

**Table S1:** Primer sets for the complete amplification of the ASaV RNA1 and tailing PCR for ASaV RNA1 and RNA2

Primer set	Primer	Sequence 5′- 3′	Amplicon Size (bp)
RNA 1 Primer sets			
A	PDAP-213 <sup>1</sup>	GGCGACCCGCTCCGGTACCCTAGTAGTGA ACTCC	285
	JSR1-315R	GATTGGGTGCTGTGTGCA	
B	JSR-180F	TAGTCGATAAGACTCTGAGAGG	1755
	TRG-1920R	GTGCAGGGATCAGCAGTTTG	
C	TRG-990F	ATCCAGATGCCACTACTGAG	919
	TRG-2040R	ACGCATGTGCTATACCTAGC	
D	JSR-1790F	ACACACCAATGTGATCTACC	1850
	JSR-3620R	TTCATCAGGGTGCATATATGG	
E	JSR1-3224F	GCTGATGATAGAGAGATCTACAC	1400
	JSR2-115R	CCATCTCTGAAATGGGATTG	
F	JSR-4480F	AGCTTGGTAGATTAGATAGGC	1114
	JSR-5570R	CATGATGATGGAAGATGGTG	
G	JSR-5460F	GACACCATTGGTTACAAAGCC	1221
	JSR-6660R	CTGTGACACAATCCACATCTG	
H	JSR-6560F	ATGTGATGGTACCTTACTCC	594
	PDAP-213 <sup>1</sup>	GGCGACCCGCTCCGGTACCCTAGTAGTGA ACTCC	
Tailing PCR Primer			
Primer		Sequence 5′- 3′	Expected Amplicon (bp)
QT Anchor primer		CCAGTGAGCAGAGTGACGAGGACTCGAG-CTCAAGCTTTTTTTTTTTTTTTT	-
Q0 Anchor-specific primer		CCAGTGAGCAGAGTGACG	-
RNA1-mRNA5-GSP1 <sup>2</sup>		CTTGATAATTCCCAGCAGTCC	~ 300
RNA1-mRNA15-GSP2 <sup>3</sup>		CTGTGTCAGTATAGCTTGAGC	~ 150
RNA1-mRNA13-GSP1 <sup>2</sup>		ATAGATATGGGACCAAACCAC	~ 600
RNA1-mRNA1-3-GSP2 <sup>3</sup>		CATGGCTAATGTTTGTGAGAC	~ 400
RNA2-mRNA5-GSP1 <sup>2</sup>		GGTATCTTGAGTATTACA ACT	~ 500
RNA2-mRNA15-GSP2 <sup>4</sup>		TACAGTCCAGATATAGCTGT	~ 400
RNA2-mRNA13-GSP1 <sup>2</sup>		GTGACATTGTATATGATTACA	~ 500
RNA2-mRNA1-3-GSP2 <sup>4</sup>		GGTACATGCATACATGACATG	~ 200

<sup>1</sup> DiBello et al., 2015

<sup>2</sup> PCR cycling conditions - 98 °C for 5 min followed by 32 cycles of 95 °C for 20 s, 45 °C for 20 s and 72 °C for 20 s. A final elongation of 5 min at 72 °C.

<sup>3</sup> PCR cycling conditions - 98 °C for 5 min followed by 32 cycles of 95 °C for 20 s, 55 °C for 20 s and 72 °C for 20 s. A final elongation of 5 min at 72 °C.

<sup>4</sup> PCR cycling conditions - 98 °C for 5 min followed by 32 cycles of 95 °C for 20 s, 52 °C for 20 s and 72 °C for 20 s. A final elongation of 5 min at 72 °C.