

Serotype: O	Report date: 08/02/2007						
WRL Ref No: IRN/20/2006							
Sender Ref: IR 11							
Date collected: 09/10/2006							
Date received by WRLFMD: 20/11/2006	Topotype: Middle East-South Asia (ME-SA)						
Date received for sequencing: 27/11/2006	Genotype/strain: PanAsia						
Species: Cattle	Sequence filename: IRN06-20.SEQ						
Material used: BTy1	Date sequence last updated: 16/01/2007						
Region sequenced: VP1	Total no. of comparisons: 1484						
RT-PCR primers: O-1C244F/EUR-2B52R; O-1C272F/EUR-2B52R	Min. no. of nt for comparison: 300						
No. of Nt determined: 639	Total turn-around time: 80 days						
No. of ambiguities: 0	Sequencing time: 73 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	O/IRN/12/2006	IRN06-12	639	638	0	99.84	0.16
2	O/IRN/10/2006	IRN06-10	639	637	0	99.69	0.31
3	O/IRN/17/2006	IRN06-17	639	637	0	99.69	0.31
4	O/IRN/19/2006	IRN06-19	639	637	0	99.69	0.31
5	O/IRN/8/2006	IRN06-08	639	637	0	99.69	0.31
6	O/IRN/9/2006	IRN06-09	639	637	0	99.69	0.31
7	O/IRN/14/2006	IRN06-14	639	636	0	99.53	0.47
8	O/IRN/24/2006	IRN06-24	639	636	0	99.53	0.47
9	O/IRN/26/2006	IRN06-26	639	636	0	99.53	0.47
10	O/PAK/10/2006	PAK06-10	639	636	0	99.53	0.47
Relationships to Reference Virus Strains							
Pos.	Virus name	Filename	No. nt compared	No. nt matched	No. of ambiguities	% Identity	% Difference
1	O/TAW/2/99	TAW99-02	639	606	0	94.84	5.16
2	O/IND/53/79 [AF292107]	IND79A53	639	571	0	89.36	10.64
3	O/IND/R2/75* [AF204276]	IND75--A	639	569	0	89.05	10.95
4	O1/Manisa/TUR/69 (AJ251477)	TUR69--E	639	563	0	88.11	11.89
5	O/TAI/189/87* [TRRL]	TAI87-AC	639	555	0	86.85	13.15
6	O/ISR/2/88 (DQ164899)	ISR88-02	639	554	0	86.7	13.3
7	O/MOR/1/91	MOR91-01	639	550	0	86.07	13.93
8	O/PHI/5/95 (DQ164946)	PHI95-05	639	521	0	81.53	18.47
9	O/HKN/6/83	HKN83-06	637	513	2	80.53	19.47
10	O1/BFS 1860/UK/67	UKG67--A	639	512	0	80.13	19.87
nt, nucleotides							
*, not a WRLFMD reference number							

Serotype: O
WRL Ref No: IRN/21/2006
Sender Ref: IR 13
Date collected: 09/10/2006
Date received by WRLFMD: 20/11/2006
Date received for sequencing: 28/11/2006
Species: Cattle
Material used: BTy1
Region sequenced: VP1
RT-PCR primers: O-1C244F/EUR-2B52R;
O-1C272F/EUR-2B52R
No. of Nt determined: 639
No. of ambiguities: 0
Gene length: 639

Report date: 08/02/2007
Topotype: Middle East-South Asia (ME-SA)
Genotype/strain: PanAsia
Sequence filename: IRN06-21.SEQ
Date sequence last updated: 17/01/2007
Total no. of comparisons: 1484
Min. no. of nt for comparison: 300
Total turn-around time: 80 days
Sequencing time: 72 days

Comments:

Ten Most Closely Related Viruses

Pos.	Virus name	Filename	No. nt compared	No. nt matched	No. of ambiguities	% Identity	% Difference
1	O/IRN/26/2006	IRN06-26	639	635	0	99.37	0.63
2	O/IRN/17/2006	IRN06-17	639	634	0	99.22	0.78
3	O/IRN/12/2006	IRN06-12	639	633	0	99.06	0.94
4	O/IRN/10/2006	IRN06-10	639	632	0	98.9	1.1
5	O/IRN/19/2006	IRN06-19	639	632	0	98.9	1.1
6	O/IRN/20/2006	IRN06-20	639	632	0	98.9	1.1
7	O/IRN/8/2006	IRN06-08	639	632	0	98.9	1.1
8	O/IRN/9/2006	IRN06-09	639	632	0	98.9	1.1
9	O/IRN/14/2006	IRN06-14	639	631	0	98.75	1.25
10	O/IRN/18/2006	IRN06-18	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	O/TAW/2/99	TAW99-02	639	600	0	93.9	6.1
2	O/IND/53/79 [AF292107]	IND79A53	639	567	0	88.73	11.27
3	O/IND/R2/75* [AF204276]	IND75--A	639	565	0	88.42	11.58
4	O1/Manisa/TUR/69 (AJ251477)	TUR69--E	639	559	0	87.48	12.52
5	O/TAI/189/87* [TRRL]	TAI87-AC	639	553	0	86.54	13.46
6	O/ISR/2/88 (DQ164899)	ISR88-02	639	550	0	86.07	13.93
7	O/MOR/1/91	MOR91-01	639	548	0	85.76	14.24
8	O/PHI/5/95 (DQ164946)	PHI95-05	639	514	0	80.44	19.56
9	O1/BFS 1860/UK/67	UKG67--A	639	510	0	79.81	20.19
10	O/HKN/6/83	HKN83-06	637	506	2	79.43	20.57

nt, nucleotides

*, not a WRLFMD reference number

Serotype: O	Report date: 08/02/2007						
WRL Ref No: IRN/22/2006							
Sender Ref: IR 15							
Date collected: 09/10/2006	Topotype: Middle East-South Asia (ME-SA)						
Date received by WRLFMD: 20/11/2006	Genotype/strain: PanAsia						
Date received for sequencing: 28/11/2006	Sequence filename: IRN06-22.SEQ						
Species: Cattle	Date sequence last updated: 17/01/2007						
Material used: BTy1	Total no. of comparisons: 1484						
Region sequenced: VP1	Min. no. of nt for comparison: 300						
RT-PCR primers: O-1C244F/EUR-2B52R; O-1C272F/EUR-2B52R	Total turn-around time: 80 days						
No. of Nt determined: 639	Sequencing time: 72 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	O/PAK/10/2006	PAK06-10	639	632	0	98.9	1.1
2	O/PAK/16/2006	PAK06-16	639	632	0	98.9	1.1
3	O/PAK/4/2006	PAK06-04	639	632	0	98.9	1.1
4	O/PAK/6/2006	PAK06-06	639	632	0	98.9	1.1
5	O/PAK/8/2006	PAK06-08	639	632	0	98.9	1.1
6	O/PAK/9/2006	PAK06-09	639	632	0	98.9	1.1
7	O/IRN/12/2006	IRN06-12	639	630	0	98.59	1.41
8	O/PAK/11/2006	PAK06-11	639	630	0	98.59	1.41
9	O/PAK/12/2006	PAK06-12	639	630	0	98.59	1.41
10	O/PAK/14/2006	PAK06-14	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	O/TAW/2/99	TAW99-02	639	600	0	93.9	6.1
2	O/IND/53/79 [AF292107]	IND79A53	639	569	0	89.05	10.95
3	O/IND/R2/75* [AF204276]	IND75--A	639	567	0	88.73	11.27
4	O1/Manisa/TUR/69 (AJ251477)	TUR69--E	639	562	0	87.95	12.05
5	O/TAI/189/87* [TRRL]	TAI87-AC	639	552	0	86.38	13.62
6	O/ISR/2/88 (DQ164899)	ISR88-02	639	551	0	86.23	13.77
7	O/MOR/1/91	MOR91-01	639	547	0	85.6	14.4
8	O/PHI/5/95 (DQ164946)	PHI95-05	639	517	0	80.91	19.09
9	O/HKN/6/83	HKN83-06	637	511	2	80.22	19.78
10	O1/BFS 1860/UK/67	UKG67--A	639	512	0	80.13	19.87
nt, nucleotides							
*, not a WRLFMD reference number							

Serotype: O Report date: 08/02/2007
WRL Ref No: IRN/23/2006
Sender Ref: IR 16
Date collected: 09/10/2006
Date received by WRLFMD: 20/11/2006 Topotype: Middle East-South Asia (ME-SA)
Date received for sequencing: 28/11/2006 Genotype/strain: PanAsia
Species: Cattle Sequence filename: IRN06-23.SEQ
Material used: BTy1 Date sequence last updated: 16/01/2007
Region sequenced: VP1 Total no. of comparisons: 1484
RT-PCR primers: O-1C244F/EUR-2B52R; Min. no. of nt for comparison: 300
O-1C272F/EUR-2B52R Total turn-around time: 80 days
No. of Nt determined: 639 Sequencing time: 72 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	O/IRN/12/2006	IRN06-12	639	636	0	99.53	0.47
2	O/IRN/10/2006	IRN06-10	639	635	0	99.37	0.63
3	O/IRN/17/2006	IRN06-17	639	635	0	99.37	0.63
4	O/IRN/19/2006	IRN06-19	639	635	0	99.37	0.63
5	O/IRN/20/2006	IRN06-20	639	635	0	99.37	0.63
6	O/IRN/8/2006	IRN06-08	639	635	0	99.37	0.63
7	O/IRN/9/2006	IRN06-09	639	635	0	99.37	0.63
8	O/IRN/14/2006	IRN06-14	639	634	0	99.22	0.78
9	O/IRN/24/2006	IRN06-24	639	634	0	99.22	0.78
10	O/IRN/26/2006	IRN06-26	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	O/TAW/2/99	TAW99-02	639	604	0	94.52	5.48
2	O/IND/53/79 [AF292107]	IND79A53	639	572	0	89.51	10.49
3	O/IND/R2/75* [AF204276]	IND75--A	639	569	0	89.05	10.95
4	O1/Manisa/TUR/69 (AJ251477)	TUR69--E	639	564	0	88.26	11.74
5	O/ISR/2/88 (DQ164899)	ISR88-02	639	554	0	86.7	13.3
6	O/TAI/189/87* [TRRL]	TAI87-AC	639	553	0	86.54	13.46
7	O/MOR/1/91	MOR91-01	639	550	0	86.07	13.93
8	O/PHI/5/95 (DQ164946)	PHI95-05	639	521	0	81.53	18.47
9	O/HKN/6/83	HKN83-06	637	513	2	80.53	19.47
10	O1/BFS 1860/UK/67	UKG67--A	639	509	0	79.66	20.34

nt, nucleotides

*, not a WRLFMD reference number

Serotype: O	Report date: 08/02/2007						
WRL Ref No: IRN/24/2006							
Sender Ref: IR 26							
Date collected: 09/10/2006							
Date received by WRLFMD: 20/11/2006	Topotype: Middle East-South Asia (ME-SA)						
Date received for sequencing: 27/11/2006	Genotype/strain: PanAsia						
Species: Cattle	Sequence filename: IRN06-24.SEQ						
Material used: BTy1	Date sequence last updated: 07/12/2006						
Region sequenced: VP1	Total no. of comparisons: 1484						
RT-PCR primers: O-1C244F/EUR-2B52R; O-1C272F/EUR-2B52R	Min. no. of nt for comparison: 300						
No. of Nt determined: 639	Total turn-around time: 80 days						
No. of ambiguities: 0	Sequencing time: 73 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	O/IRN/12/2006	IRN06-12	639	637	0	99.69	0.31
2	O/IRN/10/2006	IRN06-10	639	636	0	99.53	0.47
3	O/IRN/17/2006	IRN06-17	639	636	0	99.53	0.47
4	O/IRN/19/2006	IRN06-19	639	636	0	99.53	0.47
5	O/IRN/20/2006	IRN06-20	639	636	0	99.53	0.47
6	O/IRN/8/2006	IRN06-08	639	636	0	99.53	0.47
7	O/IRN/9/2006	IRN06-09	639	636	0	99.53	0.47
8	O/IRN/14/2006	IRN06-14	639	635	0	99.37	0.63
9	O/IRN/26/2006	IRN06-26	639	635	0	99.37	0.63
10	O/PAK/10/2006	PAK06-10	639	635	0	99.37	0.63
Relationships to Reference Virus Strains							
Pos.	Virus name	Filename	No. nt compared	No. nt matched	No. of ambiguities	% Identity	% Difference
1	O/TAW/2/99	TAW99-02	639	605	0	94.68	5.32
2	O/IND/53/79 [AF292107]	IND79A53	639	572	0	89.51	10.49
3	O/IND/R2/75* [AF204276]	IND75--A	639	568	0	88.89	11.11
4	O1/Manisa/TUR/69 (AJ251477)	TUR69--E	639	564	0	88.26	11.74
5	O/TAI/189/87* [TRRL]	TAI87-AC	639	556	0	87.01	12.99
6	O/ISR/2/88 (DQ164899)	ISR88-02	639	555	0	86.85	13.15
7	O/MOR/1/91	MOR91-01	639	551	0	86.23	13.77
8	O/PHI/5/95 (DQ164946)	PHI95-05	639	520	0	81.38	18.62
9	O/HKN/6/83	HKN83-06	637	512	2	80.38	19.62
10	O1/BFS 1860/UK/67	UKG67--A	639	511	0	79.97	20.03
nt, nucleotides							
*, not a WRLFMD reference number							

Serotype: O Report date: 08/02/2007
WRL Ref No: IRN/25/2006
Sender Ref: IR 14
Date collected: 11/10/2006
Date received by WRLFMD: 20/11/2006
Date received for sequencing: 28/11/2006 Topotype: Middle East-South Asia (ME-SA)
Species: Cattle Genotype/strain: PanAsia
Material used: BTy1 Sequence filename: IRN06-25.SEQ
Region sequenced: VP1 Date sequence last updated: 17/01/2007
RT-PCR primers: O-1C244F/EUR-2B52R; O-1C272F/EUR-2B52R Total no. of comparisons: 1484
Min. no. of nt for comparison: 300
No. of Nt determined: 639 Total turn-around time: 80 days
No. of ambiguities: 0 Sequencing time: 72 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	O/PAK/10/2006	PAK06-10	639	634	0	99.22	0.78
2	O/PAK/16/2006	PAK06-16	639	634	0	99.22	0.78
3	O/PAK/4/2006	PAK06-04	639	634	0	99.22	0.78
4	O/PAK/6/2006	PAK06-06	639	634	0	99.22	0.78
5	O/PAK/8/2006	PAK06-08	639	634	0	99.22	0.78
6	O/PAK/9/2006	PAK06-09	639	634	0	99.22	0.78
7	O/IRN/12/2006	IRN06-12	639	632	0	98.9	1.1
8	O/PAK/11/2006	PAK06-11	639	632	0	98.9	1.1
9	O/PAK/12/2006	PAK06-12	639	632	0	98.9	1.1
10	O/PAK/14/2006	PAK06-14	639	632	0	98.9	1.1

Relationships to Reference Virus Strains

Pos.	Virus name	Filename	No. nt compared	No. nt matched	No. of ambiguities	% Identity	% Difference
1	O/TAW/2/99	TAW99-02	639	604	0	94.52	5.48
2	O/IND/53/79 [AF292107]	IND79A53	639	571	0	89.36	10.64
3	O/IND/R2/75* [AF204276]	IND75--A	639	569	0	89.05	10.95
4	O1/Manisa/TUR/69 (AJ251477)	TUR69--E	639	565	0	88.42	11.58
5	O/TAI/189/87* [TRRL]	TAI87-AC	639	555	0	86.85	13.15
6	O/ISR/2/88 (DQ164899)	ISR88-02	639	552	0	86.38	13.62
7	O/MOR/1/91	MOR91-01	639	548	0	85.76	14.24
8	O/PHI/5/95 (DQ164946)	PHI95-05	639	519	0	81.22	18.78
9	O/HKN/6/83	HKN83-06	637	513	2	80.53	19.47
10	O1/BFS 1860/UK/67	UKG67--A	639	510	0	79.81	20.19

nt, nucleotides

*, not a WRLFMD reference number

Serotype: O	Report date: 08/02/2007						
WRL Ref No: IRN/26/2006							
Sender Ref: IR 28							
Date collected: 15/10/2006	Topotype: Middle East-South Asia (ME-SA)						
Date received by WRLFMD: 20/11/2006	Genotype/strain: PanAsia						
Date received for sequencing: 28/11/2006	Sequence filename: IRN06-26.SEQ						
Species: Cattle	Date sequence last updated: 16/01/2007						
Material used: BTy1	Total no. of comparisons: 1484						
Region sequenced: VP1	Min. no. of nt for comparison: 300						
RT-PCR primers: O-1C244F/EUR-2B52R; O-1C272F/EUR-2B52R	Total turn-around time: 80 days						
No. of Nt determined: 639	Sequencing time: 72 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	O/IRN/17/2006	IRN06-17	639	638	0	99.84	0.16
2	O/IRN/12/2006	IRN06-12	639	637	0	99.69	0.31
3	O/IRN/10/2006	IRN06-10	639	636	0	99.53	0.47
4	O/IRN/19/2006	IRN06-19	639	636	0	99.53	0.47
5	O/IRN/20/2006	IRN06-20	639	636	0	99.53	0.47
6	O/IRN/8/2006	IRN06-08	639	636	0	99.53	0.47
7	O/IRN/9/2006	IRN06-09	639	636	0	99.53	0.47
8	O/IRN/14/2006	IRN06-14	639	635	0	99.37	0.63
9	O/IRN/18/2006	IRN06-18	639	635	0	99.37	0.63
10	O/IRN/21/2006	IRN06-21	639	635	0	99.37	0.63
Relationships to Reference Virus Strains							
Pos.	Virus name	Filename	No. nt compared	No. nt matched	No. of ambiguities	% Identity	% Difference
1	O/TAW/2/99	TAW99-02	639	603	0	94.37	5.63
2	O/IND/53/79 [AF292107]	IND79A53	639	570	0	89.2	10.8
3	O/IND/R2/75* [AF204276]	IND75--A	639	568	0	88.89	11.11
4	O1/Manisa/TUR/69 (AJ251477)	TUR69--E	639	562	0	87.95	12.05
5	O/TAI/189/87* [TRRL]	TAI87-AC	639	554	0	86.7	13.3
6	O/ISR/2/88 (DQ164899)	ISR88-02	639	553	0	86.54	13.46
7	O/MOR/1/91	MOR91-01	639	551	0	86.23	13.77
8	O/PHI/5/95 (DQ164946)	PHI95-05	639	518	0	81.06	18.94
9	O/HKN/6/83	HKN83-06	637	510	2	80.06	19.94
10	O1/BFS 1860/UK/67	UKG67--A	639	509	0	79.66	20.34
nt, nucleotides							
*, not a WRLFMD reference number							

Serotype: O Report date: 08/02/2007
WRL Ref No: IRN/27/2006
Sender Ref: IR 17
Date collected: 17/10/2006 Topotype: Middle East-South Asia (ME-SA)
Date received by WRLFMD: 20/11/2006 Genotype/strain: PanAsia
Date received for sequencing: 29/11/2006 Sequence filename: IRN06-27.SEQ
Species: Cattle Date sequence last updated: 17/01/2007
Material used: BTy1 Total no. of comparisons: 1484
Region sequenced: VP1 Min. no. of nt for comparison: 300
RT-PCR primers: O-1C244F/EUR-2B52R; Total turn-around time: 80 days
O-1C272F/EUR-2B52R Sequencing time: 71 days
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	O/IRN/12/2006	IRN06-12	639	633	0	99.06	0.94
2	O/IRN/24/2006	IRN06-24	639	633	0	99.06	0.94
3	O/IRN/10/2006	IRN06-10	639	632	0	98.9	1.1
4	O/IRN/17/2006	IRN06-17	639	632	0	98.9	1.1
5	O/IRN/19/2006	IRN06-19	639	632	0	98.9	1.1
6	O/IRN/20/2006	IRN06-20	639	632	0	98.9	1.1
7	O/IRN/8/2006	IRN06-08	639	632	0	98.9	1.1
8	O/IRN/9/2006	IRN06-09	639	632	0	98.9	1.1
9	O/IRN/14/2006	IRN06-14	639	631	0	98.75	1.25
10	O/IRN/26/2006	IRN06-26	639	631	0	98.75	1.25

Relationships to Reference Virus Strains

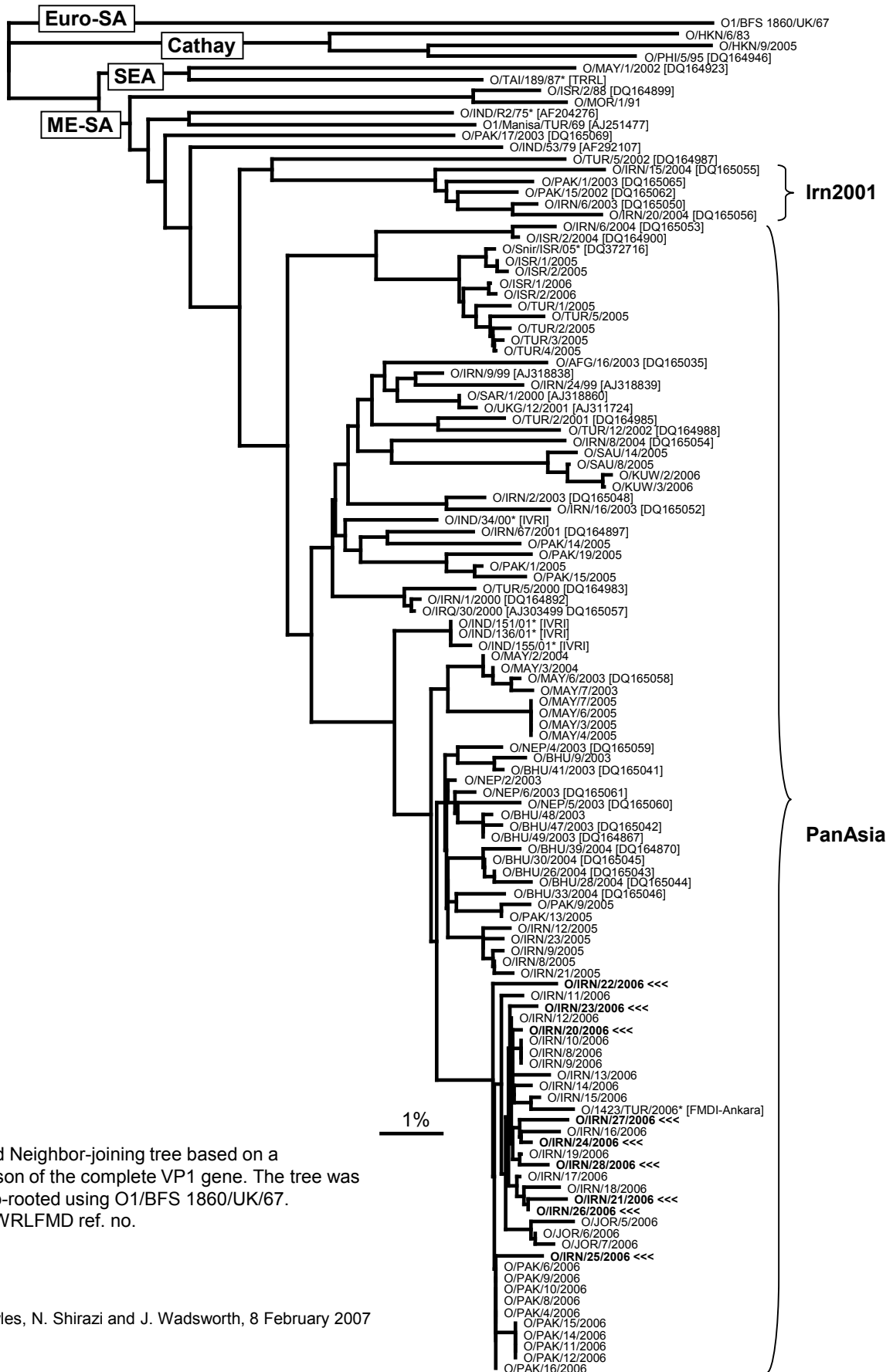
Pos.	Virus name	Filename	No. nt compared	No. nt matched	No. of ambiguities	% Identity	% Difference
1	O/TAW/2/99	TAW99-02	639	599	0	93.74	6.26
2	O/IND/53/79 [AF292107]	IND79A53	639	569	0	89.05	10.95
3	O/IND/R2/75* [AF204276]	IND75--A	639	565	0	88.42	11.58
4	O1/Manisa/TUR/69 (AJ251477)	TUR69--E	639	558	0	87.32	12.68
5	O/TAI/189/87* [TRRL]	TAI87-AC	639	553	0	86.54	13.46
6	O/ISR/2/88 (DQ164899)	ISR88-02	639	549	0	85.92	14.08
7	O/MOR/1/91	MOR91-01	639	545	0	85.29	14.71
8	O/PHI/5/95 (DQ164946)	PHI95-05	639	516	0	80.75	19.25
9	O/HKN/6/83	HKN83-06	637	508	2	79.75	20.25
10	O1/BFS 1860/UK/67	UKG67--A	639	509	0	79.66	20.34

nt, nucleotides

*, not a WRLFMD reference number

Serotype: O	Report date: 08/02/2007						
WRL Ref No: IRN/28/2006							
Sender Ref: IR 27							
Date collected: 25/10/2006							
Date received by WRLFMD: 20/11/2006	Topotype: Middle East-South Asia (ME-SA)						
Date received for sequencing: 29/11/2006	Genotype/strain: PanAsia						
Species: Cattle	Sequence filename: IRN06-28.SEQ						
Material used: BTy1	Date sequence last updated: 16/01/2007						
Region sequenced: VP1	Total no. of comparisons: 1484						
RT-PCR primers: O-1C244F/EUR-2B52R;	Min. no. of nt for comparison: 300						
O-1C272F/EUR-2B52R	Total turn-around time: 80 days						
No. of Nt determined: 639	Sequencing time: 71 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	O/IRN/19/2006	IRN06-19	639	636	0	99.53	0.47
2	O/IRN/12/2006	IRN06-12	639	635	0	99.37	0.63
3	O/IRN/10/2006	IRN06-10	639	634	0	99.22	0.78
4	O/IRN/17/2006	IRN06-17	639	634	0	99.22	0.78
5	O/IRN/20/2006	IRN06-20	639	634	0	99.22	0.78
6	O/IRN/8/2006	IRN06-08	639	634	0	99.22	0.78
7	O/IRN/9/2006	IRN06-09	639	634	0	99.22	0.78
8	O/IRN/14/2006	IRN06-14	639	633	0	99.06	0.94
9	O/IRN/24/2006	IRN06-24	639	633	0	99.06	0.94
10	O/IRN/26/2006	IRN06-26	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	O/TAW/2/99	TAW99-02	639	605	0	94.68	5.32
2	O/IND/53/79 [AF292107]	IND79A53	639	572	0	89.51	10.49
3	O/IND/R2/75* [AF204276]	IND75--A	639	570	0	89.2	10.8
4	O1/Manisa/TUR/69 (AJ251477)	TUR69--E	639	564	0	88.26	11.74
5	O/TAI/189/87* [TRRL]	TAI87-AC	639	556	0	87.01	12.99
6	O/ISR/2/88 (DQ164899)	ISR88-02	639	555	0	86.85	13.15
7	O/MOR/1/91	MOR91-01	639	551	0	86.23	13.77
8	O/PHI/5/95 (DQ164946)	PHI95-05	639	518	0	81.06	18.94
9	O/HKN/6/83	HKN83-06	637	512	2	80.38	19.62
10	O1/BFS 1860/UK/67	UKG67--A	639	511	0	79.97	20.03
nt, nucleotides							
*, not a WRLFMD reference number							

Report on O/Iran/20-28/2006



Unrooted Neighbor-joining tree based on a comparison of the complete VP1 gene. The tree was outgroup-rooted using O1/BFS 1860/UK/67.
 *, not a WRLFMD ref. no.