

## **SUPPORTING INFORMATION**

### **A multifunctional Trypsin Protease Inhibitor from Yellow Bell Pepper Seeds: Uncovering its Dual Antifungal and Hypogly-cemic Properties**

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## SUPPLEMENTARY TABLES

**Table S1:** Evaluation of the antibacterial activity of *Capsicum annuum* L. crude extract (YBPCE) and heat-treated sample (YBPHT).

Pathogenic Organism	Inhibition	
Gram negative bacteria	YBPCE	YBPHT
<i>Escherichia coli</i> (ATCC 25923)	n/d	n/d
<i>Klebsiella pneumonia</i> (ATCC 700603)	n/d	n/d
<i>Pseudomonas aeruginosa</i> (ATCC 27853)	n/d	n/d
Gram positive bacteria		
<i>Enterococcus faecalis</i> (ATCC 29212)	n/d	n/d
<i>Staphylococcus aureus</i> (ATCC 29213)	n/d	n/d
Fungus		
<i>Candida albicans</i> (CIPROVE)	20 mm	22 mm
<i>Candida tropicalis</i> (CIPROVE)	17 mm	19 mm
<i>Candida glabrata</i> (CIPROVE)	11 mm	8 mm
<i>Candida krusei</i> (CIPROVE)	27 mm	28 mm
<i>Rhodotorula spp</i> (CIPROVE)	15 mm	20 mm
<i>Saccharomyces cerevisiae</i> (CIPROVE)	21 mm	28 mm

<sup>a</sup> Abbreviations are: ATCC, American Type Culture Collection; CIPROVE, Culture collection of the CIPROVE, Facultad de Ciencias Exactas, Universidad Nacional de La Plata. NM, Not detected.