

Figure S1. HPV-16 long control region entropy plot. A value of zero reflects site-specific conservation and higher values indicate increasing degrees of site-specific variation. Site-specific variations with a >0.4 entropy score are indicated and numbered according to the reference HPV-16 sequence K02718 A1. HPV, human papillomavirus.

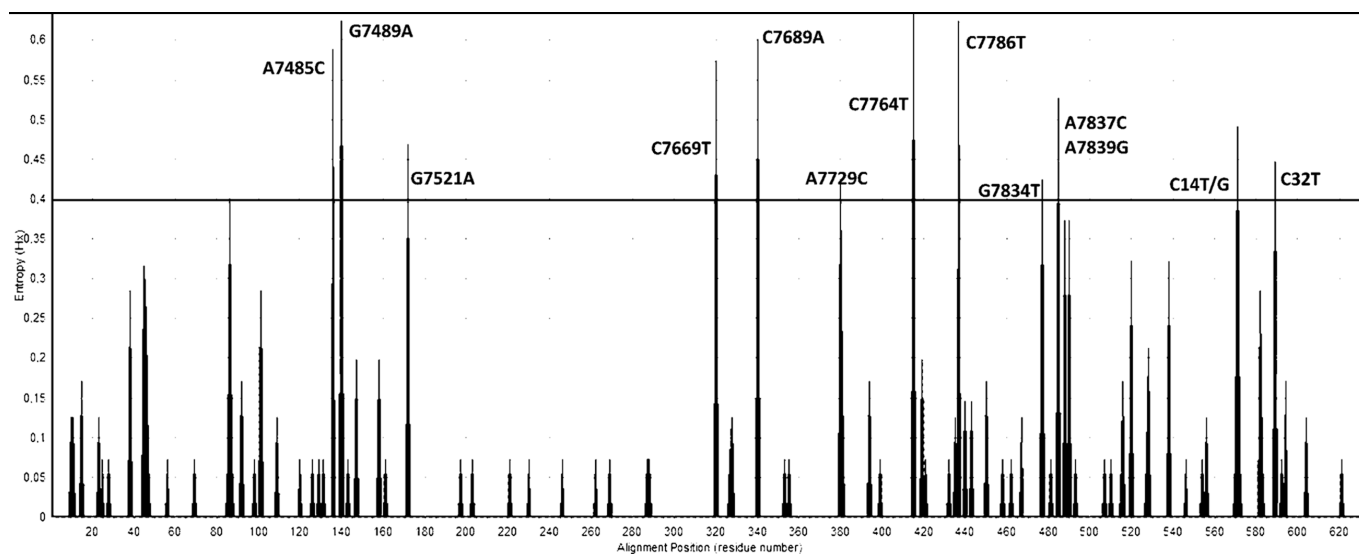


Figure S2. HPV-52 long control region entropy plot. A value of zero reflects site-specific conservation and higher values indicate increasing degrees of site-specific variation. Site-specific variations with a >0.4 entropy score are indicated and numbered according to the reference HPV-52 sequence X74481 A1. HPV, human papillomavirus.

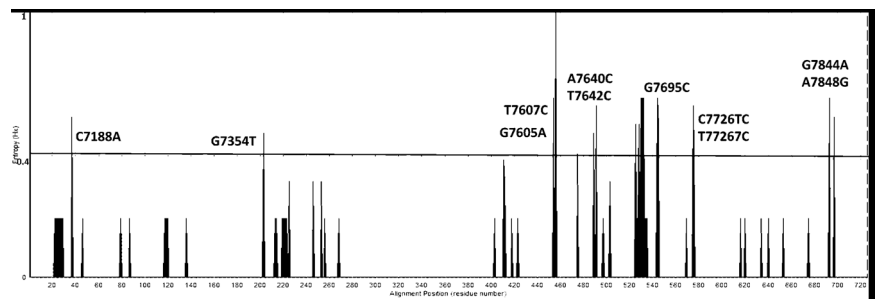


Table S1. Primer sequences and positions on the reference genomes used in the amplification protocols of the different targets.

Author, year	Target	Primer Name	Sequence (5'-3')	Position nt	Fragment	Sequence Ref	(Refs.)
Tanzi <i>et al.</i> , 2009	HPV-16 LCR	16-LCR-s	F: GCTTGTGTAACATAATTGTGTCA R: GTCCTGAAACAAITGCAGTTCT	7,289-7,309 93-114	730 bp	K02718	(17)
Zhang <i>et al.</i> , 2014	HPV-52 LCR	LCR-52, I round LCR-52, II round	F: GTCTGCATCTTTGGAGGACA R: TGGCTTAGCTACACTGTGTTC F: TTTGTTACAGGCAGGGCTAC R: CGTTTTGGTTACACCCCTA	6,920-6,939 54-75 7,090-7,109 10-29	1,150 bp 934 bp	X74481 X74481	(18)
Fрати <i>et al.</i> , 2011	HPV-16 L1	L1-16, fragment 1 L1-16, fragment 2	F: ATGTCCTCTTTGGCTGCCTAG R: GCATCAGAGGTAAACCATAGAAC F: CTATGGACTTTACTACATTACAGGCTA R: GTTTAGCAGTTGTAGAGGTAGATGA	5,613-5,633 6,524-6,546 6,195-6,222 7,076-7,101	911 bp 879 bp	AF536179	(19)
Fрати <i>et al.</i> , 2011	HPV-18 L1	L1-18, fragment 1 L1-18, fragment 2	F: ATGGCTWTTGTGGCGGCCTAG R: GAGTCAGAGGTAACAATAGAGC F: CCAYGGRCCTTTAGTACATTGCAAGATA R: GTTTAGAAAGACGTAGYGGCAGATGG	5,613-5,633 6,500-6,522 6,232-6,205 7,076-7,101	910 bp 869 bp	X05015	(19)

F, forward; R, reverse.