

Description of additional supplementary files

Supplementary Data 1. Sequence alignment of 9 types of HPV L1 genes.

Supplementary Data 2. Sequence alignment of amplification region.

Supplementary Data 3. Sequences of amplification region and HPV L1 genes.

Supplementary Data 4. Sequence alignment of Top 5 amplicons of the 9 HPV subtypes.

Supplementary Data 5. Sequences of RVP primers, crRNAs and genes.

Supplementary Movie 1. Sample injection.