

Comparative analysis of HPV16 gene expression profiles in cervical and in oropharyngeal squamous cell carcinoma

Supplementary Material

Supplementary Table: PCR primers sequences used to amplify HPV16 cDNA ORFs, GAPDH cDNA and to exclude HPV16 genomic DNA contamination in cDNA samples.

Locus	Primers name	Sequences (5'-3')	Nucleotide Position (5')	Amplicon Size (bp)	Ta (°C)	References
ORFE2	HPV16E2F	AAGGACGGATTAAGTGTAA	3,581	201 bp	54.3	This study
	HPV16E2R	GTTGCCATTCATATCATAT	3,781			
ORFE4	HPV16E4F	CACACCACTAAGTTGTTG	3,508	92 bp	55.0	This study
	HPV16E4R	TTACAGTTAATCCGCCTT	3,599			
ORFE5	HPV16E5F	GCATCCACAACATTACTG	3,867	135 bp	55.3	This study
	HPV16E5R	TATCCACAATACTAATACCAATAG	4,000			
ORFE6	HPV16RNAF1F2	AAGTTACCACAGTTATGC	134	239 bp	54.5	This study
	HPV16RNAR1	TGTTCTAATGTTGTTCCAT	372			
ORFE6*I	HPV16E6sI-IIFor	AGGAGCGACCCAGAAAGTTA	120	107 bp	50.0	Pastuszak-Lewandoska, 2014
	HPV16E6sIRev	GCTTTTGACAGTTAATACACCTCAC	428			
ORFE6*II	HPV16E6sI-IIFor	AGGAGCGACCCAGAAAGTTA	120	123 bp	50.0	Pastuszak-Lewandoska, 2014
	HPV16E6sIRev	TACGTGTTCTTATGATCTCAGGTC	542			
ORFE7	HPV16E7F	ACAGAGCCCATTACAATA	704	110 bp	54.3	This study
	HPV16E7R	CATTAAACAGGTCTTCCAA	813			
ORFL1	HPV16L1F	GCACGGATGAATATGTTG	5,704	223 bp	55.3	This study
	HPV16L1R	CGCTGTGTATCTGGATTA	5,926			
ORFL2	HPV16L2F	ATAGTCGCACAACACAAC	4,917	92 bp	55.0	This study
	HPV16L2R	ATTATCCACATCTATACCTTCAT	5,026			
HPV DNA (P97)	HPV16DNAF2	TAGTCATACATTGTTTCAT	7,811	391 bp	54.5	This study
	HPV16DNAR1R2	TTATCACATACAGCATAT	297			
GAPDH	GAPDHs	TTTAACTCTGGTAAAGTG	170	149 bp	45.0	This study
	GAPDHs	ATTTCCATTGATGACAAG	319			

Nucleotide positions of primers used for HPV16 genes amplifications are given on the GenBank sequence number K02718.1. Nucleotide positions of primers used for GAPDH amplifications are given on the GenBank sequence number AF261085.1.

