

## **SUPPLEMENTAL MATERIAL**

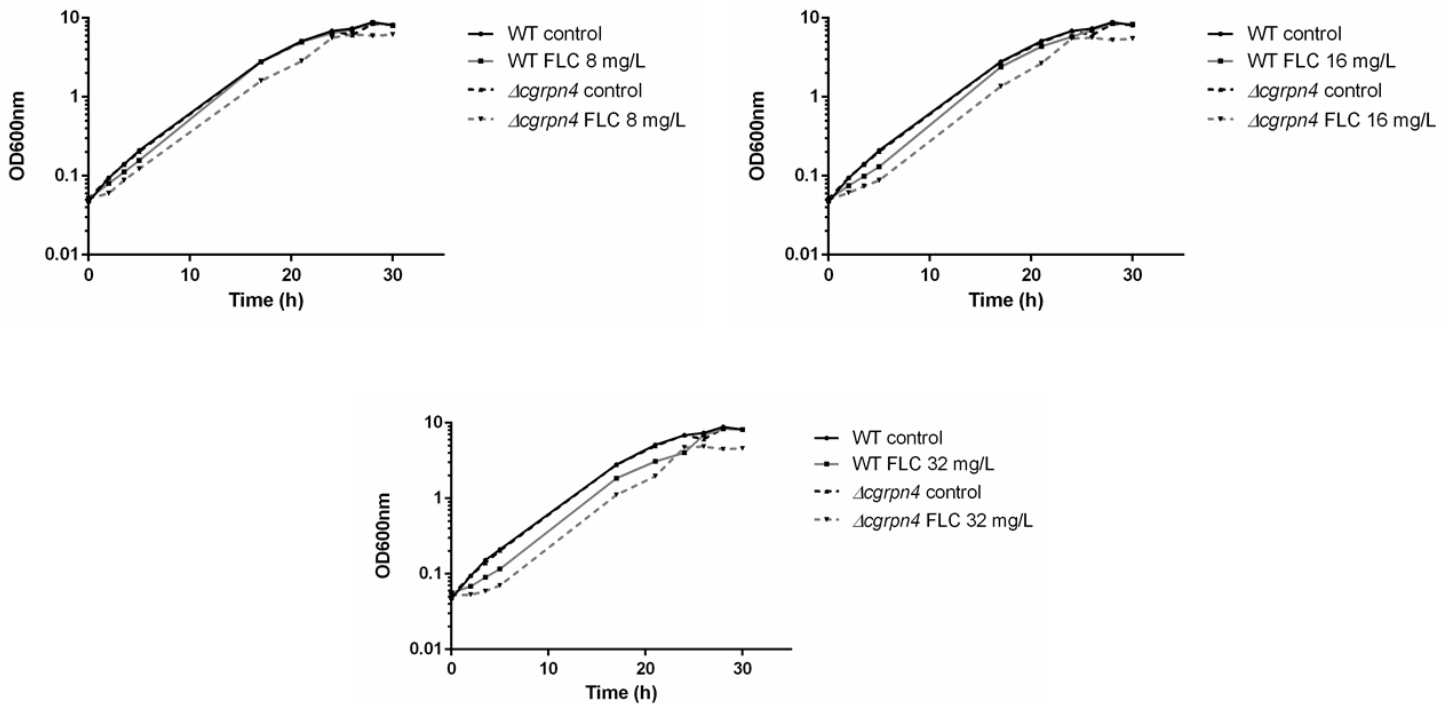
**Supplemental Figure S1 Growth experiments with relevant cell and fluconazole concentrations**

**Supplemental Table S1 List of differentially expressed genes in WT FLC/WT control samples**

**Supplemental Table S2 List of differentially expressed genes in *Δcgrp4* FLC/WT FLC samples**

**Supplemental Table S3 List of differentially expressed genes in *Δcgrp4* control/WT control samples**

**Supplemental Table S4 List of primers used in this study**



**Figure S1** – *CgRPN4* is required for adaptation to fluconazole stress in *C. glabrata*. Comparison of the susceptibility of KUE100 and KUE100\_  $\Delta cgrpn4$  strains during cultivation in liquid BM in the presence of varying concentrations of fluconazole. Cells were grown to mid-exponential phase in BM and then transferred to fresh medium (control) or to fresh medium containing 8, 16 or 32 mg/L fluconazole (OD600<sub>nm</sub> = 0.05). Growth curves are representative of at least 2 independent experiments.

**Supplemental Table S4 List of primers used in this study**

Primer Name/Function	Primer sequence
<i>CgHIS3</i> replacement cassette	Fw - 5'- TATATAAAGGAGCACTGGTGGCGGTGGTGGCAATTCTATTA AAACTTTCTCTCGAG GGCCGCTGATCACG-3' Rv - 5'- AAAAAAAATTATAATGATGTATCCGAAATTTTAAAAGAAATTTGAATGATGTTGGC ATCGTGAGGCTGG-3'
<i>CgRPN4</i> deletion confirmation	Fw - 5'-GATTTGGGACTGAAGAGG-3' Rv - 5'-ATAGTCCACATCGTCGTAG-3' Check - 5'-TCCCTTCTGATGTGGTGGC-3'
Cloning of <i>CgRPN4</i> in pGREG526/576	Fw - 5'- GAATTCGATATCAAGCTTATCGATACCGTCGACAATGACGTCTATAGATTTGGGAC-3' Rv - 5'- GCGTGACATAACTAATTACATGACTCGAGGTCGACTTATGCAGTGACAAATCCGATG- 3'
Cloning of <i>MTI</i> promoter in pGREG576	Fw - 5'- TTAACCTCACTAAAGGGAACAAAAGCTGGAGCTCCTGTACGACACGCATCATGTGG CAATC-3' Rv - 5'- GAAAAGTTCTTCTCTTTACTCATACTAGTGC GGCTGTGTTTGTGTTTGTATGTGTTTG TTG-3'
Cloning of <i>PDC1</i> promoter in pGREG526	Fw - 5'- TTAACCTCACTAAAGGGAACAAAAGCTGGAGCTAGCATTTTTATACACGTTTTAC-3' Rv - 5'- ACCGTTAATTAACCGGGGATCATACTAGTGC GGCTGTTAATGTTTTTGGCAATTG- 3'
Cloning of <i>CgERG11</i> promoter in pYEP354	Fw - 5'-CCGGAATTCGGTCGACTACTTCAAGGCTA-3' Rv - 5'-AACTGCAGCTTCAGTGGACATGTTATTGT-3'
<i>CgERG11</i> promoter mutagenesis in pYEP354	Fw - 5'-GAGTGACATCTTTGTTAGCCCTTCCCATC-3' Rv - 5'-GATGGGAAGGGCTAACAAAGATGCTACTC-3'
<i>CgERG11</i> gene expression measurement	Fw - 5'-GCCATTGGCGCAGAGAGT-3' Rv - 5'-GCCATGTGATGGTGTACACAAAT-3'
<i>lacZ</i> gene expression measurement	Fw - 5'-TGGCTGGAGTGCATCTTC-3' Rv - 5'-CGTGCATCTGCCAGTTTGAC-3'
<i>CgRDN25</i> gene expression measurement	Fw - 5'-AACAACTACCGGCCGAAT-3' Rv - 5'-CAAGCGTGTTACCTATACTCCGCCGTCA-3'
<i>CgERG11</i> promoter amplification after CHIP	Fw - 5'-CTGCACCAAACGACATGAGA-3' Rv - 5'-GTGCTGAGCAAAGGCCATAA-3'