

Supplement 1. The primers for polymerase chain reaction

Primer	Oligonucleotide sequence	Primer	Oligonucleotide sequence
HPV 6-F	GCCACGGATGCTTATGTTA	HPV 6-R	CTTACGTTTAGGGGAGCAG
HPV 11-F	TGTTGCCAGATCCTAACAAAGTTT	HPV 11-R	TTTGCAATAAAAACTTACGTCCAA
HPV 16-F	TTGCCTCCTGTCCCAGTATC	HPV 16-R	TTTTGGTTTGGCCTTCAATC
HPV 18-F	TCTTCCACCTCCTTCTGTGG	HPV 18-R	AGTGGCAGATGGAGCAGAAC
HPV 30-F	GTTCCAAGGTGTCTGCATT	HPV 30-R	GGACACAACCGCACCTTAG
HPV 31-F	GGCAGTGCTAGGCTGCTTAC	HPV 31-R	GCTGAGGGTGCCTACGTTT
HPV 32-F	TGCAGTATAGAGTATTTAGGGTTAGGC	HPV 32-R	GCGTTTTGCAGGAGAAGAAG
HPV 33-F	TTGGATTTCTGACACCTCC	HPV 33-R	AGGGAAATAAAGGTAGGTACATTGC
HPV 35-F	AGATGTCTCTGTGGCGGTCT	HPV 35-R	CTGGCCTTTAGTCTGCTTG
HPV 39-F	AGCAGGACATTCCAAGGTG	HPV 39-R	GTCACAGGGTGTGCAATCAC
HPV 40-F	TAGGGTACGTTTGCCTGACC	HPV 40-R	CATACACAGTACCATACGGACACAT
HPV 42-F	ACCATGCCAGCAGTTCTAGG	HPV 42-R	GCTGTAGACGCTTTTCGTTT
HPV 43-F	TGTGCAACGCACCAACTTAT	HPV 43-R	GGCAGACGTAGAGGAGGATG
HPV 44-F	GCCTAAGGTTTCGGGATTTCC	HPV 44-R	ACCCACACGAACAGAGGAAC
HPV 45-F	TATCCGCATATCAGTATAGGGTGT	HPV 45-R	TACATGCCACAAGGCACATT
HPV 51-F	TGCAGGCAGTTCCAGACTAA	HPV 51-R	TTGGCTGAAGAGGAAGAGGA
HPV 52-F	CCACTGTGTACCTGCCTCCT	HPV 52-R	ATGCAGGGCGTTTTAGTTTG
HPV 53-F	GTCTGCATTTAGTATAGGGTGT	HPV 53-R	TTATGCAACCACGCGTAAAA
HPV 54-F	TACCTGCCTCCTACCCAGT	HPV 54-R	GCGCTGTACCTTTAGAGGAG
HPV 55-F	TGGGTTGGAAGTGGGTAGAG	HPV 55-R	CGTTTGGGTTTACTGGAGGA
HPV 56-F	GATTGCTTGCCGTAGGACAT	HPV 56-R	CACAACAACACACTACCGCC
HPV 58-F	GACTTTTGGCTGTTGGCAAT	HPV 58-R	GATGGTGCACGGGTAGTAGG
HPV 59-F	CCCAATAAATTTGGCCTTCC	HPV 59-R	TTTTGGTGTGGGGTAGAGG
HPV 62-F	ACCTGATGCAACCTTATATAATCCA	HPV 62-R	TTACTTCCTGCGCTTTCGTT
HPV 66-F	TAGGGTACGTTGCCTGATC	HPV 66-R	AGAGGAAGAGGTAGGAGCCG
HPV 67-F	GGTGTAGTGCCCAAGGTGT	HPV 67-R	TTACTCATTGGGTGCAACCA
HPV 68-F	AAGCAGGGCATTCCTAAGGT	HPV 68-R	CAACATACCAACCAACATGAC
HPV 69-F	TGGGTCATCCCTATTTCCA	HPV 69-R	AAGAAGCTGGACGTTTGGTG
HPV 70-F	CCGCAAGCAGGAAATACCTA	HPV 70-R	CACACGTTTCCGTTTGTGTT
HPV 72-F	ACAATCCAGATACTGAACGGCT	HPV 72-R	TGACACTGAAACAGCCCTAGAA
HPV 81-F	TGAAGCTCCCTGACCCTAATAA	HPV 81-R	ACCCAGACTGCAACAAAACTT
HPV 82-F	GACCCCAACAAATTTGGTCTT	HPV 82-R	TGGCTGAAGAGGAAGAGGAA
HPV 84-F	GTCCATTTACCTGACCCCAATA	HPV 84-R	CAAATGGCACACACAGAGATT
HPV 90-F	AGTGGTTCCCAAGGTGTCTG	HPV 90-R	CGTTTGGACCGTTTACGTTT
HPV 91-F	GCGCACCAACTTATTTTACCA	HPV 91-R	CTGAACTGGAGGATGGTGCT

HPV, human papillomavirus.