

Molecular Epidemiology Report Form

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

Page 1 of 1

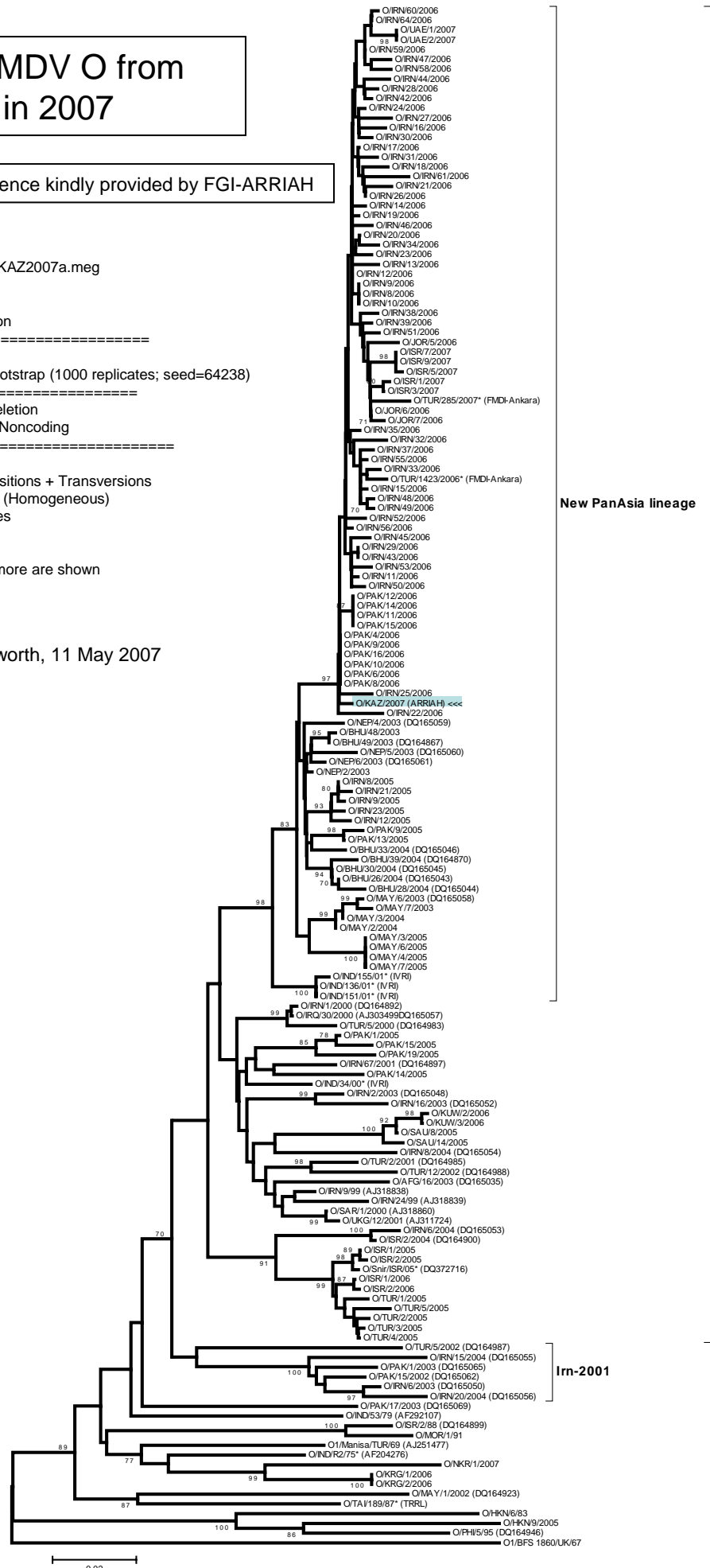
Serotype: O WRL Ref No: Kazakhstan/2007 Sender Ref: O/Kazakhstan/2007 Date collected: April 2007 Date received by WRLFMD: 11/05/2007 Date received for sequencing: n/a Species: cattle Material used: not known Region sequenced: VP1 RT-PCR primers: not known No. of Nt determined: 639 No. of ambiguities: 0 Gene length: 639	Report date: 11/05/2007 Reported by: N.J. Knowles Checked by: D.P. King Topotype: ME-SA Genotype/strain: PanAsia Sequence filename: KAZ07-AA.SEQ Date sequence last updated: 11/05/2007 Total no. of comparisons: 1576 Min. no. of nt for comparison: 300 Total turn-around time: 0 days Sequencing time: n/a																																																																																								
Comments: Complete VP1 sequence received from FGI-ARRIAH.																																																																																									
Ten Most Closely Related Viruses																																																																																									
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nt, nucleotides *, not a WRLFMD reference number																																																																																									

Report on FMDV O from Kazakhstan in 2007

O/Kazakhstan/2007 sequence kindly provided by FGI-ARRIAH

Software: MEGA 3.1
 No. of Taxa : 158
 Data File : n:\evd\meg\db\fmdv\o\KAZ2007a.meg
 Data Title : KAZ 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: p-distance
 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% or more are shown

N.J. Knowles & J. Wadsworth, 11 May 2007



New PanAsia lineage

PanAsia

Irn-2001

0.02