

Serotype: A Report date: 16/01/2007  
WRL Ref No: JOR/2/2006  
Sender Ref: 747  
Date collected: 06/12/2006  
Date received by WRLFMD: 19/12/2006 Topotype: Asia  
Date received for sequencing: 02/01/2007 Genotype/strain: Irn-05  
Species: not known Sequence filename: JOR06-02.SEQ  
Material used: BTy1 Date sequence last updated: 15/01/2007  
Region sequenced: VP1 Total no. of comparisons: 774  
RT-PCR primers: A-1C562F/EUR-2B52R; Min. no. of nt for comparison: 300  
A-1C612F/EUR-2B52R Total turn-around time: 28 days  
No. of Nt determined: 639 Sequencing time: 14 days  
No. of ambiguities: 0  
Gene length: 639

Comments:

### Ten Most Closely Related Viruses

Pos.	Virus name	Filename	No. nt compared	No. nt matched	No. of ambiguities	% Identity	% Difference
1	A/JOR/4/2006	JOR06-04	639	639	0	100	0
2	A/JOR/3/2006	JOR06-03	639	638	0	99.84	0.16
3	A/TUR/11/2005	TUR05-11	639	633	0	99.06	0.94
4	A/IRN/38/2005	IRN05-38	639	632	0	98.9	1.1
5	A/IRN/39/2005	IRN05-39	639	632	0	98.9	1.1
6	A/TUR/1/2006	TUR06-01	639	632	0	98.9	1.1
7	A/TUR/3/2006	TUR06-03	639	632	0	98.9	1.1
8	A/TUR/9/2005	TUR05-09	639	632	0	98.9	1.1
9	A/IRN/10/2005	IRN05-10	639	631	0	98.75	1.25
10	A/IRN/13/2005	IRN05-13	639	631	0	98.75	1.25

### Relationships to Reference Virus Strains

Pos.	Virus name	Filename	No. nt compared	No. nt matched	No. of ambiguities	% Identity	% Difference
1	A/SAU/41/91	SAU91-41	636	543	0	85.38	14.62
2	A/IND/7/82 (1980)	IND82-07	639	540	0	84.51	15.49
3	A/IRN/87	IRN87--M	634	533	2	84.07	15.93
4	A/TAI/118/87* (EF208777)	TAI87-AD	636	532	0	83.65	16.35
5	A/IRN/22/99 (EF208772)	IRN99-22	636	528	0	83.02	16.98
6	A/SAU/23/86	SAU86-23	639	529	0	82.79	17.21
7	A22/IRQ/24/64 (AJ251474)	IRQ64-24	639	529	0	82.79	17.21
8	A/TAI/2/97 (EF208778)	TAI97-02	636	526	0	82.7	17.3
9	A/IRN/1/96 (EF208771)	IRN96-01	638	526	1	82.45	17.55
10	A24/Cruzeiro/BRA/55 (AJ251476)	BRA55--C	639	510	0	79.81	20.19

nt, nucleotides

\*, not a WRLFMD reference number

Serotype: A  
WRL Ref No: JOR/3/2006  
Sender Ref: 748  
Date collected: 06/12/2006  
Date received by WRLFMD: 19/12/2006  
Date received for sequencing: 02/01/2007  
Species: not known  
Material used: BTy1  
Region sequenced: VP1  
RT-PCR primers: A-1C562F/EUR-2B52R;  
A-1C612F/EUR-2B52R  
No. of Nt determined: 639  
No. of ambiguities: 0  
Gene length: 639

Report date: 16/01/2007  
Topotype: Asia  
Genotype/strain: Irn-05  
Sequence filename: JOR06-03.SEQ  
Date sequence last updated: 15/01/2007  
Total no. of comparisons: 774  
Min. no. of nt for comparison: 300  
Total turn-around time: 28 days  
Sequencing time: 14 days

Comments:

### Ten Most Closely Related Viruses

Pos.	Virus name	Filename	No. nt compared	No. nt matched	No. of ambiguities	% Identity	% Difference
1	A/JOR/2/2006	JOR06-02	639	638	0	99.84	0.16
2	A/JOR/4/2006	JOR06-04	639	638	0	99.84	0.16
3	A/TUR/11/2005	TUR05-11	639	632	0	98.9	1.1
4	A/IRN/38/2005	IRN05-38	639	631	0	98.75	1.25
5	A/IRN/39/2005	IRN05-39	639	631	0	98.75	1.25
6	A/TUR/1/2006	TUR06-01	639	631	0	98.75	1.25
7	A/TUR/3/2006	TUR06-03	639	631	0	98.75	1.25
8	A/TUR/9/2005	TUR05-09	639	631	0	98.75	1.25
9	A/IRN/10/2005	IRN05-10	639	630	0	98.59	1.41
10	A/IRN/13/2005	IRN05-13	639	630	0	98.59	1.41

### Relationships to Reference Virus Strains

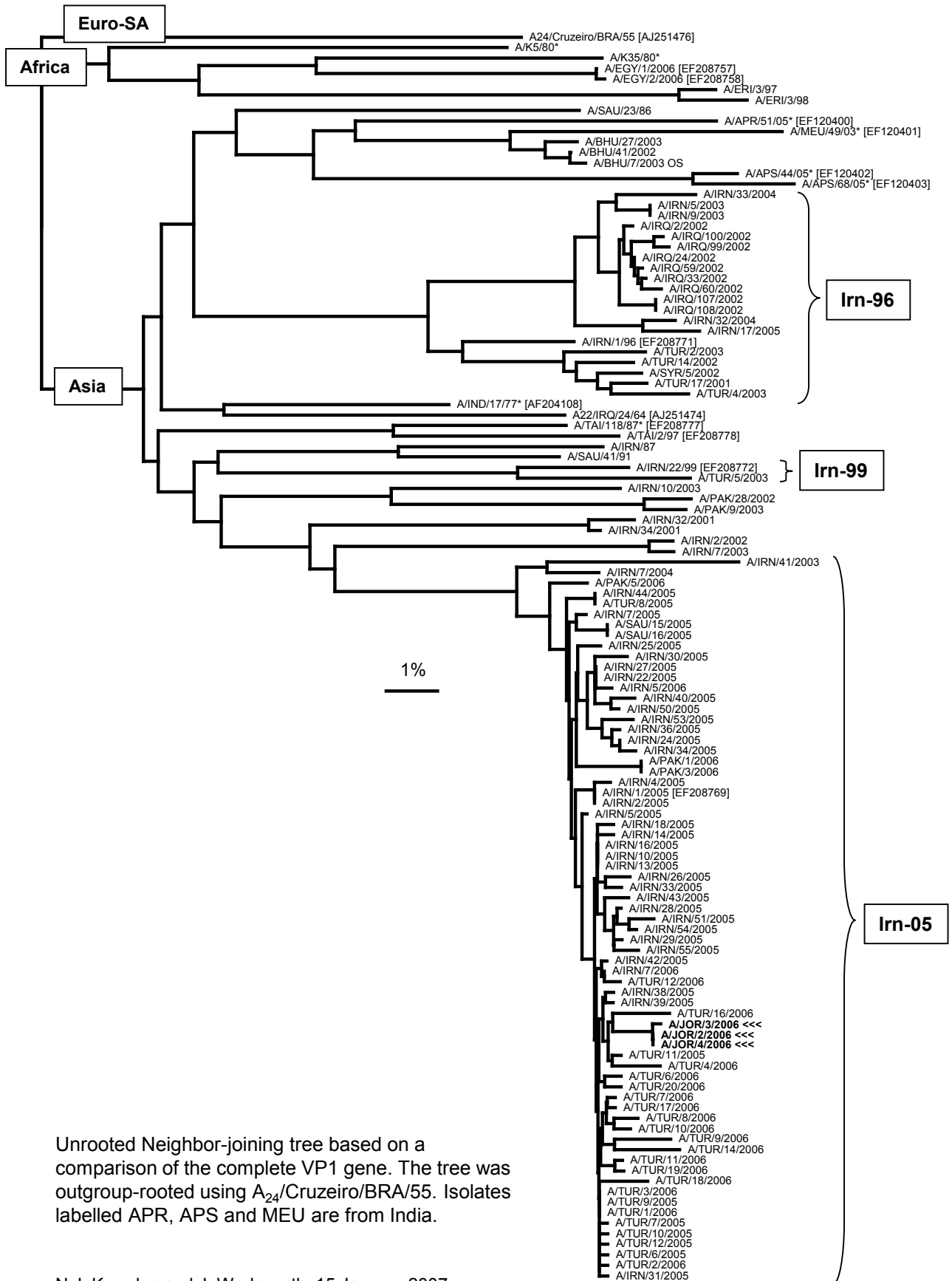
Pos.	Virus name	Filename	No. nt compared	No. nt matched	No. of ambiguities	% Identity	% Difference
1	A/SAU/41/91	SAU91-41	636	544	0	85.53	14.47
2	A/IND/7/82 (1980)	IND82-07	639	541	0	84.66	15.34
3	A/IRN/87	IRN87--M	634	534	2	84.23	15.77
4	A/TAI/118/87* (EF208777)	TAI87-AD	636	533	0	83.81	16.19
5	A/IRN/22/99 (EF208772)	IRN99-22	636	529	0	83.18	16.82
6	A/SAU/23/86	SAU86-23	639	530	0	82.94	17.06
7	A22/IRQ/24/64 (AJ251474)	IRQ64-24	639	530	0	82.94	17.06
8	A/TAI/2/97 (EF208778)	TAI97-02	636	527	0	82.86	17.14
9	A/IRN/1/96 (EF208771)	IRN96-01	638	527	1	82.6	17.4
10	A24/Cruzeiro/BRA/55 (AJ251476)	BRA55--C	639	511	0	79.97	20.03

nt, nucleotides

\*, not a WRLFMD reference number

Serotype: A	Report date: 16/01/2007						
WRL Ref No: JOR/4/2006							
Sender Ref: 813							
Date collected: 06/12/2006							
Date received by WRLFMD: 19/12/2006	Topotype: Asia						
Date received for sequencing: 02/01/2007	Genotype/strain: Irn-05						
Species: not known	Sequence filename: JOR06-04.SEQ						
Material used: BTy1	Date sequence last updated: 15/01/2007						
Region sequenced: VP1	Total no. of comparisons: 774						
RT-PCR primers: A-1C562F/EUR-2B52R; A-1C612F/EUR-2B52R	Min. no. of nt for comparison: 300						
No. of Nt determined: 639	Total turn-around time: 28 days						
No. of ambiguities: 0	Sequencing time: 14 days						
Gene length: 639							
Comments:							
<b>Ten Most Closely Related Viruses</b>							
Pos.	Virus name	Filename	No. nt compared	No. nt matched	No. of ambiguities	% Identity	% Difference
1	A/JOR/2/2006	JOR06-02	639	639	0	100	0
2	A/JOR/3/2006	JOR06-03	639	638	0	99.84	0.16
3	A/TUR/11/2005	TUR05-11	639	633	0	99.06	0.94
4	A/IRN/38/2005	IRN05-38	639	632	0	98.9	1.1
5	A/IRN/39/2005	IRN05-39	639	632	0	98.9	1.1
6	A/TUR/1/2006	TUR06-01	639	632	0	98.9	1.1
7	A/TUR/3/2006	TUR06-03	639	632	0	98.9	1.1
8	A/TUR/9/2005	TUR05-09	639	632	0	98.9	1.1
9	A/IRN/10/2005	IRN05-10	639	631	0	98.75	1.25
10	A/IRN/13/2005	IRN05-13	639	631	0	98.75	1.25
<b>Relationships to Reference Virus Strains</b>							
Pos.	Virus name	Filename	No. nt compared	No. nt matched	No. of ambiguities	% Identity	% Difference
1	A/SAU/41/91	SAU91-41	636	543	0	85.38	14.62
2	A/IND/7/82 (1980)	IND82-07	639	540	0	84.51	15.49
3	A/IRN/87	IRN87--M	634	533	2	84.07	15.93
4	A/TAI/118/87* (EF208777)	TAI87-AD	636	532	0	83.65	16.35
5	A/IRN/22/99 (EF208772)	IRN99-22	636	528	0	83.02	16.98
6	A/SAU/23/86	SAU86-23	639	529	0	82.79	17.21
7	A22/IRQ/24/64 (AJ251474)	IRQ64-24	639	529	0	82.79	17.21
8	A/TAI/2/97 (EF208778)	TAI97-02	636	526	0	82.7	17.3
9	A/IRN/1/96 (EF208771)	IRN96-01	638	526	1	82.45	17.55
10	A24/Cruzeiro/BRA/55 (AJ251476)	BRA55--C	639	510	0	79.81	20.19
nt, nucleotides							
*, not a WRLFMD reference number							

# Report on FMDV A sequences from Jordan in 2006



Unrooted Neighbor-joining tree based on a comparison of the complete VP1 gene. The tree was outgroup-rooted using A<sub>24</sub>/Cruzeiro/BRA/55. Isolates labelled APR, APS and MEU are from India.