

Serotype: A	Report date: 02/11/2006						
WRL Ref No: MAY/5/2005							
Sender Ref: MVKKB 2409/05							
Date collected: 24/10/2005							
Date received by WRLFMD: 23/12/2005	Topotype: Asia						
Date received for sequencing: 16/01/2006	Genotype/strain: none designated						
Species: Cattle	Sequence filename: MAY05-05.SEQ						
Material used: BTy1	Date sequence last updated: 21/09/2006						
Region sequenced: VP1	Total no. of comparisons: 738						
RT-PCR primers: A-1C562F/EUR-2B52R; A-1C612F/EUR-2B52R	Min. no. of nt for comparison: 300						
No. of Nt determined: 636	Total turn-around time: 314 days						
No. of ambiguities: 0	Sequencing time: 290 days						
Gene length: 636							
Comments:							
<b>Ten Most Closely Related Viruses</b>							
Pos.	Virus name	Filename	No. nt compared	No. nt matched	No. of ambiguities	% Identity	% Difference
1	A/TAI/2/2005	TAI05-02	636	630	0	99.06	0.94
2	A/TAI/7/2005	TAI05-07	636	627	0	98.58	1.42
3	A/TAI/4/2005	TAI05-04	636	624	0	98.11	1.89
4	A/TAI/2/98	TAI98-02	634	601	2	94.79	5.21
5	A/TAI/1/99	TAI99-01	634	600	2	94.64	5.36
6	A/TAI/6/99	TAI99-06	636	600	0	94.34	5.66
7	A/TAI/7/99	TAI99-07	617	580	2	94	6
8	A/MAY/15/97	MAY97-15	375	352	11	93.87	6.13
9	A/TAI/3/2001	TAI01-03	633	594	3	93.84	6.16
10	A/TAI/3/99	TAI99-03	511	479	23	93.74	6.26
<b>Relationships to Reference Virus Strains</b>							
Pos.	Virus name	Filename	No. nt compared	No. nt matched	No. of ambiguities	% Identity	% Difference
1	A/TAI/2/97	TAI97-02	636	596	0	93.71	6.29
2	A/TAI/118/87*	TAI87-AD	636	575	0	90.41	9.59
3	A/IND/7/82 (1980)	IND82-07	636	534	0	83.96	16.04
4	A/SAU/41/91	SAU91-41	633	529	0	83.57	16.43
5	A/SAU/23/86	SAU86-23	636	527	0	82.86	17.14
6	A/IRN/87	IRN87--M	634	525	2	82.81	17.19
7	A22/IRQ/24/64 (AJ251474)	IRQ64-24	636	523	0	82.23	17.77
8	A/IRN/1/96	IRN96-01	635	521	1	82.05	17.95
9	A/IRN/22/99	IRN99-22	633	517	0	81.67	18.33
10	A24/Cruzeiro/BRA/55 (AJ251476)	BRA55--C	636	510	0	80.19	19.81
nt, nucleotides							
*, not a WRLFMD reference number							

# Report on FMDV A from Malaysia in 2005

