

Serotype: O	Report date: 23/11/2007						
WRL Ref No: IRN/26/2007							
Sender Ref: IR 86-9							
Date collected: 10/09/2007	Topotype: ME-SA						
Date received by WRLFMD: 24/10/2007	Genotype/strain: PanAsia						
Date received for sequencing: 05/11/2007	Sequence filename: IRN07-26.SEQ						
Species: Cattle	Date sequence last updated: 16/11/2007						
Material used: BTy1	Total no. of comparisons: 1695						
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: 30 days						
No. of Nt determined: 639	Sequencing time: 18 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	635	0	99.37	0.63
2	O/IRN/24/2006	IRN06-24	639	635	0	99.37	0.63
3	O/IRN/59/2006	IRN06-59	639	635	0	99.37	0.63
4	O/IRN/10/2006	IRN06-10	639	634	0	99.22	0.78
5	O/IRN/17/2006	IRN06-17	639	634	0	99.22	0.78
6	O/IRN/19/2006	IRN06-19	639	634	0	99.22	0.78
7	O/IRN/20/2006	IRN06-20	639	634	0	99.22	0.78
8	O/IRN/64/2006	IRN06-64	639	634	0	99.22	0.78
9	O/IRN/8/2006	IRN06-08	639	634	0	99.22	0.78
10	O/IRN/9/2006	IRN06-09	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	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	566	0	88.58	11.42
4	O1/Manisa/TUR/69 (AJ251477)	TUR69--E	639	562	0	87.95	12.05
5	O/TAI/189/87* [TRRL]	TAI87-AC	639	556	0	87.01	12.99
6	O/ISR/2/88 (DQ164899)	ISR88-02	639	553	0	86.54	13.46
7	O/MOR/1/91	MOR91-01	639	549	0	85.92	14.08
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 (J02185)	UKG67--A	639	511	0	79.97	20.03
nt, nucleotides							
*, not a WRLFMD reference number							

Serotype: O
WRL Ref No: IRN/27/2007
Sender Ref: IR 86-14
Date collected: 10/09/2007
Date received by WRLFMD: 24/10/2007
Date received for sequencing: 05/11/2007
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: 23/11/2007
Topotype: ME-SA
Genotype/strain: PanAsia
Sequence filename: IRN07-27.SEQ
Date sequence last updated: 16/11/2007
Total no. of comparisons: 1695
Min. no. of nt for comparison: 300
Total turn-around time: 30 days
Sequencing time: 18 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/31/2007	IRN07-31	639	632	0	98.9	1.1
2	O/IRN/32/2007	IRN07-32	639	632	0	98.9	1.1
3	O/PAK/5/2007	PAK07-05	638	626	1	98.12	1.88
4	O/PAK/31/2007	PAK07-31	637	624	2	97.96	2.04
5	O/PAK/10/2006	PAK06-10	639	625	0	97.81	2.19
6	O/PAK/16/2006	PAK06-16	639	625	0	97.81	2.19
7	O/PAK/4/2006	PAK06-04	639	625	0	97.81	2.19
8	O/PAK/6/2006	PAK06-06	639	625	0	97.81	2.19
9	O/PAK/8/2006	PAK06-08	639	625	0	97.81	2.19
10	O/PAK/9/2006	PAK06-09	639	625	0	97.81	2.19

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	598	0	93.58	6.42
2	O/IND/53/79 [AF292107]	IND79A53	639	568	0	88.89	11.11
3	O1/Manisa/TUR/69 (AJ251477)	TUR69--E	639	566	0	88.58	11.42
4	O/IND/R2/75* [AF204276]	IND75--A	639	564	0	88.26	11.74
5	O/ISR/2/88 (DQ164899)	ISR88-02	639	553	0	86.54	13.46
6	O/TAI/189/87* [TRRL]	TAI87-AC	639	551	0	86.23	13.77
7	O/MOR/1/91	MOR91-01	639	549	0	85.92	14.08
8	O/PHI/5/95 (DQ164946)	PHI95-05	639	524	0	82	18
9	O/HKN/6/83	HKN83-06	637	518	2	81.32	18.68
10	O1/BFS 1860/UK/67 (J02185)	UKG67--A	639	512	0	80.13	19.87

nt, nucleotides

*, not a WRLFMD reference number

Serotype: O	Report date: 23/11/2007						
WRL Ref No: IRN/28/2007							
Sender Ref: IR 86-10							
Date collected: 18/09/2007	Topotype: ME-SA						
Date received by WRLFMD: 24/10/2007	Genotype/strain: PanAsia						
Date received for sequencing: 05/11/2007	Sequence filename: IRN07-28.SEQ						
Species: Cattle	Date sequence last updated: 16/11/2007						
Material used: BTy1	Total no. of comparisons: 1695						
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: 30 days						
No. of Nt determined: 639	Sequencing time: 18 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/29/2007	IRN07-29	639	639	0	100	0
2	O/IRN/1/2007	IRN07-01	639	633	0	99.06	0.94
3	O/IRN/26/2006	IRN06-26	639	632	0	98.9	1.1
4	O/AZB/1/2007* (ARRIAH)	AZB07-AA	639	631	0	98.75	1.25
5	O/IRN/17/2006	IRN06-17	639	631	0	98.75	1.25
6	O/IRN/4/2007	IRN07-04	639	631	0	98.75	1.25
7	O/TUR/731/2007* (FMDI-Ankara)	TUR07-AC	639	631	0	98.75	1.25
8	O/AZB/2/2007* (ARRIAH)	AZB07-AB	639	630	0	98.59	1.41
9	O/IRN/12/2006	IRN06-12	639	630	0	98.59	1.41
10	O/IRN/21/2007	IRN07-21	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	599	0	93.74	6.26
2	O/IND/R2/75* [AF204276]	IND75--A	639	565	0	88.42	11.58
3	O/IND/53/79 [AF292107]	IND79A53	639	563	0	88.11	11.89
4	O1/Manisa/TUR/69 (AJ251477)	TUR69--E	639	559	0	87.48	12.52
5	O/TAI/189/87* [TRRL]	TAI87-AC	639	551	0	86.23	13.77
6	O/ISR/2/88 (DQ164899)	ISR88-02	639	548	0	85.76	14.24
7	O/MOR/1/91	MOR91-01	639	546	0	85.45	14.55
8	O/PHI/5/95 (DQ164946)	PHI95-05	639	517	0	80.91	19.09
9	O/HKN/6/83	HKN83-06	637	509	2	79.91	20.09
10	O1/BFS 1860/UK/67 (J02185)	UKG67--A	639	506	0	79.19	20.81
nt, nucleotides							
*, not a WRLFMD reference number							

Serotype: O
WRL Ref No: IRN/29/2007
Sender Ref: IR 86-15
Date collected: 18/09/2007
Date received by WRLFMD: 24/10/2007
Date received for sequencing: 05/11/2007
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: 23/11/2007
Topotype: ME-SA
Genotype/strain: PanAsia
Sequence filename: IRN07-29.SEQ
Date sequence last updated: 16/11/2007
Total no. of comparisons: 1695
Min. no. of nt for comparison: 300
Total turn-around time: 30 days
Sequencing time: 18 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/28/2007	IRN07-28	639	639	0	100	0
2	O/IRN/1/2007	IRN07-01	639	633	0	99.06	0.94
3	O/IRN/26/2006	IRN06-26	639	632	0	98.9	1.1
4	O/AZB/1/2007* (ARRIAH)	AZB07-AA	639	631	0	98.75	1.25
5	O/IRN/17/2006	IRN06-17	639	631	0	98.75	1.25
6	O/IRN/4/2007	IRN07-04	639	631	0	98.75	1.25
7	O/TUR/731/2007* (FMDI-Ankara)	TUR07-AC	639	631	0	98.75	1.25
8	O/AZB/2/2007* (ARRIAH)	AZB07-AB	639	630	0	98.59	1.41
9	O/IRN/12/2006	IRN06-12	639	630	0	98.59	1.41
10	O/IRN/21/2007	IRN07-21	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	599	0	93.74	6.26
2	O/IND/R2/75* [AF204276]	IND75--A	639	565	0	88.42	11.58
3	O/IND/53/79 [AF292107]	IND79A53	639	563	0	88.11	11.89
4	O1/Manisa/TUR/69 (AJ251477)	TUR69--E	639	559	0	87.48	12.52
5	O/TAI/189/87* [TRRL]	TAI87-AC	639	551	0	86.23	13.77
6	O/ISR/2/88 (DQ164899)	ISR88-02	639	548	0	85.76	14.24
7	O/MOR/1/91	MOR91-01	639	546	0	85.45	14.55
8	O/PHI/5/95 (DQ164946)	PHI95-05	639	517	0	80.91	19.09
9	O/HKN/6/83	HKN83-06	637	509	2	79.91	20.09
10	O1/BFS 1860/UK/67 (J02185)	UKG67--A	639	506	0	79.19	20.81

nt, nucleotides

*, not a WRLFMD reference number

Serotype: O		Report date: 23/11/2007					
WRL Ref No: IRN/30/2007							
Sender Ref: IR 86-12							
Date collected: 23/09/2007							
Date received by WRLFMD: 24/10/2007		Topotype: ME-SA					
Date received for sequencing: 05/11/2007		Genotype/strain: PanAsia					
Species: Cattle		Sequence filename: IRN07-30.SEQ					
Material used: BTy1		Date sequence last updated: 16/11/2007					
Region sequenced: VP1		Total no. of comparisons: 1695					
RT-PCR primers: O-1C244F/EUR-2B52R;		Min. no. of nt for comparison: 300					
O-1C272F/EUR-2B52R		Total turn-around time: 30 days					
No. of Nt determined: 639		Sequencing time: 18 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/TUR/14/2007	TUR07-14	639	633	0	99.06	0.94
2	O/IRN/39/2006	IRN06-39	639	632	0	98.9	1.1
3	O/JOR/6/2006	JOR06-06	639	632	0	98.9	1.1
4	O/TUR/4/2007	TUR07-04	639	632	0	98.9	1.1
5	O/IRN/12/2006	IRN06-12	639	631	0	98.75	1.25
6	O/IRN/10/2006	IRN06-10	639	630	0	98.59	1.41
7	O/IRN/17/2006	IRN06-17	639	630	0	98.59	1.41
8	O/IRN/19/2006	IRN06-19	639	630	0	98.59	1.41
9	O/IRN/20/2006	IRN06-20	639	630	0	98.59	1.41
10	O/IRN/38/2006	IRN06-38	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	598	0	93.58	6.42
2	O/IND/R2/75* [AF204276]	IND75--A	639	569	0	89.05	10.95
3	O/IND/53/79 [AF292107]	IND79A53	639	567	0	88.73	11.27
4	O1/Manisa/TUR/69 (AJ251477)	TUR69--E	639	559	0	87.48	12.52
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	547	0	85.6	14.4
8	O/PHI/5/95 (DQ164946)	PHI95-05	639	520	0	81.38	18.62
9	O/HKN/6/83	HKN83-06	637	511	2	80.22	19.78
10	O1/BFS 1860/UK/67 (J02185)	UKG67--A	639	508	0	79.5	20.5
nt, nucleotides							
*, not a WRLFMD reference number							

Serotype: O
WRL Ref No: IRN/31/2007
Sender Ref: IR 86-1
Date collected: 27/09/2007
Date received by WRLFMD: 24/10/2007
Date received for sequencing: 05/11/2007
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: 23/11/2007
Topotype: ME-SA
Genotype/strain: PanAsia
Sequence filename: IRN07-31.SEQ
Date sequence last updated: 16/11/2007
Total no. of comparisons: 1695
Min. no. of nt for comparison: 300
Total turn-around time: 30 days
Sequencing time: 18 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/32/2007	IRN07-32	639	639	0	100	0
2	O/IRN/27/2007	IRN07-27	639	632	0	98.9	1.1
3	O/PAK/5/2007	PAK07-05	638	623	1	97.65	2.35
4	O/PAK/31/2007	PAK07-31	637	621	2	97.49	2.51
5	O/PAK/10/2006	PAK06-10	639	622	0	97.34	2.66
6	O/PAK/16/2006	PAK06-16	639	622	0	97.34	2.66
7	O/PAK/4/2006	PAK06-04	639	622	0	97.34	2.66
8	O/PAK/6/2006	PAK06-06	639	622	0	97.34	2.66
9	O/PAK/8/2006	PAK06-08	639	622	0	97.34	2.66
10	O/PAK/9/2006	PAK06-09	639	622	0	97.34	2.66

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	595	0	93.11	6.89
2	O1/Manisa/TUR/69 (AJ251477)	TUR69--E	639	565	0	88.42	11.58
3	O/IND/53/79 [AF292107]	IND79A53	639	563	0	88.11	11.89
4	O/IND/R2/75* [AF204276]	IND75--A	639	559	0	87.48	12.52
5	O/ISR/2/88 (DQ164899)	ISR88-02	639	551	0	86.23	13.77
6	O/MOR/1/91	MOR91-01	639	548	0	85.76	14.24
7	O/TAI/189/87* [TRRL]	TAI87-AC	639	548	0	85.76	14.24
8	O/PHI/5/95 (DQ164946)	PHI95-05	639	522	0	81.69	18.31
9	O/HKN/6/83	HKN83-06	637	514	2	80.69	19.31
10	O1/BFS 1860/UK/67 (J02185)	UKG67--A	639	509	0	79.66	20.34

nt, nucleotides

*, not a WRLFMD reference number

Serotype: O		Report date: 23/11/2007					
WRL Ref No: IRN/32/2007							
Sender Ref: IR 86-2							
Date collected: 27/09/2007							
Date received by WRLFMD: 24/10/2007		Topotype: ME-SA					
Date received for sequencing: 05/11/2007		Genotype/strain: PanAsia					
Species: Cattle		Sequence filename: IRN07-32.SEQ					
Material used: BTy1		Date sequence last updated: 16/11/2007					
Region sequenced: VP1		Total no. of comparisons: 1695					
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: 30 days					
No. of ambiguities: 0		Sequencing time: 18 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/31/2007	IRN07-31	639	639	0	100	0
2	O/IRN/27/2007	IRN07-27	639	632	0	98.9	1.1
3	O/PAK/5/2007	PAK07-05	638	623	1	97.65	2.35
4	O/PAK/31/2007	PAK07-31	637	621	2	97.49	2.51
5	O/PAK/10/2006	PAK06-10	639	622	0	97.34	2.66
6	O/PAK/16/2006	PAK06-16	639	622	0	97.34	2.66
7	O/PAK/4/2006	PAK06-04	639	622	0	97.34	2.66
8	O/PAK/6/2006	PAK06-06	639	622	0	97.34	2.66
9	O/PAK/8/2006	PAK06-08	639	622	0	97.34	2.66
10	O/PAK/9/2006	PAK06-09	639	622	0	97.34	2.66
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	595	0	93.11	6.89
2	O1/Manisa/TUR/69 (AJ251477)	TUR69--E	639	565	0	88.42	11.58
3	O/IND/53/79 [AF292107]	IND79A53	639	563	0	88.11	11.89
4	O/IND/R2/75* [AF204276]	IND75--A	639	559	0	87.48	12.52
5	O/ISR/2/88 (DQ164899)	ISR88-02	639	551	0	86.23	13.77
6	O/MOR/1/91	MOR91-01	639	548	0	85.76	14.24
7	O/TAI/189/87* [TRRL]	TAI87-AC	639	548	0	85.76	14.24
8	O/PHI/5/95 (DQ164946)	PHI95-05	639	522	0	81.69	18.31
9	O/HKN/6/83	HKN83-06	637	514	2	80.69	19.31
10	O1/BFS 1860/UK/67 (J02185)	UKG67--A	639	509	0	79.66	20.34
nt, nucleotides							
*, not a WRLFMD reference number							

Serotype: O
WRL Ref No: IRN/33/2007
Sender Ref: IR 86-3
Date collected: 27/09/2007
Date received by WRLFMD: 24/10/2007
Date received for sequencing: 05/11/2007
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: 23/11/2007
Topotype: ME-SA
Genotype/strain: PanAsia
Sequence filename: IRN07-33.SEQ
Date sequence last updated: 16/11/2007
Total no. of comparisons: 1695
Min. no. of nt for comparison: 300
Total turn-around time: 30 days
Sequencing time: 18 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/7/2007	IRN07-07	639	633	0	99.06	0.94
2	O/IRN/15/2006	IRN06-15	639	632	0	98.9	1.1
3	O/IRN/35/2006	IRN06-35	639	632	0	98.9	1.1
4	O/IRN/55/2006	IRN06-55	639	632	0	98.9	1.1
5	O/TUR/13/2007	TUR07-13	639	632	0	98.9	1.1
6	O/IRN/12/2006	IRN06-12	639	631	0	98.75	1.25
7	O/IRN/37/2006	IRN06-37	639	631	0	98.75	1.25
8	O/IRN/48/2006	IRN06-48	639	631	0	98.75	1.25
9	O/IRN/49/2006	IRN06-49	639	631	0	98.75	1.25
10	O/IRN/56/2006	IRN06-56	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/R2/75* [AF204276]	IND75--A	639	568	0	88.89	11.11
3	O/IND/53/79 [AF292107]	IND79A53	639	567	0	88.73	11.27
4	O1/Manisa/TUR/69 (AJ251477)	TUR69--E	639	562	0	87.95	12.05
5	O/ISR/2/88 (DQ164899)	ISR88-02	639	554	0	86.7	13.3
6	O/TAI/189/87* [TRRL]	TAI87-AC	639	552	0	86.38	13.62
7	O/MOR/1/91	MOR91-01	639	550	0	86.07	13.93
8	O/PHI/5/95 (DQ164946)	PHI95-05	639	514	0	80.44	19.56
9	O/HKN/6/83	HKN83-06	637	508	2	79.75	20.25
10	O1/BFS 1860/UK/67 (J02185)	UKG67--A	639	508	0	79.5	20.5

nt, nucleotides

*, not a WRLFMD reference number

Serotype: O	Report date: 23/11/2007						
WRL Ref No: IRN/34/2007							
Sender Ref: IR 86-13							
Date collected: 29/09/2007	Topotype: ME-SA						
Date received by WRLFMD: 24/10/2007	Genotype/strain: PanAsia						
Date received for sequencing: 05/11/2007	Sequence filename: IRN07-34.SEQ						
Species: Cattle	Date sequence last updated: 16/11/2007						
Material used: BTy1	Total no. of comparisons: 1695						
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: 30 days						
No. of Nt determined: 639	Sequencing time: 18 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/13/2007	IRN07-13	639	634	0	99.22	0.78
9	O/IRN/14/2006	IRN06-14	639	634	0	99.22	0.78
10	O/IRN/20/2007	IRN07-20	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	606	0	94.84	5.16
2	O/IND/53/79 [AF292107]	IND79A53	639	570	0	89.2	10.8
3	O/IND/R2/75* [AF204276]	IND75--A	639	567	0	88.73	11.27
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	552	0	86.38	13.62
7	O/MOR/1/91	MOR91-01	639	550	0	86.07	13.93
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 (J02185)	UKG67--A	639	509	0	79.66	20.34
nt, nucleotides							
*, not a WRLFMD reference number							

