT (wild type, CaLC2993: Table 1) and doxycycline-conditional *C. albicans tetO-OLE1/ole1*Δ cells (CaLC3032) were treated with 0 or 1 μg/ml doxycycline, and expression of *HSF1*, *HSP21* and *HSP104* was monitored by qRT-PCR during growth at 30°C, 37°C, 42°C or after a 15 minute 30°C to 42°C heat shock (HS), relative to the internal *ACT1* mRNA control.

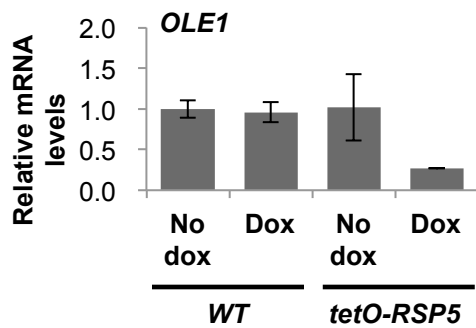
Figure S2: *Rsp5* depletion affects *OLE1* and *HSP* expression. (A) qRT-PCR of WT (wild type, CaLC2993: Table 1) and doxycycline-conditional *C. albicans tetO-RSP5/rsp5*Δ cells (CaLC3366) treated with 0 or 20 μg/ml doxycycline, illustrate a loss of *OLE1* transcript upon depletion of *RSP5*. Data relative to the *ACT1* mRNA control. *HSP104* (B), *HSP21* (C), *OLE1* (D) and *RSP5* (E) transcript levels in WT and *tetO-RSP5/rsp5*Δ cells treated with 0 (-) or 20 μg/ml (+) doxycycline for 18 + 5 hours at 30°C or after a 15 minute 30°C to 42°C heat shock (HS), relative to the internal *ACT1* mRNA control.

Supplementary data Figure 1: Leach *et al.*

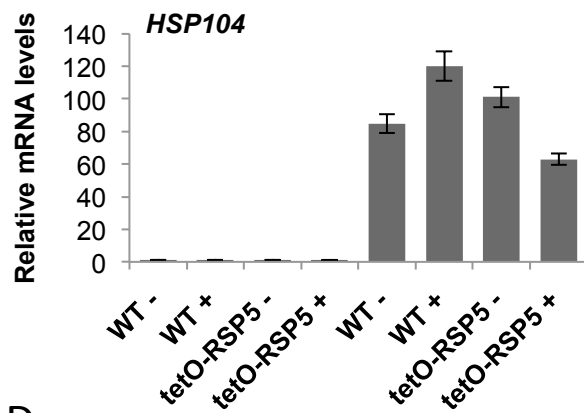


Supplementary data Figure 2: Leach *et al.*

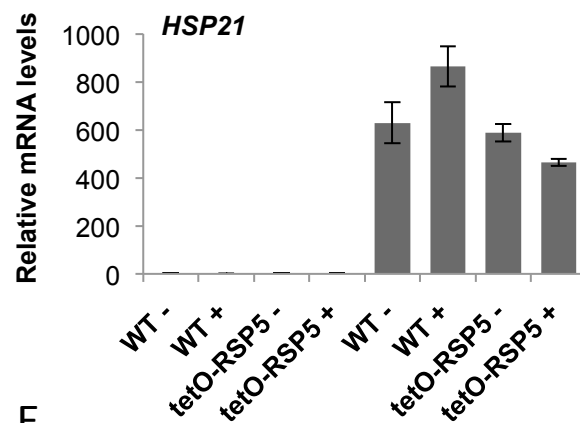
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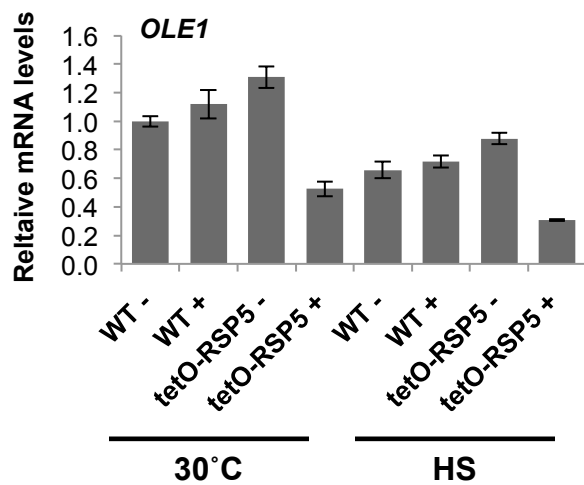
B



C



D



E

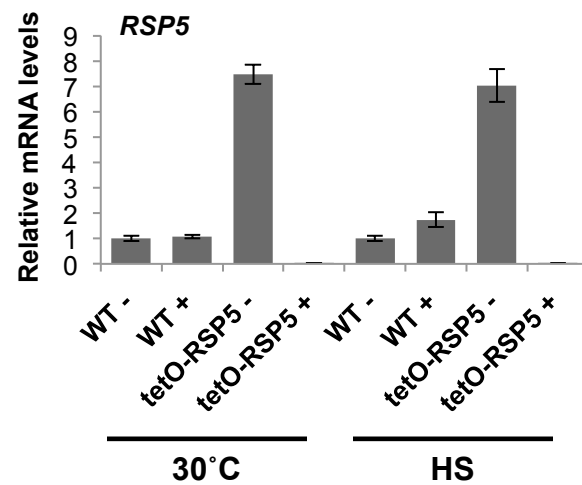


Table S1: Primers used in this study.

oLC2798	CaOLE1-NAT1 F1	TCGATCAAGTAACACATACTGTTATTACAA GAACTTGAAAGTCAAGACCAAACAAATTA GCATTTACAGGAAACAGCTATGACCATG
oLC2799	CaOLE1-NAT1 R1	AAACAAAAATGACAGAAAATGAAAACGAA AAATGAAAGAAAACAAATCAACCCAGCAA TTTTCTATTTGCGTAAAACGACGGCCAG
oLC2802	CaOle1d Ext F (-306 bp)	GTATCAGAGGCCAAAGTAATG
oLC2803	CaOle1d Ext R (+1667 bp)	CTTACAGACACTGAACTTG
oLC274	pJK863down-F	CTGTCAAGGAGGGTATTCTGG
oLC275	pJK863up-R	AAAGTCAAAGTTCCAAGGGG
oLC2801	CaOLE1-NAT1 pLC330 R1	TATTAGTACCAGCAGCAATGGCATTCAATT TAGTGATATCAACAGTTTCAAGTTGTTCAA CTGTAGTCATcgactatttatattgtatg
oLC2804	CaOle1d Int R (+125 bp)	CAGTGACCTTAACTAAATCG
oLC300	Tetp-F-NotI	ATAAGAATGCGGCCGCGTTTGGTTCAGCAC CTTGTCG
oLC3359	CaRSP5-NAT1 F2	TTCTCAGTTGAGTTGAGTTGAGGTTCAACAT TCATTTGTCACTCACTCACTCACTCCCCTTC TTCCCTTTGGAAACAGCTATGACCATG
oLC3360	CaRSP5-NAT1 R2	CAAACAAATATAAGTATATGTATGTATGTA TATATAAATATAAATGTATAACCAGAAAGA AAGAAAGGTAAAACGACGGCCAG
oLC3361	CaRSP5d Ext F (-320 bp)	GCTGTTTCGGTTGTAATTAG
oLC3362	CaRSP5d Ext R (+2775 bp)	CAACGTCAACTCTTCAAATC
oLC3388	CaRSP5_TetO_pLC60 5	CAGCAACAACCTTAAACGTTGATGGTGGTAG TATTGTTGTTGCTCCTTGATGTAGATATATT AGGAGCCA Tcgactatttatattgtatg
oLC3389	CaRSP5+542 R	GTTGAGTTTGCAGTAGTAG
oLC3357	CaRSP5-NAT1 F1	TATACCATTCAATTTCTTCCATTTGTTCAAC CTTCCCATCAATCGAAGAAAACCTCTGTGTT GTATAAATTGGAAACAGCTATGACCATG
oLC534	CaTAR-797-R	gatggagatagtttacgg
oLC2922	CaHsf1-TAP ARG R	TATACCTAAACAACGAAAATAATGAATTGA AAAATATAATGATTATAGACACACTTCATC TATATCCTATtcgatgaattcgagctcgtt
oLC2950	CaHsf1-TAP-ARG4-F	TAACATAAATGATTCTAATGGTAATGAGAA GAAACTGAAGAAAAGATCAATCGAAGAAG

		TTAGCGATCATggtcgacggatccccgggt
oLC1593	TAP-R	TAAACTTTGGATGAAGGCG
oLC1594	ARG4-F	ATGTTGGCTACTGATTTAGCTG
oLC1597	CaHsf1+1978-F	GGACAATCAATTCAGCAAGTG
oLC1598	CaHsf1+2607-R	GCATTTACTCTCAATAGAGTG
oLC1620	Hsp104+1402-F	CGAGCTAGTCATGAACAATTG
oLC1621	Hsp104+1660-R	GGATACCAGTCAATCTAGCA
oLC3217	CaHSP21+90-F	CCAAGAAAATTGCTCAAGG
oLC3218	CaHSP21+325-R	CTTCATCAGGACTCAAATTC
oLC2805	CaOle1 RT-PCR F (+353 bp)	GACTCTAGTGTTGACATTTG
oLC2806	CaOle1 RT-PCR R (+537 bp)	GTGAATACGATGAGAATGAC
oLC3408	CaRSP5+1077 F	GGTTGGGAACAAAGATTTAC
oLC3409	CaRSP5+1273 R	GAGCAGTATTGGTTAATCTC
oLC3168	CaFAS2+438-F	CAAGGCTAACTTGTTAATCC
oLC3169	CaFAS2+658-R	GAAGTCTTTCCTAATTGACC
oLC2285	CaACT1+855-F	GACCTTGAGATACCCAATTG
oLC2286	CaACT1+1076-R	CAGCTTGAATGGAAACGTAG