

Article

# Transcriptional Reprogramming of *Candida tropicalis* in Response to Isoespintanol Treatment

Orfa Inés Contreras Martínez<sup>1\*</sup>, Alberto Angulo Ortiz<sup>2</sup>, Gilmar Santafé Patiño<sup>2</sup>, Katia Aviña-Padilla<sup>3</sup> María Camila Velasco Pareja<sup>4</sup> and María Fernanda Yasnot<sup>4</sup>

<sup>1</sup>Biology Department, Faculty of Basic Sciences, University of Córdoba, Montería 230002, Colombia

<sup>2</sup>Chemistry Department, Faculty of Basic Sciences, University of Córdoba, Montería 230002, Colombia

<sup>3</sup>Center for Research and Advanced Studies of the I.P.N Unit Irapuato, Irapuato 36821, Mexico

<sup>4</sup>Bacteriology Department, Faculty of Health Sciences, University of Córdoba, Montería 230002, Colombia

\* Correspondence: oicontreras@correo.unicordoba.edu.co

## Supplementary Materials

**Table S1.** List of real-time qPCR primers

Genes	Sequences
<i>ERG6</i>	<p>fwd: 5'-CAG.TCT.TGG.AAG.GTG.TCT.ACT.C-3'</p> <p>rev: 5'-GGT.GTT.CTT.CGT.TGG.TTT.CAT.C-3'</p>
<i>KRE1</i>	<p>fwd: 5'-GCA.GAT.GAA.ACC.ACA.TCA.TCA.TC-3'</p> <p>rev: 5'-CAT.CAG.TAC.CTG.TTA.CCC.AAA.CTA-3'</p>
<i>CTRG_03786</i>	<p>fwd: 5'-GGT.GGT.ACT.GAT.ACC.GTT.GTT-3'</p> <p>rev: 5'-GTG.GGT.TGG.TGT.AGG.TGA.TAG-3'</p>
<i>ACTIN-1</i>	<p>fwd: 5'-GAC.CGA.AGC.TCC.AAT.GAA.TC-3'</p> <p>rev: 5'-AAT.TGG.GAC.AAC.GTG.GGT.AA-3'</p>

**Table S2.** RNA extraction of *C. tropicalis*. Quality control total RNA extracted from Zoea-type larvae of *Callinectes sapidus*

Sample Code	Purified RNA [ng/uL]	Final volume (uL)	Total purified RNA [ug]
RNAISO	29,51	27	0,797
RNAINO	32,701	24	0,785

RNAISO: ISO treated Yeast; RNAINO: untreated yeast used as control

**Table S3.** NGS sequencing by RNA-seq of *C. tropicalis*

Sample	Total reads	Clean reads %
RNAISO	40451606	94.9
RNAINO	26484468	97.6

**Table S4.** Mapping of transcriptomes obtained by RNA-seq

	RNAISO	RNAINO
Number of input reads	19832040	13126552
Average input read length	292	297
Uniquely mapped reads number	16219548	11109083
Uniquely mapped reads %	81.78%	84.63%
Average mapped length	288.70	294.30