

TABLE S1 Primers used for RT-PCR analysis of splice junctions

Expt ^a	ORF	Splice sites ^b	Primer location (5'-3')	Primer sequence (5'-3')
01	ORF1	D-1938 A-1810	2037-2018 1711-1730	ATGTGGACAGTGATCCAGTG GGTCCACCACGGAGCGATGA
02	ORF1	D-3138 A-2852	3237-3218 2753-2772	CCACAGAACGCCCGTTACCC TGGAATCCACCAGTCCGCAA
03	ORF10	D-14481 A-12487	14560-14541 12368-12387	AAACCAACAAAATCGGCAAA GAGCATCTCTCGCTCGGAAG
04	ORF10	D-15971 A-14866	16070-16051 14767-14786	TCAGCCATAGGCATTTGCAC TTCGTTTCAACCAAAAAAGT
05	ORF10	D-16289 A-16187	16388-16369 16088-16107	AGTGGAGTCGTTGATGAACC ATGTGGGATCCATTCCGATC
06	ORF10	D-26117 A-16702	26216-26197 16603-16622	GTGACGGTAGCTTATCGAGG CTTTCACAGTCATCAGAGGC
07	ORF19	D+26343 A+27106	26244-26263 27205-27186	CGGCCAGTCACCAACATTCT GGTCTTCATCAGGTCCACCG
08	ORF19	D+26544 A+27106	26445-26464 27205-27186	TTACAGTTTCGCAAAAAATGG GGTCTTCATCAGGTCCACCG
09	ORF25	D+37903 A+38024	37804-37823 38123-38104	CTCGCTTCCACGAGCTCCAG CTTCGTACCGTCTTCGTAG
10	ORF29	D-44470 A-43244	44569-44550 43145-43164	TCTGAGAGTTTGTGCGGCTT GAGGACCTCTGAAATCGCGC
11	ORF29	D-46317 A-43244	46416-46397 43145-43164	CCTATTGCATTGCCGATCAG GAGGACCTCTGAAATCGCGC
12	ORF52	D+80715 A+82795	80616-80635 82894-82875	TTGTTCGGAGGAAGAGTTCC AAAAAGATCTTGTGTAGCGT
13	ORF52	D+81069 A+82795	80970-80989 82894-82875	ACGGCAGAACACGTTTCGCAA AAAAAGATCTTGTGTAGCGT
14	ORF52	D+81947 A+82795	81848-81867 82894-82875	TCGTTTTCGTCGTTTTTATTT AAAAAGATCTTGTGTAGCGT
15	ORF52	D+81958 A+82795	81931-81950 82966-82947	ACTGATGCTTTCGAAGGGTG GTTGGTTGCTGAGAGGGGTC
16	ORF51	D-83104 A-82797	83203-83184 82698-82717	TTTCCTTTCAACACGTCTGA CTTTTGGTCGCCTCCACCAC
17	ORF51	D-83109 A-82797	83208-83189 82698-82717	TTGAGTTTCTTTCAACACG CTTTTGGTCGCCTCCACCAC
18	ORF52	D+83811 A+84163	83712-83731 84262-84243	GATCTCTTGGACAAGCTCCC CCTTTTCATCAGTTTGTGTC
19	ORF59	D+93589 A+94994	93490-93509 95093-95074	TGTCTTCTGTGAAAGCGGCA AAACCGAGGCCGTGTAGACA
21	ORF71	D-111311 A-111234	111410-111391 111135-111154	GAAC TGACTCTCACA AATTT ACGGCCGTTGTTGCATTGGC
22	ORF71	D-111668 A-111583	111767-111748 111484-111503	GAGCAGTTGTTGCGGTTTCC TTGTTCGTCGCCGTTTCCA
23	ORF83	D+125696 A+125868	125597-125616 125967-125948	GCTGTAGCTGAAGACAGATT ACGGGATCGTACGCCGTGTC
24	ORF89as	D+147741 A+147891	147642-147661 147990-147971	GGCGGAGGGACTGTTTTCGAG TTCCCCAGAATGATATCACG
25	ORF91	D+148213 A+149478	148114-148133 149577-149558	TCGGATTGTCCCAATCCTCG GCAATCCCTAAGCAAGTTCCG

26	ORF90	D-149349 A-149249	149448-149429 149150-149169	GTTGATCAAACCTGACGGCG GGGCCATAACGGGCCCGCTC
27	ORF100	D-171325 A-169861	171424-171405 169762-169781	CTTTGGCCTCCATCACCAAC CATTATGTCTGTTGCTGTGAA
28	ORF100	D-172973 A-172163	173072-173053 172064-172083	GGCCGACAAAGATCATTTAA TCACCAACGCTTTGTTGATC
29	ORF100	D-173459 A-173267	173558-173539 173168-173187	CTGTAGCGCAACTTGC GCGG AAACTGGTGCGCGATGGATT
30	ORF112	D+199826 A+200193	199707-199726 200272-200253	GTGTTGTTGCTCTTGT TTTG TAGAACGGGGTTGATAATGA
31	ORF112	D+200109 A+200193	200010-200029 200292-200273	CTTTATAAAGCGGCGTATGC GCCTTGGTTGGAGGGACTAA
32	ORF127	D-222245 A-222143	222344-222325 222044-222063	TTCTCACAGCGGCTCCTCCA GTTTGGTGGTGCAGACACGT
33	ORF127	D-223119 A-222990	223218-223199 222891-222910	AGGCGGTCTGATTCGGGGCG AACTGTCCGGTTTTTTCAAG
34	ORF131	D-228091 A-227970	228190-228171 227871-227890	TTAGGGCAACTATTGTCCAA CGCCATGAATTCAGCAGATG
35	ORF131	D-228535 A-228420	228634-228615 228321-228340	GGCGCAGGAGTCCCAGTCCA AACTGGGAGCGCCGGAACGG
36	ORF134	D+234296 A+234913	234197-234216 235012-234993	TGGTCCGAATCGAGATGCAA ATCTGCGTCACTGCGGTCGT
37	ORF134	D+235104 A+235251	235005-235024 235350-235331	ACGCAGATTGCGAGGGTGGG CAACAGAAGGCCCGAATGGC

^a These numbers correspond to the lane numbers in Fig. 2. Expt 20 is omitted because it failed with all primers.

^b D, donor site; A, acceptor site; +, rightward transcription; -, leftward transcription.

TABLE S2 Primers used for RACE

Expt ^a	ORF	Primer location (5'-3') ^b	Primer sequence (5'-3')	Products analyzed (bp) ^c
<i>5'-ends, SMARTer RACE</i>				
01	ORF18	25947-25970 25989-26008	GTGAAGAGGTCCCGGTTTCGTTACA GGTGCTGAAAGCGCCTTGT	400
02	ORF19	27379-27356 27354-26335	TAGTGGCCGTGGTGGCTGCACTCA AACACTTGC AACGTCGTCAG	400
03	ORF19	27379-27356 26520-26501	TAGTGGCCGTGGTGGCTGCACTCA CGAAGTTGCGAACGGAATAC	150-450
04	ORF25	38282-38259 38255-38236	CGAGCGCGACTTGTAGCGTGTCTCGA ACAGCAAGTCGGCACCTTCC	350
05	ORF29	42990-43013 43025-43044	TGGGTCCGTGAGTCTTGACAGCCGT CCCTCAGCGTCACCTTAGGT	450-650
06	ORF43	68795-68818 68856-68875	ACGGCACAGATGATGTCTGCCAGA AACGTGTTTCGTAGGCCACTC	300
07	ORF51	82578-82601 82602-82620	ATAGCGAGGGCCGTCAGGTCCGCA ATTTTGAGAATCGGCATAGA	300-450
08	ORF51	82578-82601 82722-82741	ATAGCGAGGGCCGTCAGGTCCGCA GAGAGCATTTGTCCGCTGCAT	150-300
09	ORF52	83056-83033 82935-82916	GAGACACCGGGCGTCTTGATGCAT TGACCGTGACCCGAGTCTTG	300-650
10	ORF59	95166-95143 95138-95119	TGCGCTTCGCACAGTGGACACAGT TCAGTGGATCCGCAACATCC	250
11	ORF89 ^{as} ^d	147388-147365 147358-147339	GCAATCGACCAGCCTACCATCACT ATTC AATACGTTACGCCAGA	400
12	ORF97	161911-161934 161964-161983	CGGTGCCCTGTCTGTTGACATTGT AGTCTGTCTTCCAGCAGCTG	300-450
13	ORF100	172973-172996 173004-173023	CTTGCTGTAATGATTTCCGGGTCC ATCGGATCAGTCCTTTCCAT	300-600
14	ORF105	177863-177840 177752-177733	CAGTTTTCGCTCTCAGGACCCGGAT CTTGACCGCGACGTGCCCTCT	300
15	ORF106	182530-182553 182628-182647	GTAGTTGTGTCAGGTTGATCAGGTT CTGCGTTTCGAGCGAAGAGTG	200-700
16	ORF115	203170-203147 203129-203110	GCGCCGATCAAGGCAGCTGCGACA CAGACAGTCGTTGACACAAC	200
17	ORF126	220544-220521 220479-220460	AGGGACTCGGCTGCACGCTTGCGT ACTCGTCCGAGCCGAAGCTG	350
<i>3'-ends, SMARTer RACE</i>				
18	ORF25	38333-38356	CCACCGTTTCTCTATGCGCGACTAC	250
19	ORF42	68293-68316	CGCGGTCAACTGGCCAACATAGTC	250
20	ORF43	68640-68617	GGGCGACCAATCTGCGCTGATCAG	250
21	ORF59	95375-95398	AAAACCATGGTGCGCCAAATGGTC	350
22	ORF126	220801-220824	CTGATCAACGCGGTCTCTGATCTG	350
23	ORF131	227334-227311	TTCCCCAAATGCTCCAGACAGAG	350
<i>5'-ends, ExactSTART</i>				
24	ORF25	38303-38284	CCAACAGTCCCTTACGTTT	400
25	ORF43	68765-68784	CATCAGCCAGTTTGACAACG	250
26	ORF100	173156-173175	CACACCCAGGAGAAACTGGT	250
27	ORF126	220688-220669	AGAATGGTGGCGTCTTTTAC	550
<i>3'-ends, ExactSTART</i>				

28	ORF25	37989-38008	TCGTCTTGCTGTGTCTGGTC	600
29	ORF42	68160-68179	ATGGCACAAGGTGTTTCACA	400
30	ORF43	68957-68938	TGCGTCACTTTACCATCTGC	550
31	ORF59	95185-95204	GCCTGAAAGACAGGTCGAAG	500
32	ORF126	220344-220363	GCAGCAGGTTCAAGTTCCTC	800

^a These numbers correspond to the lane numbers in Fig. 3.

^b Where two primers are listed, they were used in first- and second-round (nested) PCR, respectively.

^c Bands within ranges may have been excised singly or in groups.

^d Antisense to ORF89 and ORF90.