

Serotype: A		Report date: 24/05/2006					
WRL Ref No: IRN/22/2005							
Sender Ref: 84-14							
Date collected: 11/08/2005							
Date received by WRLFMD: 08/09/2005		Topotype: Asia					
Date received for sequencing: 15/09/2005		Genotype/strain:					
Species: Cattle		Sequence filename: IRN05-22.SEQ					
Material used: BTy1		Date sequence last updated: 22/05/2006					
Region sequenced: VP1		Total no. of comparisons: 886					
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: 258 days					
No. of ambiguities: 0		Sequencing time: 251 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/IRN/27/2005	IRN05-27	639	639	0	100	0
2	A/IRN/30/2005	IRN05-30	639	635	0	99.37	0.63
3	A/IRN/5/2005	IRN05-05	639	635	0	99.37	0.63
4	A/IRN/25/2005	IRN05-25	639	634	0	99.22	0.78
5	A/IRN/7/2005	IRN05-07	639	634	0	99.22	0.78
6	A/IRN/24/2005	IRN05-24	639	634	0	99.22	0.78
7	A/IRN/2/2005	IRN05-02	639	633	0	99.06	0.94
8	A/IRN/1/2005	IRN05-01	639	633	0	99.06	0.94
9	A/IRN/10/2005	IRN05-10	639	633	0	99.06	0.94
10	A/IRN/13/2005	IRN05-13	639	633	0	99.06	0.94
<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	544	0	85.13	14.87
3	A/IRN/87	IRN87--M	634	535	2	84.38	15.62
4	A/IRN/22/99	IRN99-22	636	532	0	83.65	16.35
5	A/TAI/118/87*	TAI87-AD	636	531	0	83.49	16.51
6	A/SAU/23/86	SAU86-23	639	531	0	83.1	16.9
7	A/IRN/1/96	IRN96-01	638	527	1	82.6	17.4
8	A22/IRQ/24/64 (AJ251474)	IRQ64-24	639	527	0	82.47	17.53
9	A/TAI/2/97	TAI97-02	636	524	0	82.39	17.61
10	A24/Cruzeiro/BRA/55 (AJ251476)	BRA55--C	639	508	0	79.5	20.5
nt, nucleotides							
*, not a WRLFMD reference number							

Serotype: A Report date: 24/05/2006  
WRL Ref No: IRN/24/2005  
Sender Ref: 84-16  
Date collected: 11/08/2005  
Date received by WRLFMD: 08/09/2005 Topotype: Asia  
Date received for sequencing: 15/09/2005 Genotype/strain:  
Species: Cattle Sequence filename: IRN05-24.SEQ  
Material used: BTy1 Date sequence last updated: 22/05/2006  
Region sequenced: VP1 Total no. of comparisons: 886  
RT-PCR primers: A-1C562F/EUR-2B52R; Min. no. of nt for comparison: 300  
Total turn-around time: 258 days  
Sequencing time: 251 days  
A-1C612F/EUR-2B52R  
No. of Nt determined: 639  
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/IRN/22/2005	IRN05-22	639	634	0	99.22	0.78
2	A/IRN/27/2005	IRN05-27	639	634	0	99.22	0.78
3	A/IRN/5/2005	IRN05-05	639	632	0	98.9	1.1
4	A/IRN/7/2005	IRN05-07	639	631	0	98.75	1.25
5	A/IRN/25/2005	IRN05-25	639	631	0	98.75	1.25
6	A/IRN/1/2005	IRN05-01	639	630	0	98.59	1.41
7	A/IRN/2/2005	IRN05-02	639	630	0	98.59	1.41
8	A/IRN/30/2005	IRN05-30	639	630	0	98.59	1.41
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	542	0	85.22	14.78
2	A/IND/7/82 (1980)	IND82-07	639	544	0	85.13	14.87
3	A/IRN/87	IRN87--M	634	534	2	84.23	15.77
4	A/IRN/22/99	IRN99-22	636	533	0	83.81	16.19
5	A/TAI/118/87*	TAI87-AD	636	532	0	83.65	16.35
6	A/SAU/23/86	SAU86-23	639	532	0	83.26	16.74
7	A22/IRQ/24/64 (AJ251474)	IRQ64-24	639	528	0	82.63	17.37
8	A/IRN/1/96	IRN96-01	638	527	1	82.6	17.4
9	A/TAI/2/97	TAI97-02	636	525	0	82.55	17.45
10	A24/Cruzeiro/BRA/55 (AJ251476)	BRA55--C	639	505	0	79.03	20.97

nt, nucleotides

\*, not a WRLFMD reference number

Serotype: A		Report date: 24/05/2006					
WRL Ref No: IRN/25/2005							
Sender Ref: 84-12							
Date collected: 13/08/2005		Topotype: Asia					
Date received by WRLFMD: 08/09/2005		Genotype/strain:					
Date received for sequencing: 15/09/2005		Sequence filename: IRN05-25.SEQ					
Species: Cattle		Date sequence last updated: 22/05/2006					
Material used: BTy1		Total no. of comparisons: 886					
Region sequenced: VP1		Min. no. of nt for comparison: 300					
RT-PCR primers: A-1C562F/EUR-2B52R; A-1C612F/EUR-2B52R		Total turn-around time: 258 days					
No. of Nt determined: 639		Sequencing time: 251 days					
No. of ambiguities: 0							
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/IRN/22/2005	IRN05-22	639	634	0	99.22	0.78
2	A/IRN/27/2005	IRN05-27	639	634	0	99.22	0.78
3	A/IRN/5/2005	IRN05-05	639	633	0	99.06	0.94
4	A/IRN/1/2005	IRN05-01	639	633	0	99.06	0.94
5	A/IRN/2/2005	IRN05-02	639	633	0	99.06	0.94
6	A/IRN/7/2005	IRN05-07	639	632	0	98.9	1.1
7	A/TUR/3/2006	TUR06-03	639	632	0	98.9	1.1
8	A/TUR/1/2006	TUR06-01	638	631	1	98.9	1.1
9	A/TUR/2/2006	TUR06-02	639	631	0	98.75	1.25
10	A/IRN/10/2005	IRN05-10	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	544	0	85.53	14.47
2	A/IRN/87	IRN87--M	634	537	2	84.7	15.3
3	A/IND/7/82 (1980)	IND82-07	639	541	0	84.66	15.34
4	A/IRN/22/99	IRN99-22	636	532	0	83.65	16.35
5	A/TAI/118/87*	TAI87-AD	636	531	0	83.49	16.51
6	A/SAU/23/86	SAU86-23	639	533	0	83.41	16.59
7	A22/IRQ/24/64 (AJ251474)	IRQ64-24	639	529	0	82.79	17.21
8	A/TAI/2/97	TAI97-02	636	525	0	82.55	17.45
9	A/IRN/1/96	IRN96-01	638	526	1	82.45	17.55
10	A24/Cruzeiro/BRA/55 (AJ251476)	BRA55--C	639	509	0	79.66	20.34
nt, nucleotides							
*, not a WRLFMD reference number							

Serotype: A Report date: 24/05/2006  
WRL Ref No: IRN/26/2005  
Sender Ref: 84-17  
Date collected: 15/08/2005  
Date received by WRLFMD: 08/09/2005 Topotype: Asia  
Date received for sequencing: 15/09/2005 Genotype/strain:  
Species: Cattle Sequence filename: IRN05-26.SEQ  
Material used: BTy1 Date sequence last updated: 22/05/2006  
Region sequenced: VP1 Total no. of comparisons: 886  
RT-PCR primers: A-1C562F/EUR-2B52R; Min. no. of nt for comparison: 300  
Total turn-around time: 258 days  
Sequencing time: 251 days  
A-1C612F/EUR-2B52R  
No. of Nt determined: 639  
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/IRN/13/2005	IRN05-13	639	635	0	99.37	0.63
2	A/IRN/10/2005	IRN05-10	639	635	0	99.37	0.63
3	A/IRN/16/2005	IRN05-16	639	635	0	99.37	0.63
4	A/TUR/3/2006	TUR06-03	639	634	0	99.22	0.78
5	A/TUR/1/2006	TUR06-01	638	633	1	99.22	0.78
6	A/TUR/10/2005	TUR05-10	628	623	3	99.2	0.8
7	A/IRN/31/2005	IRN05-31	639	633	0	99.06	0.94
8	A/IRN/14/2005	IRN05-14	639	633	0	99.06	0.94
9	A/TUR/2/2006	TUR06-02	639	633	0	99.06	0.94
10	A/TUR/12/2005	TUR05-12	639	633	0	99.06	0.94

### 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	541	0	85.06	14.94
2	A/IND/7/82 (1980)	IND82-07	639	542	0	84.82	15.18
3	A/IRN/22/99	IRN99-22	636	534	0	83.96	16.04
4	A/IRN/87	IRN87--M	634	532	2	83.91	16.09
5	A/TAI/118/87*	TAI87-AD	636	530	0	83.33	16.67
6	A/SAU/23/86	SAU86-23	639	528	0	82.63	17.37
7	A/TAI/2/97	TAI97-02	636	525	0	82.55	17.45
8	A22/IRQ/24/64 (AJ251474)	IRQ64-24	639	526	0	82.32	17.68
9	A/IRN/1/96	IRN96-01	638	523	1	81.97	18.03
10	A24/Cruzeiro/BRA/55 (AJ251476)	BRA55--C	639	508	0	79.5	20.5

nt, nucleotides

\*, not a WRLFMD reference number

Serotype: A		Report date: 24/05/2006					
WRL Ref No: IRN/27/2005							
Sender Ref: 84-13							
Date collected: 20/08/2005							
Date received by WRLFMD: 08/09/2005		Topotype: Asia					
Date received for sequencing: 15/09/2005		Genotype/strain:					
Species: Cattle		Sequence filename: IRN05-27.SEQ					
Material used: BTy1		Date sequence last updated: 22/05/2006					
Region sequenced: VP1		Total no. of comparisons: 886					
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: 258 days					
No. of ambiguities: 0		Sequencing time: 251 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/IRN/22/2005	IRN05-22	639	639	0	100	0
2	A/IRN/30/2005	IRN05-30	639	635	0	99.37	0.63
3	A/IRN/5/2005	IRN05-05	639	635	0	99.37	0.63
4	A/IRN/24/2005	IRN05-24	639	634	0	99.22	0.78
5	A/IRN/25/2005	IRN05-25	639	634	0	99.22	0.78
6	A/IRN/7/2005	IRN05-07	639	634	0	99.22	0.78
7	A/IRN/16/2005	IRN05-16	639	633	0	99.06	0.94
8	A/IRN/13/2005	IRN05-13	639	633	0	99.06	0.94
9	A/IRN/10/2005	IRN05-10	639	633	0	99.06	0.94
10	A/IRN/2/2005	IRN05-02	639	633	0	99.06	0.94
<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	544	0	85.13	14.87
3	A/IRN/87	IRN87--M	634	535	2	84.38	15.62
4	A/IRN/22/99	IRN99-22	636	532	0	83.65	16.35
5	A/TAI/118/87*	TAI87-AD	636	531	0	83.49	16.51
6	A/SAU/23/86	SAU86-23	639	531	0	83.1	16.9
7	A/IRN/1/96	IRN96-01	638	527	1	82.6	17.4
8	A22/IRQ/24/64 (AJ251474)	IRQ64-24	639	527	0	82.47	17.53
9	A/TAI/2/97	TAI97-02	636	524	0	82.39	17.61
10	A24/Cruzeiro/BRA/55 (AJ251476)	BRA55--C	639	508	0	79.5	20.5
nt, nucleotides							
*, not a WRLFMD reference number							

Serotype: A  
WRL Ref No: IRN/28/2005  
Sender Ref: 84-6  
Date collected: 21/08/2005  
Date received by WRLFMD: 08/09/2005  
Date received for sequencing: 15/09/2005  
Species: Cattle  
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: 24/05/2006  
Topotype: Asia  
Genotype/strain:  
Sequence filename: IRN05-28.SEQ  
Date sequence last updated: 23/05/2006  
Total no. of comparisons: 886  
Min. no. of nt for comparison: 300  
Total turn-around time: 258 days  
Sequencing time: 251 days

Comments:

### Ten Most Closely Related Viruses

Pos.	Virus name	Filename	No. nt compared	No. nt matched	No. of ambiguities	% Identity	% Difference
1	A/IRN/29/2005	IRN05-29	639	637	0	99.69	0.31
2	A/IRN/10/2005	IRN05-10	639	636	0	99.53	0.47
3	A/IRN/13/2005	IRN05-13	639	636	0	99.53	0.47
4	A/IRN/16/2005	IRN05-16	639	636	0	99.53	0.47
5	A/TUR/3/2006	TUR06-03	639	635	0	99.37	0.63
6	A/TUR/1/2006	TUR06-01	638	634	1	99.37	0.63
7	A/IRN/31/2005	IRN05-31	639	634	0	99.22	0.78
8	A/IRN/14/2005	IRN05-14	639	634	0	99.22	0.78
9	A/TUR/2/2006	TUR06-02	639	634	0	99.22	0.78
10	A/TUR/12/2005	TUR05-12	639	634	0	99.22	0.78

### 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	542	0	85.22	14.78
2	A/IND/7/82 (1980)	IND82-07	639	541	0	84.66	15.34
3	A/IRN/22/99	IRN99-22	636	536	0	84.28	15.72
4	A/IRN/87	IRN87--M	634	534	2	84.23	15.77
5	A/TAI/118/87*	TAI87-AD	636	533	0	83.81	16.19
6	A22/IRQ/24/64 (AJ251474)	IRQ64-24	639	529	0	82.79	17.21
7	A/SAU/23/86	SAU86-23	639	529	0	82.79	17.21
8	A/IRN/1/96	IRN96-01	638	528	1	82.76	17.24
9	A/TAI/2/97	TAI97-02	636	524	0	82.39	17.61
10	A24/Cruzeiro/BRA/55 (AJ251476)	BRA55--C	639	509	0	79.66	20.34

nt, nucleotides

\*, not a WRLFMD reference number

Serotype: A Report date: 24/05/2006  
WRL Ref No: IRN/29/2005  
Sender Ref: 84-8  
Date collected: 21/08/2005  
Date received by WRLFMD: 08/09/2005 Topotype: Asia  
Date received for sequencing: 15/09/2005 Genotype/strain:  
Species: Cattle Sequence filename: IRN05-29.SEQ  
Material used: BTy1 Date sequence last updated: 24/05/2006  
Region sequenced: VP1 Total no. of comparisons: 886  
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: 258 days  
No. of ambiguities: 0 Sequencing time: 251 days  
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/IRN/28/2005	IRN05-28	639	637	0	99.69	0.31
2	A/IRN/10/2005	IRN05-10	639	636	0	99.53	0.47
3	A/IRN/13/2005	IRN05-13	639	636	0	99.53	0.47
4	A/IRN/16/2005	IRN05-16	639	636	0	99.53	0.47
5	A/TUR/3/2006	TUR06-03	639	635	0	99.37	0.63
6	A/TUR/1/2006	TUR06-01	638	634	1	99.37	0.63
7	A/IRN/31/2005	IRN05-31	639	634	0	99.22	0.78
8	A/IRN/14/2005	IRN05-14	639	634	0	99.22	0.78
9	A/TUR/2/2006	TUR06-02	639	634	0	99.22	0.78
10	A/TUR/12/2005	TUR05-12	639	634	0	99.22	0.78

**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	541	0	85.06	14.94
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/IRN/22/99	IRN99-22	636	535	0	84.12	15.88
5	A/TAI/118/87*	TAI87-AD	636	535	0	84.12	15.88
6	A22/IRQ/24/64 (AJ251474)	IRQ64-24	639	531	0	83.1	16.9
7	A/TAI/2/97	TAI97-02	636	526	0	82.7	17.3
8	A/SAU/23/86	SAU86-23	639	527	0	82.47	17.53
9	A/IRN/1/96	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: IRN/30/2005  
Sender Ref: 84-18  
Date collected: 21/08/2005  
Date received by WRLFMD: 08/09/2005  
Date received for sequencing: 15/09/2005  
Species: Cattle  
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: 24/05/2006  
Topotype: Asia  
Genotype/strain:  
Sequence filename: IRN05-30.SEQ  
Date sequence last updated: 24/05/2006  
Total no. of comparisons: 886  
Min. no. of nt for comparison: 300  
Total turn-around time: 258 days  
Sequencing time: 251 days

Comments:

#### Ten Most Closely Related Viruses

Pos.	Virus name	Filename	No. nt compared	No. nt matched	No. of ambiguities	% Identity	% Difference
1	A/IRN/27/2005	IRN05-27	639	635	0	99.37	0.63
2	A/IRN/22/2005	IRN05-22	639	635	0	99.37	0.63
3	A/IRN/5/2005	IRN05-05	639	631	0	98.75	1.25
4	A/IRN/7/2005	IRN05-07	639	630	0	98.59	1.41
5	A/IRN/25/2005	IRN05-25	639	630	0	98.59	1.41
6	A/IRN/24/2005	IRN05-24	639	630	0	98.59	1.41
7	A/IRN/16/2005	IRN05-16	639	629	0	98.44	1.56
8	A/SAU/16/2005	SAU05-16	639	629	0	98.44	1.56
9	A/IRN/10/2005	IRN05-10	639	629	0	98.44	1.56
10	A/IRN/13/2005	IRN05-13	639	629	0	98.44	1.56

#### 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	535	2	84.38	15.62
4	A/IRN/22/99	IRN99-22	636	532	0	83.65	16.35
5	A/TAI/118/87*	TAI87-AD	636	529	0	83.18	16.82
6	A/SAU/23/86	SAU86-23	639	529	0	82.79	17.21
7	A/TAI/2/97	TAI97-02	636	524	0	82.39	17.61
8	A22/IRQ/24/64 (AJ251474)	IRQ64-24	639	525	0	82.16	17.84
9	A/IRN/1/96	IRN96-01	638	523	1	81.97	18.03
10	A24/Cruzeiro/BRA/55 (AJ251476)	BRA55--C	639	506	0	79.19	20.81

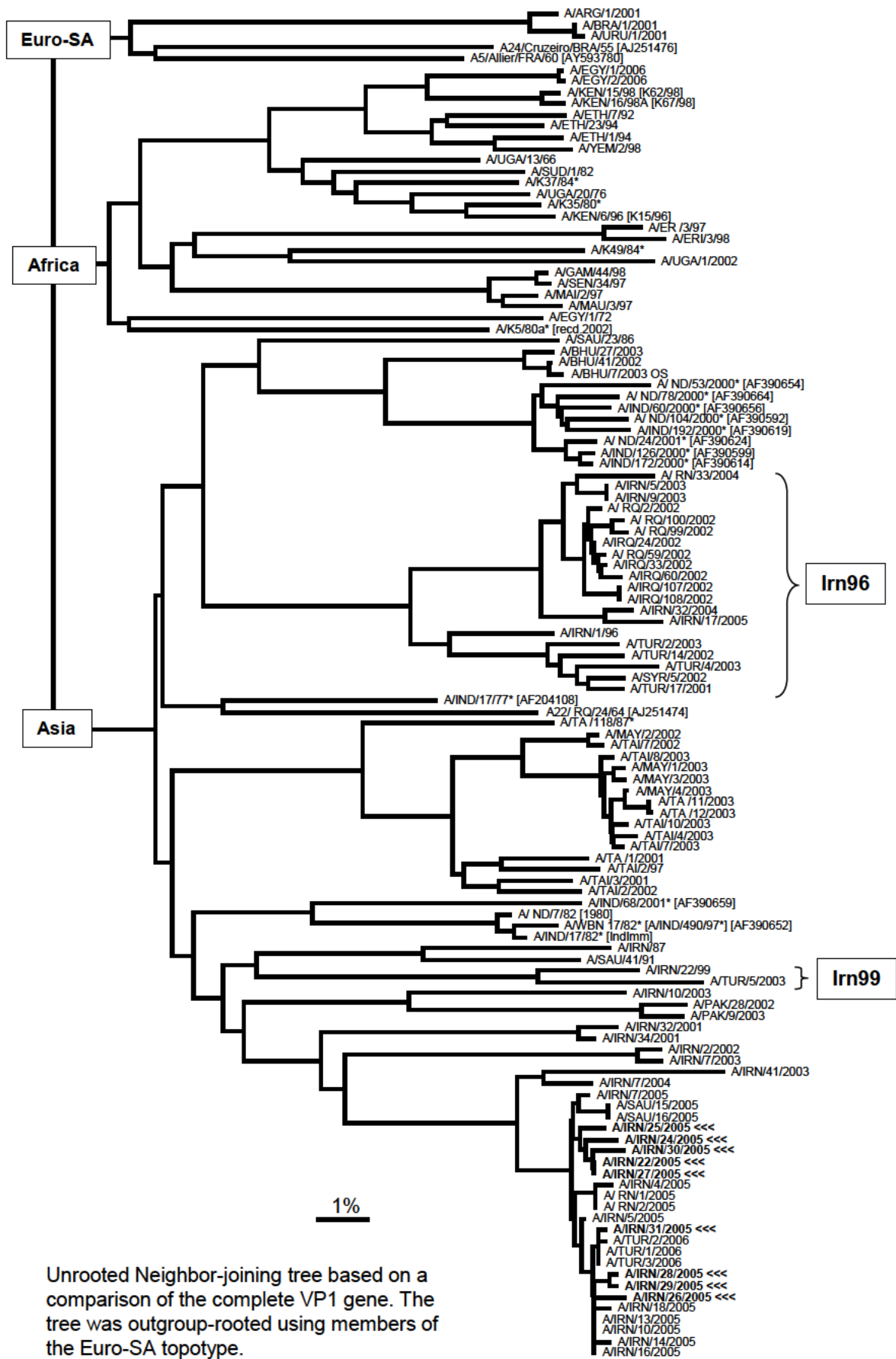
nt, nucleotides

\*, not a WRLFMD reference number



Serotype: A		Report date: 24/05/2006					
WRL Ref No: IRN/31/2005							
Sender Ref: 84-7							
Date collected: 24/08/2005		Topotype: Asia					
Date received by WRLFMD: 08/09/2005		Genotype/strain:					
Date received for sequencing: 15/09/2005		Sequence filename: IRN05-31.SEQ					
Species: Cattle		Date sequence last updated: 24/05/2006					
Material used: BTy1		Total no. of comparisons: 886					
Region sequenced: VP1		Min. no. of nt for comparison: 300					
RT-PCR primers: A-1C562F/EUR-2B52R; A-1C612F/EUR-2B52R		Total turn-around time: 258 days					
No. of Nt determined: 639		Sequencing time: 251 days					
No. of ambiguities: 0							
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/TUR/3/2006	TUR06-03	639	638	0	99.84	0.16
2	A/TUR/1/2006	TUR06-01	638	637	1	99.84	0.16
3	A/TUR/2/2006	TUR06-02	639	637	0	99.69	0.31
4	A/IRN/13/2005	IRN05-13	639	637	0	99.69	0.31
5	A/IRN/16/2005	IRN05-16	639	637	0	99.69	0.31
6	A/TUR/12/2005	TUR05-12	639	637	0	99.69	0.31
7	A/IRN/10/2005	IRN05-10	639	637	0	99.69	0.31
8	A/TUR/10/2005	TUR05-10	628	626	3	99.68	0.32
9	A/IRN/14/2005	IRN05-14	639	635	0	99.37	0.63
10	A/IRN/18/2005	IRN05-18	639	635	0	99.37	0.63
<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	542	0	85.22	14.78
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/IRN/22/99	IRN99-22	636	533	0	83.81	16.19
5	A/TAI/118/87*	TAI87-AD	636	533	0	83.81	16.19
6	A/TAI/2/97	TAI97-02	636	526	0	82.7	17.3
7	A22/IRQ/24/64 (AJ251474)	IRQ64-24	639	528	0	82.63	17.37
8	A/SAU/23/86	SAU86-23	639	528	0	82.63	17.37
9	A/IRN/1/96	IRN96-01	638	525	1	82.29	17.71
10	A24/Cruzeiro/BRA/55 (AJ251476)	BRA55--C	639	509	0	79.66	20.34
nt, nucleotides							
*, not a WRLFMD reference number							

# Report on FMDV A from Iran in 2005



Unrooted Neighbor-joining tree based on a comparison of the complete VP1 gene. The tree was outgroup-rooted using members of the Euro-SA toptotype.