**Supplementary Table S1.** Primers used in the study.

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| --- | --- | --- | --- |
| **Gene**  | **Forward primer** | **Reverse primer** | **Ref** |
| *CCL20* | 5’-TTGCTCCTGGCTGCTTTG-3’ | 5’-ACCCTCCATGATGTGCAAG-3’ | [1,2] |
| *GAPDH* | 5’-TGCAGACCACAGTCCATGCCA-3’ | 5’-CCCTGTTGCTGTAGCCAAATT-3’ | [1,2] |
| *IL8* | ﻿5’-ATG ACTTCCAAGCTGGCCGTGGCT | ﻿5’-CAGCCAGTGTTGTGATTGCT-3’ | [2] |
| *MUC1* | 5’-TGCCTTGGCTGTCTGTCAGT-3’ | 5’-GTAGGTATCCCGGGCTGGAA-3’ | [1,2] |
| *MUC3* | 5’-CCTCATTGCAAACTTCACTC-3’ | 5’-AGCCCACATTTTCTGTACTG-3’ | [1,2] |
| *MUC4* | 5’-CAGCCTCTGCCAGCACCTCACCTG-3’ | 5’-GGAGGGGTTTGATGAAAACCTT GTCGTCTCTCC-3’ | [1,2] |
| *MUC20* | 5’-ATCCCGAGGAAGCCATCTTTGACA-3’ | 5’-TTCTGTGGAGGTGTGAGCCAATGT-3’ | [2] |
| *TNF* | ﻿5’-CTCAACCTCTTCTGGCTCAAA  | 5’GTCAGGGATCAAAGCTGTAGG-3’ | [1,2] |

**Supplementary References**

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2. Laniewski P, Gomez A, Hire G, So M, Herbst-Kralovetz MM. Human three-dimensional endometrial epithelial cell model to study host interactions with vaginal bacteria and Neisseria gonorrhoeae. Infect Immun. **2017**; 85(3):1–15.