

Table S1 Primers used for 5'RACE, contigs authentication, and riboprobes preparation.

Primer name	Primer sequence	Primer sense	Primer specific to	nt coordinates of primers
5'RACE				
HPV-1 5'RACE-GSP-1	5' GAGTTGATTAAGGCAACGCTAGAA 3'	Minus-sense	RNA 1	532 to 509
HPV-1 5'RACE-GSP-2	5' GTGAAAGTATCCCGAGTGATGGGAGT 3'	Minus-sense	RNA 1	441 to 416
HPV-2 5'RACE-GSP-1	5' CTTACAGATCCAGGACTTATGTCAAT 3'	Minus-sense	RNA 2	517 to 492
HPV-2 5'RACE-GSP-2	5' CAGACAAACCAACAGGCACAATTAC 3'	Minus-sense	RNA 2	454 to 429
HPV-3 5'RACE-GSP 1	5' GAGTTAAAGGTCAAATATGAGCATGA 3'	Minus-sense	RNA 3	628 to 603
HPV-3 5'RACE-GSP2	5' GTGGCACCTATGGTCAGACAAAGTC 3'	Minus-sense	RNA 3	592 to 569
HPV-4 5'RACE-GSP 1	5' GAATAGAGGAAGTAAATGACATAG 3'	Minus-sense	RNA 4	537 to 514
HPV-4 5'RACE-GSP2	5' CAGATTAAGTATTTTATCCTATAAGTTC 3'	Minus-sense	RNA 4	465 to 438
HPV-5 5'RACE-GSP-1	5' CAATCAGTACCGCAGATTTAAACAA 3'	Minus-sense	RNA 5	593 to 570
HPV-5 5'RACE-GSP-2	5' GAATATATCGGAGACCGTTAGAGATGG 3'	Minus-sense	RNA 5	508 to 482
HPV-6 5'RACE-GSP-1	5' AGAAGTCAGAGCAGTGAATGTAATA 3'	Minus-sense	RNA 6	462 to 438
HPV-6 5'RACE-GSP-2	5' GTGAGGAAGCATTCAAGACTGGA 3'	Minus-sense	RNA 6	274 to 252
HPV-7 5'RACE-GSP-1	5' TCGGATCTGTTGAAATGGACTAC 3'	Minus-sense	RNA 7	509 to 487
HPV-7 5'RACE-GSP-2	5' GATCAATATGGCAAGTGCAGAGAAT 3'	Minus-sense	RNA 7	453 to 429
HPV-8 5'RACE-GSP-1	5' CATAAAATCCA AAAATCATCAT 3'	Minus-sense	RNA 8	410 to 399
HPV-8 5'RACE-GSP-2	5' TCATCATCATTACAAAATTGTAC 3'	Minus-sense	RNA 8	393 to 371
Contigs 19, 29, and 12 authentication				
H-9	5' GTGTCCATCACCTGAAGAACTTA 3'	Plus-sense	RNA 6	60 to 82
H-10	5' CAGGAGAAGTTTGATGATGTTGATG 3'	Minus-sense	RNA 6	662 to 638
H-15	5' ATCAAGAGCGATAGGAGGATTG 3'	Plus-sense	RNA 6	984 to 1005
H-16	5' GGGAGAGGATCTAAAGAGTGATG 3'	Minus-sense	RNA 6	1482 to 1459
H-1	5' TTCTCTGCACTTGCCATATTGATCTTG 3'	Plus-sense	RNA 7	430 to 456
H-4	5' TGACAGTGATGATGATTTGAAACAGA 3'	Minus-sense	RNA 7	1153 to 1127
H-3	5' CCAAACCAGCCAGTGGAAATATTCATCA 3'	Plus-sense	RNA 7	656 to 682
H-2	5' TTTGTGAGCAGGCTGAATCTGACAGTG 3'	Minus-sense	RNA 7	1172 to 1146
H-5	5' CTTGACCTATTGTTGACATTCT 3'	Plus-sense	RNA 8	736 to 759
H-8	5' CATCTGTGCAAGCACGTAATAA 3'	Minus-sense	RNA 8	1275 to 1253
H-7	5' CAGGTTGTTGTTTGTGCATACG 3'	Plus-sense	RNA 8	814 to 835
H-6	5' CATCAGTGAATTGGAGAAGAATGTAG 3'	Minus-sense	RNA 8	1223 to 1198
HPV-R	5' AACAATGACATAGCAATTACCTCAGCA 3'	Plus-sense	RNA 3	648 to 674
HPV-F	5' GATGGCTGGCACATAGTTGTTGCATA 3'	Minus-sense	RNA 3	1057 to 1032
Riboprobes preparation				
H-28	5' GGATTTAGGTGACACTATAGGCTCGAGTGTGAATCCAGAGGTGTTGTA 3'	Plus-sense	RNA 1	6319 to 6340
H-29	5' GGTAATACGACTCACTATAGGCCATGGTTCCAACCCTGCTAAGAAGAAG 3'	Minus-sense	RNA 1	6887 to 6866
H-30	5' GGATTTAGGTGACACTATAGGCTCGAGCCACATGAGGCACAGACATAAG 3'	Plus-sense	RNA 2	1135 to 1156
H-31	5' GGTAATACGACTCACTATAGGCCATGGTCAACTGCTGTGGGAACAA 3'	Minus-sense	RNA 2	1816 to 1798
H-32	5' GGATTTAGGTGACACTATAGGCTCGAGCCCTATGCTTGATCTGTCCCTT 3'	Plus-sense	RNA 3	470 to 491
H-33	5' GGTAATACGACTCACTATAGGCCATGGTCGTCGGTTGATGGTTTCTC 3'	Minus-sense	RNA 3	1099 to 1080
H-34	5' GGATTTAGGTGACACTATAGGCTCGAGCAATGAAGGTCTGGAGCTGAT 3'	Plus-sense	RNA 4	757 to 777
H-35	5' GGTAATACGACTCACTATAGGCCATGGAGGCAGTTGTTAATGGTTTG 3'	Minus-sense	RNA 4	1407 to 1387
H-36	5' GGATTTAGGTGACACTATAGGCTCGAGCATGTCATCACCCCTCAACTTA 3'	Plus-sense	RNA 5	892 to 912
H-37	5' GGTAATACGACTCACTATAGGCCATGGCCTATACCAAGAAGCACTC 3'	Minus-sense	RNA 5	1350 to 1330
H-42	5' GGATTTAGGTGACACTATAGGCTCGAGAGGTGGAAATTCACGCCTGG 3'	Plus-sense	RNA 6	231 to 250
H-43	5' GGTAATACGACTCACTATAGGCCATGGGCATTGACTTTGCTCGTGACA 3'	Minus-sense	RNA 6	1201 to 1181
H-38	5' GGATTTAGGTGACACTATAGGCTCGAGGTTTGTACCAAACAGCCAG 3'	Plus-sense	RNA 7	648 to 668
H-39	5' GGTAATACGACTCACTATAGGCCATGGAGCAGGCTGAATCTGACAGTG 3'	Minus-sense	RNA 7	1166 to 1146
H-40	5' GGATTTAGGTGACACTATAGGCTCGAGTTACCGATGTGATGACTGTGGG 3'	Plus-sense	RNA 8	679 to 697
H-41	5' GGTAATACGACTCACTATAGGCCATGGAACCGTCATCATCAGTGAATTGG 3'	Minus-sense	RNA 8	1232 to 1210

XhoI and BamHI restriction sites in the plus- and minus-sense primers used for riboprobes preparation are indicated with bold and bold-italics, respectively.

SP6 and T7 RNA polymerase promoter sequences in the plus- and minus-sense primers used for riboprobes preparation are indicated with italics and italics-underlined, respectively.

