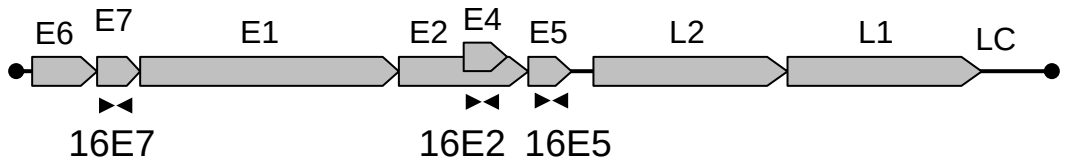
A

Primer name	Sequence	Direction	Position
16E7-U	5’-AAATGACAGCTCAGAGGAGGAG	Sense	645-666
16E7-L	5’-GAGTCACACTTGCAACAAAAGG	Antisense	728-749
16E2-U	5’-ACTATCCAGCGACCAAGATCAG	Sense	3464-3485
16E2-L	5’-TGTTAAATGCAGTGAGGATTGG	Antisense	3551-3572
16E5-U	5’-TTTGTGTGCTTTTGTGTGTCTG	Sense	3905-3926
16E5-L	5’-AGAGGCTGCTGTTATCCACAAT	Antisense	3993-4014

B



Supplementary Figure 3. Quantitative PCR primers of HPV16 early genes. (A) Oligonucleotide primers were designed using the Primer3 primer design program. (B) The HPV genomic position of each primer is indicated by an arrow.