

Serotype: ASIA1	Report date: 21/06/2005						
WRL Ref No: Amursky/Russia/2005	Reported by: N.J. Knowles						
Date collected: 09/06/2005	Checked by: J.-F. Valarcher						
Date received: 21/06/2005 (sequence only)							
Species: Cattle	Topotype: none defined						
Material used: not known	Genotype/strain: none designated						
Region sequenced: VP1	Sequence filename: RUS05-AA.SEQ						
RT-PCR primers: not known	Date sequence last updated: 21/06/2005						
No. of Nt determined: 630	Total no. of comparisons: 361						
No. of ambiguities: 3	Min. no. of nt for comparison: 300						
Gene length: 633	Total turn-around time: 1 day						
	Sequencing time: 1 day						
Comments:							
<b>Ten Most Closely Related Viruses</b>							
Pos.	Virus name	Filename	No. nt compared	No. nt matched	No. of ambiguities	% Identity	% Difference
1	As1/Jiangsu/CHA/2005	CHA05-AA	630	625	3	99.21	0.79
2	As1/IND/15/81	IND81-15	630	623	3	98.89	1.11
3	As1/IND/18/80	IND80-18	630	621	3	98.57	1.43
4	As1/ISR/3/63 [AY593796]	ISR63A03	630	571	3	90.63	9.37
5	As1/Kimron/ISR/57 [AY593797]	ISR57KIM	630	567	3	90	10
6	As1/IND/44/98* [AF392943]	IND98-AI	627	559	3	89.15	10.85
7	As1/IND/24/95* [AF392933]	IND95-AK	627	558	3	89	11
8	As1/IND/120/88* [AF390675]	IND88-AA	627	558	3	89	11
9	As1/IND/63/72 [Y09949]	IND72B63	627	556	3	88.68	11.32
10	As1/IND/82/86* [AF392924]	IND86-AC	621	550	3	88.57	11.43
<b>Relationships to Reference Virus Strains</b>							
Pos.	Virus name	Filename	No. nt compared	No. nt matched	No. of ambiguities	% Identity	% Difference
1	As1/IND/8/79	IND79-08	166	150	2	90.36	9.64
2	As1/Kimron/ISR/57 [AY593797]	ISR57KIM	630	567	3	90	10
3	As1/IND/63/72 [Y09949]	IND72B63	627	556	3	88.68	11.32
4	As1/YNBS/CHA/58 [AY390432]	CHA58-AA	630	547	3	86.83	13.17
5	As1/IND/WBN/117/85* [AY687334]	IND85-AA	630	546	3	86.67	13.33
6	As1/Shamir/ISR/89	ISR89--A	630	542	3	86.03	13.97
7	As1/PAK/1/54	PAK54-01	627	536	3	85.49	14.51
8	As1/CAM/9/80	CAM80-09	582	497	6	85.4	14.6
9	As1/TAI/85	TAI85-AA	588	498	3	84.69	15.31
nt, nucleotides							
*, not a WRLFMD reference number							