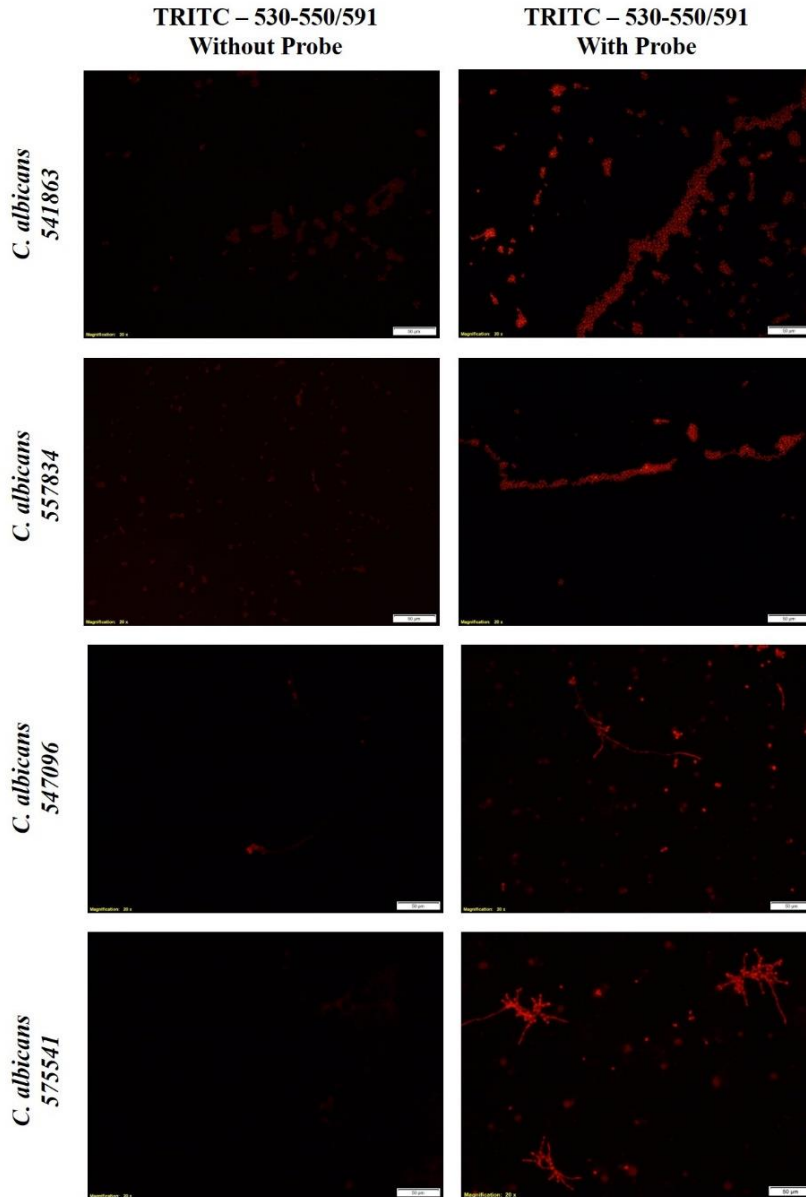**Supplemental Information**

Application of 2′-*O*MethylRNA′ Antisense

Oligomer to Control *Candida albicans*

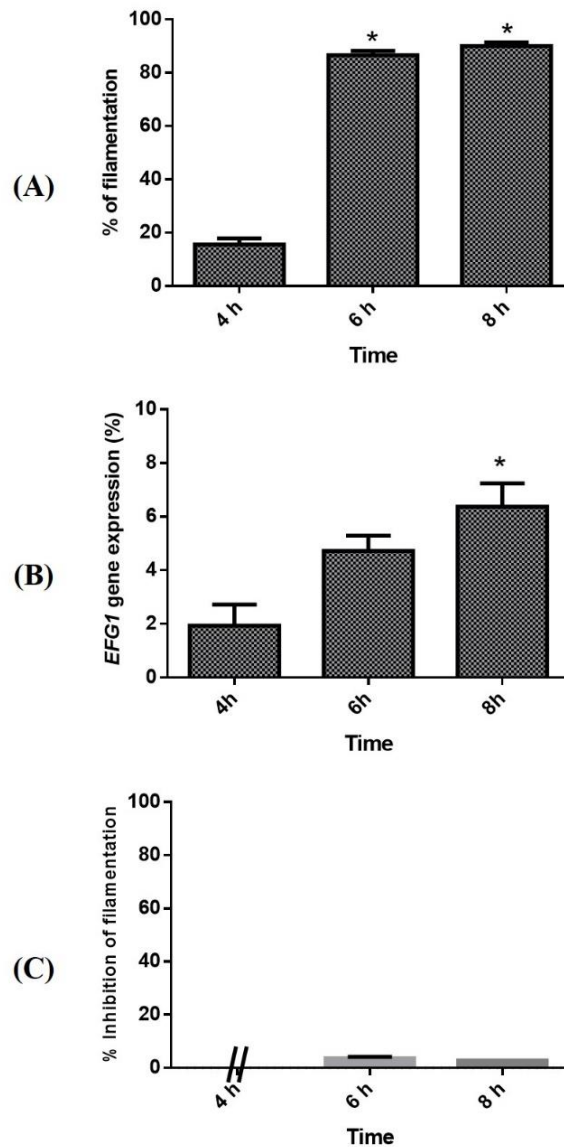# *EFG1* Virulence Determinant

Daniela Araújo, Nuno Miguel Azevedo, Ana Barbosa, Carina Almeida, Maria Elisa Rodrigues, Mariana Henriques, and Sónia Silva
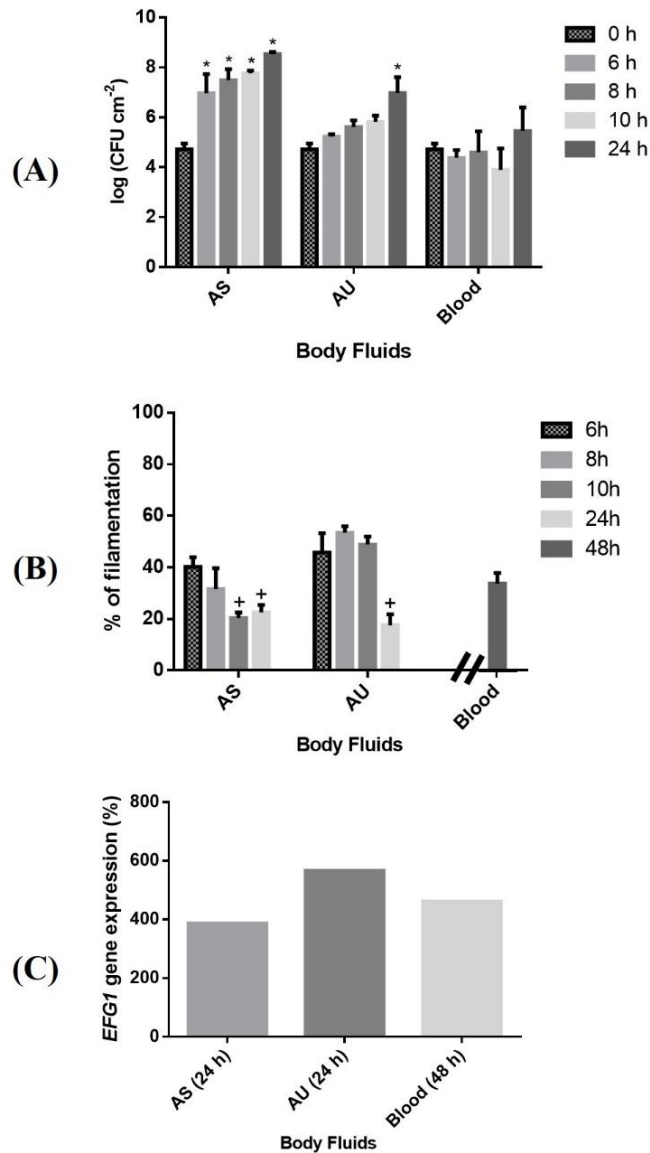
1

2 **Supplementary material 1. Anti-***EFG1* **2'OMe** *Candida albicans* **strains sensitivity obtained by**

3 **fluorescence** *in situ* **hybridization (FISH).** The images were obtained by epifluorescence

4 microscopy with the same exposure time for cells incubated in absence and presence of ASO.

5 The values of exposure time used varied between 32.05 ms and 340.7 ms. Negative controls

6 were prepared only with 20 μL of hybridization solution without probe.

7

Supplementary material 2. **(A)** Percentage of filamentous forms (%) of *Candida albicans* SC5314 at different time points (4, 6 and 8 h) in RPMI (Without ASO); **(B)** Percentage of *EFG1* gene expression obtained from *Candida albicans* SC5314 at different time points (4, 6 and 8 h) and **(C)** Percentage of inhibition of filamentous forms (%) at different time points (4, 6 and 8 h) with 40 nM of scrambled ASO in RPMI. Error bars represent standard deviation. *Significantly differences between 4 h and the other times tested ($p < 0.05$).

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Supplementary material 3. (A) Number of cultivable cells (log CFUs cm^{-2}) at different time points
(0, 6, 8, 10 and 24 h); **(B)** Percentage of filamentous forms (%) at different time points (6, 8, 10,
24 and 48 h) and **(C)** Percentage of *EFG1* gene expression in different simulated human body
fluids (AS, AU at 24 h and horse blood at 48 h); without ASO obtained from *Candida albicans*
SC5314. Error bars represent standard deviation. *****Significantly differences between 0 h and
the other times tested (p<0.05). **+** Significantly differences between 6 h and the other times
tested (p<0.05).