

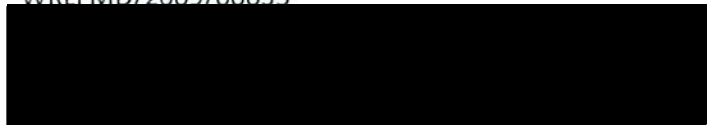


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FMD Sequencing Report

Lab Reference WRL Batch Number: WRLFMD/2009/00035

Sender Details:

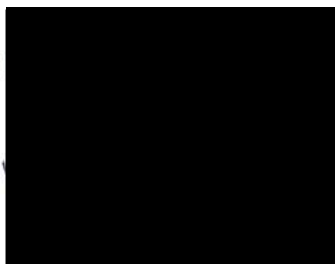


Date Received: 22nd June 2009
Country of Origin: Taiwan
Date Reported: 13th August 2009

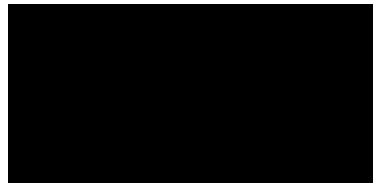
Dear 

Sequencing work has now been completed in respect of the samples you submitted and the details are as attached. Please note that all of our phylogenetic trees can be accessed via the internet at: <http://www.wrlfmd.org/>

Results Approved



Official Stamp:



Date: 13/08/09



To help us improve the quality of our service, please send any suggestions or requests to the Reference Laboratory by fax (+44 (0) 1483 232621 or email: elizabeth.byrom@bbsrc.ac.uk)

Molecular Epidemiology Report Form

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

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Serotype: O WRL Ref No: TAW/1/2009 Sender Ref: FMDV/Yun-Lin/2009 Date collected: 04/02/2009 Date received by WRLFMD: 22/06/2009 Date received for sequencing: 25/06/2009 Species: PIG Material used: RS1 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: 12/08/2009 Reported by: N.J. Knowles Checked by: D.P. King Topotype: CATHAY Genotype/strain: none designated Sequence filename: TAW09-01.SEQ Date sequence last updated: 07/08/2009 Total no. of comparisons: 2024 Min. no. of nt for comparison: 300 Total turn-around time: 51 days Sequencing time: 48 days						
Comments:							
Ten Most Closely Related Viruses							
Pos.	Virus name	Filename	No. nt compared	No. nt matched	No. of ambiguities	% Identity	% Difference
1	O/Yunlin/TAW/97 (AF308157)	TAW97-B	639	583	0	91.24	8.76
2	O/Chu-Pei/TAW/97	TAW97-A	639	582	0	91.08	8.92
3	O/Penghu/TAI/99 (AY593833)	TAW99-B	639	582	0	91.08	8.92
4	O/TAI/97 (AY593835)	TAW97-C	639	582	0	91.08	8.92
5	O/TAW/4/99 (AJ294928)	TAW99-04	638	581	1	91.07	8.93
6	O/TAW/81/97	TAW97-81	637	580	2	91.05	8.95
7	O/TAW/36/97	TAW97-36	619	562	5	90.79	9.21
8	O/TAW/117/97	TAW97117	386	350	15	90.67	9.33
9	O/TAW/111/97	TAW97111	605	548	5	90.58	9.42
10	O/TAW/83/97	TAW97-83	633	573	6	90.52	9.48
Relationships to Reference Virus Strains							
Pos.	Virus name	Filename	No. nt compared	No. nt matched	No. of ambiguities	% Identity	% Difference
1	O/PHI/5/95 (DQ164946)	PHI95-05	639	570	0	89.2	10.8
2	O/HKN/6/83 (AJ294919)	HKN83-06	637	539	2	84.62	15.38
3	O/IND/53/79 [AF292107]	IND79A53	639	509	0	79.66	20.34
4	O/TAW/2/99 (AJ294927)	TAW99-02	639	506	0	79.19	20.81
5	O/MOR/1/91	MOR91-01	639	499	0	78.09	21.91
6	O/ISR/2/88 (DQ164899)	ISR88-02	639	498	0	77.93	22.07
7	O1/Manisa/TUR/69 (AJ251477)	TUR69-E	639	495	0	77.46	22.54
8	O/IND/R2/75* [AF204276]	IND75-A	639	494	0	77.31	22.69
9	O/TAI/189/87* [TRRL]	TAI87-AC	639	494	0	77.31	22.69
10	O1/BFS 1860/UK/67 (J02185)	UKG67-A	639	476	0	74.49	25.51
nt, nucleotides *, not a WRLFMD reference number							

