

Serotype: A Report date: 15/02/2008
WRL Ref No: ETH/4/2007
Sender Ref: ETH/12/07/ORO
Date collected: 07/12/2007 Topotype: AFRICA
Date received by WRLFMD: 02/02/2008 Genotype/strain: none designated
Date received for sequencing: 07/02/2008 Sequence filename: ETH07-04.SEQ
Species: Cattle Date sequence last updated: 12/02/2008
Material used: BTy1 Total no. of comparisons: 919
Region sequenced: VP1 Min. no. of nt for comparison: 300
RT-PCR primers: A-1C562F/EUR2B-52R; Total turn-around time: 13 days
A-1C612F/EUR2B-52R Sequencing time: 8 days
No. of Nt determined: 639
No. of ambiguities: 0
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	A/EGY/1/2006 (EF208757)	EGY06-01	639	609	0	95.31	4.69
2	A/EGY/4/2006 (EF208760)	EGY06-04	639	609	0	95.31	4.69
3	A/EGY/2/2006 (EF208758)	EGY06-02	639	608	0	95.15	4.85
4	A/EGY/6/2006	EGY06-06	639	608	0	95.15	4.85
5	A/EGY/7/2006	EGY06-07	639	608	0	95.15	4.85
6	A/EGY/9/2006	EGY06-09	639	608	0	95.15	4.85
7	A/EGY/3/2006 (EF208759)	EGY06-03	639	607	0	94.99	5.01
8	A/KEN/29/2005 (EF208773)	KEN05-29	639	607	0	94.99	5.01
9	A/EGY/5/2006 (EF208761)	EGY06-05	639	606	0	94.84	5.16
10	A/KEN/15/98 (EF208774)	KEN98-15	639	594	0	92.96	7.04

Relationships to Reference Virus Strains

Pos.	Virus name	Filename	No. nt compared	No. nt matched	No. of ambiguities	% Identity	% Difference
1	A/SAU/41/91	SAU91-41	636	514	0	80.82	19.18
2	A22/IRQ/24/64 (AJ251474)	IRQ64-24	639	514	0	80.44	19.56
3	A/IRN/2/87 (EF208770)	IRN87-02	636	510	0	80.19	19.81
4	A24/Cruzeiro/BRA/55 (AJ251476)	BRA55--C	639	511	0	79.97	20.03
5	A/TAI/2/97 (EF208778)	TAI97-02	636	505	0	79.4	20.6
6	A/TAI/118/87* (EF208777)	TAI87-AD	636	503	0	79.09	20.91
7	A/IRN/1/2005 (EF208769)	IRN05-01	639	503	0	78.72	21.28
8	A/IRN/1/96 (EF208771)	IRN96-01	638	502	1	78.68	21.32
9	A/SAU/23/86 (EU414536)	SAU86-23	639	497	0	77.78	22.22
10	A/IRN/22/99 (EF208772)	IRN99-22	636	488	0	76.73	23.27

nt, nucleotides
*, not a WRLFMD reference number

