**Supplementary Table 1**

| Cervix biopsy code | Target Name | Copies/reaction | Target Name | Copies/reaction |
|--------------------|-------------|-----------------|-------------|-----------------|
| C8.1               | HSV         | 4.43            | beta globin | 4,396.93        |
| C8.2               | HSV         | Undetectable    | beta globin | 2,784.81        |
| C7.2               | HSV         | 2.35            | beta globin | 3,932.73        |
| C5                 | HSV         | Undetectable    | beta globin | 4,613.65        |
| C1                 | HSV         | Undetectable    | beta globin | 6,074.39        |
**Supplementary Figure 1.** H&E staining of the human cervix (C5 and C9).
Supplementary Figure 2. Double immunofluorescent staining of cervix biopsies (C5 and C9) with CD8A and CD103 antibodies, or CD8A and CD69 antibodies. Images for the whole slides were shown. Scale bar = 100 um.