

Supplementary Data

Synergism between the antidepressant sertraline and caspofungin as an approach to minimise the virulence and resistance in the dermatophyte *Trichophyton rubrum*

Table S1. Primer sets used for real-time quantitative reverse transcription polymerase chain reaction (RT-qPCR).

Protein/gene	ID	Primer sequences (5'-3')	Efficiency (%)	Concentration (nM)
C-8 sterol isomerase	TERG_06755	Fwd: GGTGGGCTTTAGAGTTAG Rev: GCAGTCAAGTAGCAAGTC	110	200
Hydrophobin	TERG_04234	Fwd: GGCATACATCTTGGTGGTTTC Rev: CAGACAGTGGAGGTGGATGTT	103	300
MFS multidrug transporter	TERG_00162	Fwd: CTCCTTTGGACCTTTGATCG Rev: TGACGAAGAGAACGTTGCAG	102	100
Chitin synthase 2	TERG_12319	Fwd: AGCCAACTGCCTTGTACCAT Rev: GTAATCCGACCCATCCCTTT	103.5	200
<i>rpb II</i>	TERG_05742	Fwd: TGCAGGAGCTGGTGGAAAGA Rev: GCTGGGAGGTACTGTTGATCAA	94.99	300
<i>gapdh</i>	TERG_04402	Fwd: GCGTGACCCAGCCAACA Rev: CGGTGGACTCGACGATGTAGT	99.90	200

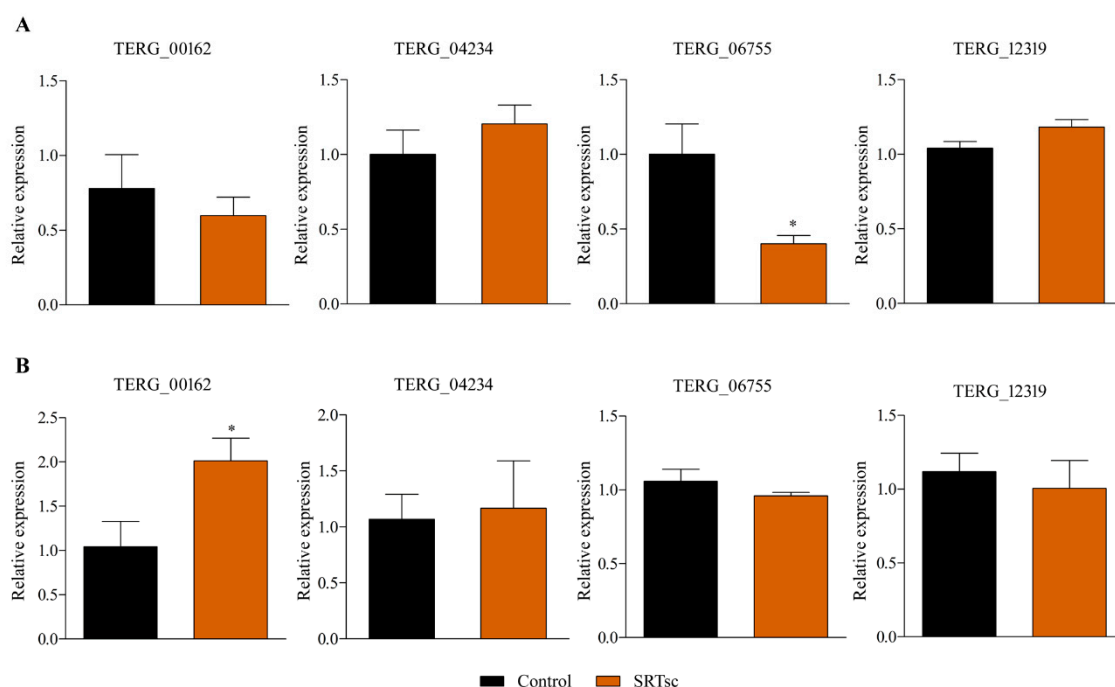


Figure S1. Expression of *TERG_00162* (MFS multidrug transporter), *TERG_04234* (Hydrophobin), *TERG_06755* (C-8 sterol isomerase), and *TERG_12319* (Chitin synthase 2) following SRTsc exposure. Asterisks indicate statistical significance determined by the t-test, compared to the control (SB absence drug) at 3 h (A) and 12 h (B); *P < 0.05.

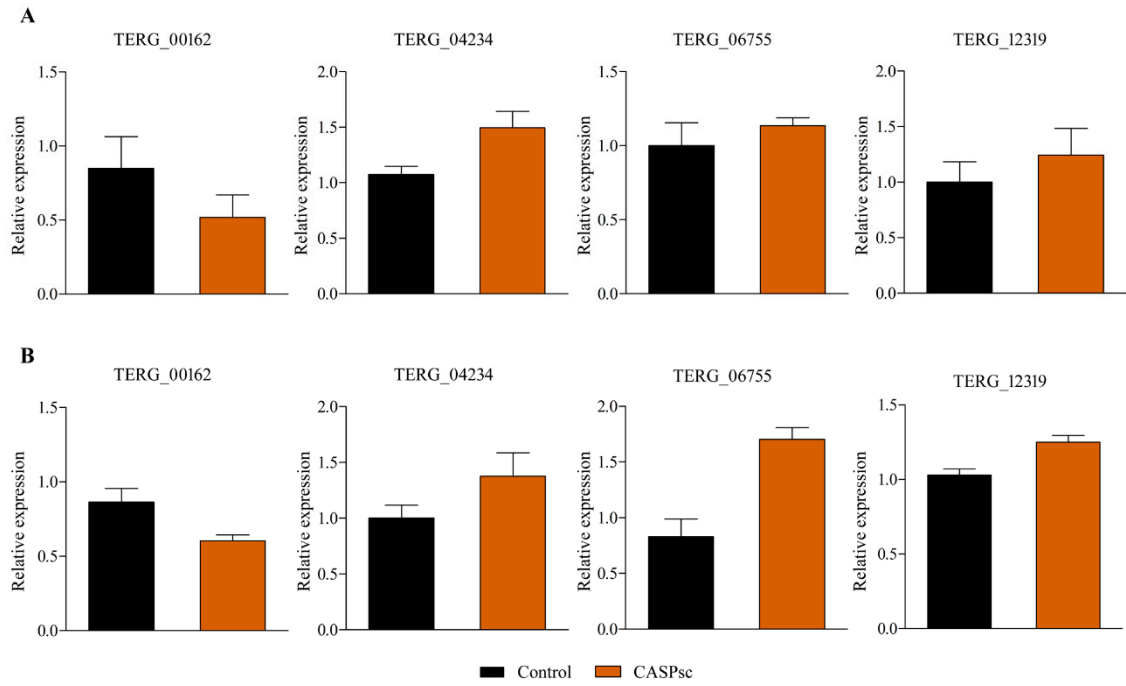


Figure S2. Differentially expressed genes, *TERG_00162* (MFS multidrug transporter), *TERG_04234* (Hydrophobin), *TERG_06755* (C-8 sterol isomerase), and *TERG_12319* (Chitin synthase 2), following exposure to CASPsc when compared to the control (SB absence drug) at 3 h (**A**) and 12 h (**B**).