

1 **SUPPLEMENTAL MATERIAL**

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3 **Figure S1. Global differential gene expression induced over time following *C.***
4 ***albicans* or PBS sham challenge of Reconstituted Vaginal Epithelium (RVE).** Three
5 independent RVE were challenged with *C. albicans* or mock infected with PBS for 6 or
6 24 h and differential gene expression (\geq 2-fold change) was assessed by microarray
7 analysis. Volcano plots depicting log₂ fold expression changes of genes (blue dotted
8 lines) at $p < 0.001$ (red dotted line) between **(A)** PBS treatment or **(B)** *C. albicans*
9 infection between 6 and 24 h time points. **(C)** After adjusting for p-value and false
10 discovery rate (fdr, $p < 0.01$), Venn-diagram plot depicts absolute number of genes
11 expressed between PBS sham (red) and *C. albicans* infection (green).

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13 **Table S1. List of genes differentially expressed during *C. albicans* infection of**
14 **vaginal epithelial cells.** All genes differentially expressed (\geq 2-fold change) between *C.*
15 *albicans* and mock challenge at 6 h and 24 h are listed. Fold changes are reported as
16 the average from three independent RVE samples.

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18 **Table S2. Proprietary qPCR primers used to analyze gene expression in murine**
19 **vaginal tissue.**

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