

Molecular Epidemiology Report Form

IAH-P-EP-MEG-FOR-005-1

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Serotype: O WRL Ref No: IRN/26/2007 Sender Ref: IR 86-9 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 Reported by: N.J. Knowles Checked by: D.P. King Topotype: ME-SA Genotype/strain: PanAsia Sequence filename: IRN07-26.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																																																																																								
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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 Reported by: N.J. Knowles Checked by: D.P. King 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																																																																																								
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Serotype: O WRL Ref No: IRN/28/2007 Sender Ref: IR 86-10 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 Reported by: N.J. Knowles Checked by: D.P. King Topotype: ME-SA Genotype/strain: PanAsia Sequence filename: IRN07-28.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																																																																																								
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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 Reported by: N.J. Knowles Checked by: D.P. King 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																																																																																								
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Serotype: O WRL Ref No: IRN/30/2007 Sender Ref: IR 86-12 Date collected: 23/09/2007 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 Reported by: N.J. Knowles Checked by: D.P. King Topotype: ME-SA Genotype/strain: PanAsia Sequence filename: IRN07-30.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																																																																																								
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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 Reported by: N.J. Knowles Checked by: D.P. King 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																																																																																								
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Serotype: O WRL Ref No: IRN/32/2007 Sender Ref: IR 86-2 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 Reported by: N.J. Knowles Checked by: D.P. King Topotype: ME-SA Genotype/strain: PanAsia Sequence filename: IRN07-32.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																																																																																								
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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 Reported by: N.J. Knowles Checked by: D.P. King 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																																																																																								
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Molecular Epidemiology Report Form

IAH-P-EP-MEG-FOR-005-1

Page 1 of 1

Serotype: O WRL Ref No: IRN/34/2007 Sender Ref: IR 86-13 Date collected: 29/09/2007 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 Reported by: N.J. Knowles Checked by: D.P. King Topotype: ME-SA Genotype/strain: PanAsia Sequence filename: IRN07-34.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																																																																																								
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Report on FMD type O viruses from Iran in 2007

No. of Taxa : 187
 Data File : n:\levd\meg\db\fmdv\o\IRN2007d.meg
 Data Title : Iran & Bhutan 2007
 Data Type : Nucleotide (Coding)
 Analysis : Phylogeny reconstruction
 Tree Inference : =====
 Method : Neighbor-Joining
 Phylogeny Test and options : Bootstrap (1000 replicates; seed=64238)
 Include Sites : =====
 Gaps/Missing Data : Pairwise Deletion
 Codon Positions : 1st+2nd+3rd+Noncoding
 Substitution Model : =====
 Model : Nucleotide: Kimura 2-parameter
 Substitutions to Include : d: Transitions + Transversions
 Pattern among Lineages : Same (Homogeneous)
 Rates among sites : Uniform rates
 No. of Sites : 639
 No Of Bootstrap Reps = 1000
 Only bootstrap values of 70% and above are shown

* , not a WRLFMD Ref. No.

N.J. Knowles & J. Wadsworth, 26 November 2007

