

Serotype: O		Report date: 02/03/2007					
WRL Ref No: UAE/1/2007							
Sender Ref: D 61/07							
Date collected: 10/01/2007							
Date received by WRLFMD: 09/02/2007		Topotype: ME-SA					
Date received for sequencing: 14/02/2007		Genotype/strain: PanAsia					
Species: Gazelle		Sequence filename: UAE07-01.SEQ					
Material used: BTy2		Date sequence last updated: 01/03/2007					
Region sequenced: VP1		Total no. of comparisons: 1501					
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: 21 days					
No. of ambiguities: 0		Sequencing time: 16 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/UAE/2/2007	UAE07-02	639	639	0	100	0
2	O/IRN/12/2006	IRN06-12	639	632	0	98.9	1.1
3	O/IRN/24/2006	IRN06-24	639	632	0	98.9	1.1
4	O/IRN/10/2006	IRN06-10	639	631	0	98.75	1.25
5	O/IRN/17/2006	IRN06-17	639	631	0	98.75	1.25
6	O/IRN/19/2006	IRN06-19	639	631	0	98.75	1.25
7	O/IRN/20/2006	IRN06-20	639	631	0	98.75	1.25
8	O/IRN/8/2006	IRN06-08	639	631	0	98.75	1.25
9	O/IRN/9/2006	IRN06-09	639	631	0	98.75	1.25
10	O/IRN/14/2006	IRN06-14	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	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	564	0	88.26	11.74
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	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	512	2	80.38	19.62
10	O1/BFS 1860/UK/67	UKG67--A	639	512	0	80.13	19.87
nt, nucleotides							
*, not a WRLFMD reference number							

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WRL Ref No: UAE/2/2007
Sender Ref: D 61/07
Date collected: 10/01/2007
Date received by WRLFMD: 09/02/2007 Topotype: ME-SA
Date received for sequencing: 14/02/2007 Genotype/strain: PanAsia
Species: Gazelle Sequence filename: UAE07-02.SEQ
Material used: BHK BTy2 Date sequence last updated: 01/03/2007
Region sequenced: VP1 Total no. of comparisons: 1501
RT-PCR primers: O-1C244F/EUR-2B52R; Min. no. of nt for comparison: 300
O-1C272F/EUR-2B52R Total turn-around time: 21 days
No. of Nt determined: 639 Sequencing time: 16 days
No. of ambiguities: 0
Gene length: 639

Comments:

Ten Most Closely Related Viruses

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7	O/IRN/20/2006	IRN06-20	639	631	0	98.75	1.25
8	O/IRN/8/2006	IRN06-08	639	631	0	98.75	1.25
9	O/IRN/9/2006	IRN06-09	639	631	0	98.75	1.25
10	O/IRN/14/2006	IRN06-14	639	630	0	98.59	1.41

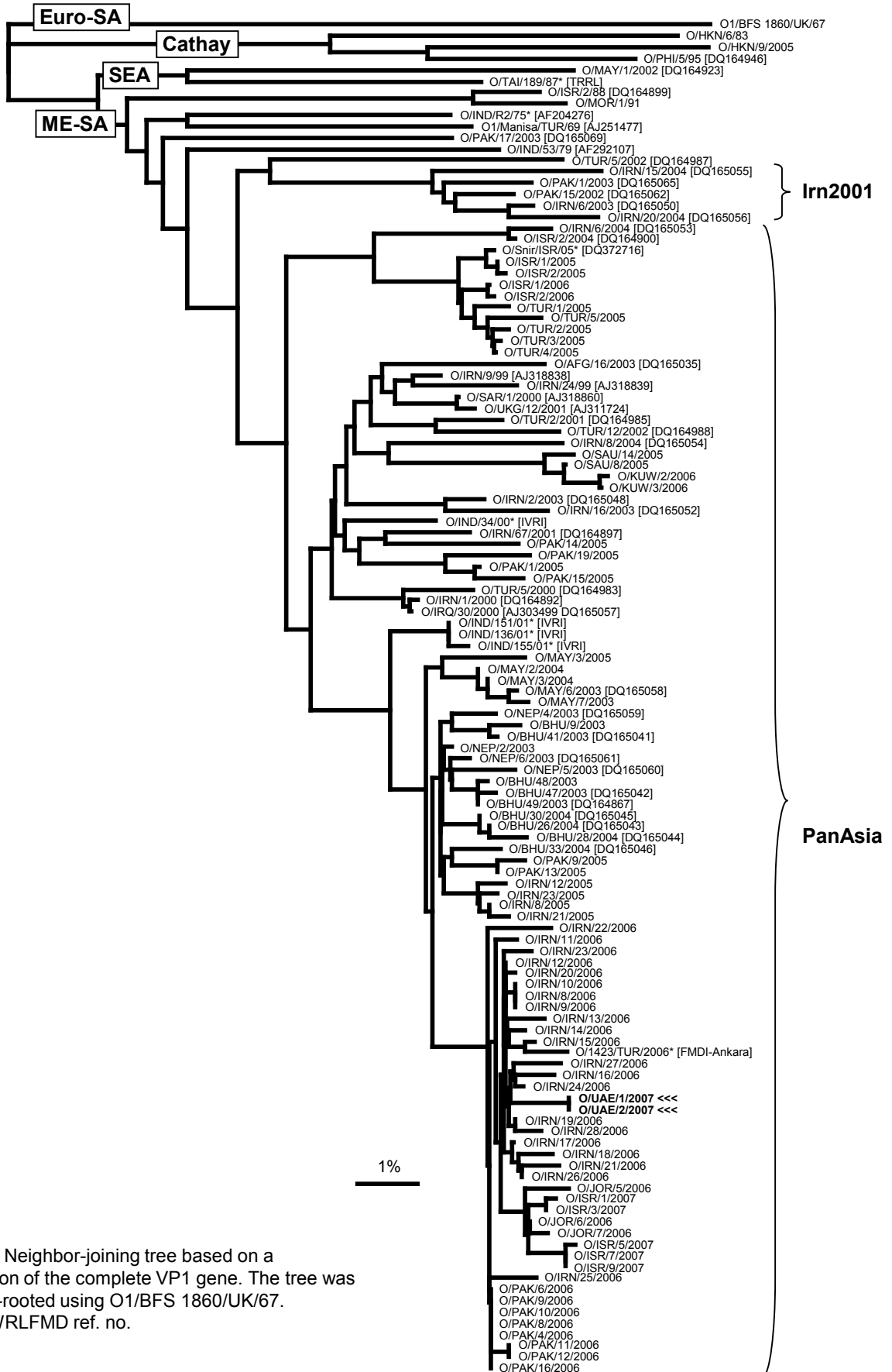
Relationships to Reference Virus Strains

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nt, nucleotides

*, not a WRLFMD reference number

Report on O/UAE/2007



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.