

Supplemental Material

Table S1. List of primers used in qPCR

Target gene	Primer name and sequence
<i>CHT2</i> (orf19.3895)	CaCHT2 F, GTTACCCAATCTACCACCACTAC CaCHT2 R, GGAGGAAGATGAAGTGACAATCT
<i>URA7</i> (orf19.3941)	CaURA7 F, AACTGGGAAGAGAATGGAGATG CaURA7 R, CAAGGAATGGTCGTGATGGA
<i>RPO26</i> (orf19.2643)	CaRPO26 F, GGTGGATTTGGACCTGATGAT CaRPO26 R, TGGTCATATACGGAGTGGTAGT
<i>HAS1</i> (orf19.3962)	CaHAS1 F, AGCCAAGGGTGTGAACTTATTA CaHAS1 R, CGGCTTCATCAATCACCAAAG
<i>DUS4</i> (orf19.966)	CaDUS4 F, CTGCCAAAGACAAGTATGGAGA CaDUS4 R, CGCTTCCACCACCTTATTGA
<i>RPS25B</i> (orf19.6663)	CaRPS25B F, GGTGGTTCTTTAGCCAGAGTT CaRPS25B R, GCACGAGTGTAGATAGCTTGTT
<i>UAP1</i> (orf19.4265)	CaUAP1 F, ACCTAATGAACAAACAGCATCAAC CaUAP1 R, CTTGACCTCCTGCCATCAATAA

<i>CKS1</i> (orf19.1282)	CaCKS1 F, CAGAAGAAGAATGGAGAGGGTTAG CaCKS1 R, CCGGGATTTAAGGGTCTCTTG
orf19.4149.1	Ca19.4149.1 F, TCCAGCTTTCAGAGTTGAAGAA Ca19.4149.1 R, TCTAGAAGCACCAGCAGAAAC
orf19.970	Ca19.970 F, TATCAGGTGCTTGGCTTTGG Ca19.970 R, GGAAACCTCGGCATCAAGTAA
<i>ECS1</i> (orf19.1766)	CaECS1 F, GCAGTTGCTGGTAAAGTCATTG CaECS1 R, GGCAAACCAACCTTGAGAATTT
<i>ECS2</i> (orf19.6867)	CaECS2 F, CTCGTTCCCAATTAGCCCAATA CaECS2 R, AGGACCATAGCTGTTGGAATTAG
<i>ECS3</i> (orf19.5833)	CaECS3 F, TGTGTGGTGGAGACAGATTTAG CaECS3 R, ATGGGTTTGCTCAGTGGTT
<i>PR26</i> (orf19.5793)	CaPR26 F, GAGGGCACAAGAAGAAGTCAA CaPR26 R, CCAGTGGTGGATGAAACTATACC
<i>LEU42</i> (orf19.1375)	CaLEU62 F, TTGAAATGGCCACTCCTAACA CaLEU62 R, CAGCAACACTACACCCTCTATC

<i>FKS1</i> (orf19.2929)	CaFKS1 F, GGATATCAAGACCAAGCCAACTA CaFKS1 R, CCAGGAGTTTGACCACCATAA
<i>FKS2</i> (orf19.3269)	CaFKS2 F, CTAGCAGTCGCCAATCATGTA CaFKS2 R, CCGATAATGCAAACCCAAGAAC
<i>FKS3</i> (orf19.2495)	CaFKS3 F, AGCTTGGTGCCCTGAAA CaFKS3 R, GTTGCTGACATTATCGTCTTGG
<i>ACT1</i> (orf19.5007)	CaACT1 F, ACTACCATGTTCCCAGGTATTG CaACT1 R, CCACCAATCCAGACAGAGTATT

Supplemental figure legend

Figure S1. Patterns of relative gene expression in clinical isolates DPL253, DPL255, DPL258, DPL263 and DPL266 that are highly susceptible to echinocandins (see Table 2). Gene expressions were measured with qPCR, normalized against *ACT1* and compared to the corresponding genes of the reference strain SC5314 in which expressions were considered 100%. Shown is the average of three independent experiments \pm standard deviations. Note that *FKS3* was not detected in DPL263. The asterisks indicate *P* value of <0.05 (*), <0.01 (**) or <0.001 (***), as determined using Student's *t* test. The graph was prepared using GraphPad Prism (9.5.0).

Figure S2. Patterns of relative gene expression in clinical isolates DPL225, DPL291 and DPL1000 that are less susceptible to echinocandins (see Table 2). The asterisks indicate *P* value of <0.05 (*), <0.01 (**) or <0.001 (***), as determined using Student's *t* test. The graph was prepared using GraphPad Prism (9.5.0). For more details, see legend of Fig. S1.

Figure S3. Patterns of relative gene expression in clinically resistant isolates DPL15, DPL1009 and DPL1008 (see Table 2). The asterisks indicate *P* value of <0.05 (*), <0.01 (**) or <0.001 (***), as determined using Student's *t* test. The graph was prepared using GraphPad Prism (9.5.0). For more details, see legend of Fig. S1.