

Serotype: O	Report date: 07/06/2005
WRL Ref No: HKN/13/2004	
Sender Ref: FMD 09/04 D04-879(1)	
Date collected: 21/12/2004	
Date received by WRLFMD: 25/04/2005	Topotype: Cathay
Date received for sequencing: 04/05/2005	Genotype/strain: none
Species: Porcine	Sequence filename: HKN04-13.SEQ
Material used: RS1	Date sequence last updated: 13/05/2005
Region sequenced: VP1	Total no. of comparisons: 1690
RT-PCR primers: O-1C272F/NK61	Min. no. of nt for comparison: 300
No. of Nt determined: 639	Total turn-around time: 43 days
No. of ambiguities: 0	Sequencing time: 34 days
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	O/HKN/10/2004	HKN04-10	639	631	0	98.75	1.25
2	O/HKN/7/2004	HKN04-07	639	629	0	98.44	1.56
3	O/HKN/3/2004	HKN04-03	639	628	0	98.28	1.72
4	O/HKN/11/2004	HKN04-11	639	627	0	98.12	1.88
5	O/HKN/6/2004	HKN04-06	639	626	0	97.97	2.03
6	O/HKN/8/2004	HKN04-08	639	626	0	97.97	2.03
7	O/HKN/12/2004	HKN04-12	639	626	0	97.97	2.03
8	O/HKN/4/2004	HKN04-04	639	625	0	97.81	2.19
9	O/HKN/9/2004	HKN04-09	639	625	0	97.81	2.19
10	O/HKN/12/2005	HKN05-12	639	623	0	97.5	2.5

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	PHI95-05	639	589	0	92.18	7.82
2	O/HKN/6/83	HKN83-06	637	549	2	86.19	13.81
3	O/ISR/2/88	ISR88-02	639	520	0	81.38	18.62
4	O/IND/53/79 [AF292107]	IND79A53	639	517	0	80.91	19.09
5	O/MOR/1/91	MOR91-01	639	516	0	80.75	19.25
6	O1/Manisa/TUR/69	TUR69--E	639	512	0	80.13	19.87
7	O/TAW/2/99	TAW99-02	639	511	0	79.97	20.03
8	O/TAI/189/87* [TRRL]	TAI87-AC	639	506	0	79.19	20.81
9	O/IND/R2/75* [AF204276]	IND75--A	639	500	0	78.25	21.75
10	O1/BFS 1860/UK/67	UKG67--A	639	490	0	76.68	23.32

nt, nucleotides

*, not a WRLFMD reference number

Serotype: O
WRL Ref No: HKN/9/2005
Sender Ref: FMD 01/05 D05-155(1)
Date collected: 25/02/2005
Date received by WRLFMD: 25/04/2005
Date received for sequencing: 04/05/2005
Species: Porcine
Material used: RS1
Region sequenced: VP1
RT-PCR primers: O-1C272F/NK61;
A-1C612F/EUR-2B52R
No. of Nt determined: 639
No. of ambiguities: 0
Gene length: 639

Report date: 07/06/2005
Topotype: Cathay
Genotype/strain: none
Sequence filename: HKN05-09.SEQ
Date sequence last updated: 18/05/2005
Total no. of comparisons: 1690
Min. no. of nt for comparison: 300
Total turn-around time: 43 days
Sequencing time: 34 days

Comments:

Ten Most Closely Related Viruses

Pos.	Virus name	Filename	No. nt compared	No. nt matched	No. of ambiguities	% Identity	% Difference
1	O/HKN/10/2005	HKN05-10	639	639	0	100	0
2	O/HKN/9/2004	HKN04-09	639	635	0	99.37	0.63
3	O/HKN/12/2004	HKN04-12	639	634	0	99.22	0.78
4	O/HKN/12/2005	HKN05-12	639	633	0	99.06	0.94
5	O/HKN/3/2004	HKN04-03	639	632	0	98.9	1.1
6	O/HKN/11/2004	HKN04-11	639	631	0	98.75	1.25
7	O/HKN/14/2005	HKN05-14	639	630	0	98.59	1.41
8	O/HKN/6/2004	HKN04-06	639	630	0	98.59	1.41
9	O/HKN/8/2004	HKN04-08	639	630	0	98.59	1.41
10	O/HKN/7/2004	HKN04-07	639	629	0	98.44	1.56

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	PHI95-05	639	587	0	91.86	8.14
2	O/HKN/6/83	HKN83-06	637	550	2	86.34	13.66
3	O/IND/53/79 [AF292107]	IND79A53	639	520	0	81.38	18.62
4	O/ISR/2/88	ISR88-02	639	515	0	80.59	19.41
5	O1/Manisa/TUR/69	TUR69--E	639	514	0	80.44	19.56
6	O/TAW/2/99	TAW99-02	639	513	0	80.28	19.72
7	O/MOR/1/91	MOR91-01	639	511	0	79.97	20.03
8	O/TAI/189/87* [TRRL]	TAI87-AC	639	509	0	79.66	20.34
9	O/IND/R2/75* [AF204276]	IND75--A	639	502	0	78.56	21.44
10	O1/BFS 1860/UK/67	UKG67--A	639	494	0	77.31	22.69

nt, nucleotides

*, not a WRLFMD reference number

Serotype: O	Report date: 07/06/2005						
WRL Ref No: HKN/10/2005							
Sender Ref: FMD 01/05 D05-155(2)							
Date collected: 25/02/2005	Topotype: Cathay						
Date received by WRLFMD: 25/04/2005	Genotype/strain: none						
Date received for sequencing: 04/05/2005	Sequence filename: HKN05-10.SEQ						
Species: Porcine	Date sequence last updated: 06/06/2005						
Material used: RS1	Total no. of comparisons: 1690						
Region sequenced: VP1	Min. no. of nt for comparison: 300						
RT-PCR primers: O-1C272F/NK61; A-1C612F/EUR-2B52R	Total turn-around time: 43 days						
No. of Nt determined: 639	Sequencing time: 34 days						
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	O/HKN/9/2005	HKN05-09	639	639	0	100	0
2	O/HKN/9/2004	HKN04-09	639	635	0	99.37	0.63
3	O/HKN/12/2004	HKN04-12	639	634	0	99.22	0.78
4	O/HKN/12/2005	HKN05-12	639	633	0	99.06	0.94
5	O/HKN/3/2004	HKN04-03	639	632	0	98.9	1.1
6	O/HKN/11/2004	HKN04-11	639	631	0	98.75	1.25
7	O/HKN/14/2005	HKN05-14	639	630	0	98.59	1.41
8	O/HKN/6/2004	HKN04-06	639	630	0	98.59	1.41
9	O/HKN/8/2004	HKN04-08	639	630	0	98.59	1.41
10	O/HKN/7/2004	HKN04-07	639	629	0	98.44	1.56
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	PHI95-05	639	587	0	91.86	8.14
2	O/HKN/6/83	HKN83-06	637	550	2	86.34	13.66
3	O/IND/53/79 [AF292107]	IND79A53	639	520	0	81.38	18.62
4	O/ISR/2/88	ISR88-02	639	515	0	80.59	19.41
5	O1/Manisa/TUR/69	TUR69--E	639	514	0	80.44	19.56
6	O/TAW/2/99	TAW99-02	639	513	0	80.28	19.72
7	O/MOR/1/91	MOR91-01	639	511	0	79.97	20.03
8	O/TAI/189/87* [TRRL]	TAI87-AC	639	509	0	79.66	20.34
9	O/IND/R2/75* [AF204276]	IND75--A	639	502	0	78.56	21.44
10	O1/BFS 1860/UK/67	UKG67--A	639	494	0	77.31	22.69
nt, nucleotides							
*, not a WRLFMD reference number							

Serotype: O
 WRL Ref No: HKN/11/2005
 Sender Ref: FMD 02/05 D05-157(2)
 Date collected: 25/02/2005
 Date received by WRLFMD: 25/04/2005
 Date received for sequencing: 04/05/2005
 Species: Porcine
 Material used: 10% epith. susp.
 Region sequenced: VP1
 RT-PCR primers: FMD-VP1UF/NK61
 No. of Nt determined: 142
 No. of ambiguities: 0
 Gene length: 639

Report date: 07/06/2005
 Topotype: Cathay
 Genotype/strain: none
 Sequence filename: HKN05-11.SEQ
 Date sequence last updated: 06/06/2005
 Total no. of comparisons: 1690
 Min. no. of nt for comparison: 125
 Total turn-around time: 43 days
 Sequencing time: 34 days

Comments: Only a small partial VP1 product could be amplified.

Ten Most Closely Related Viruses

Pos.	Virus name	Filename	No. nt compared	No. nt matched	No. of ambiguities	% Identity	% Difference
1	O/HKN/3/2004	HKN04-03	142	142	0	100	0
2	O/HKN/14/2005	HKN05-14	142	142	0	100	0
3	O/HKN/12/2004	HKN04-12	142	142	0	100	0
4	O/HKN/16/2005	HKN05-16	142	142	0	100	0
5	O/HKN/8/2004	HKN04-08	142	142	0	100	0
6	O/HKN/9/2004	HKN04-09	142	142	0	100	0
7	O/HKN/12/2005	HKN05-12	142	142	0	100	0
8	O/HKN/11/2004	HKN04-11	142	142	0	100	0
9	O/HKN/10/2005	HKN05-10	142	142	0	100	0
10	O/HKN/9/2005	HKN05-09	142	142	0	100	0

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	PHI95-05	142	134	0	94.37	5.63
2	O/HKN/6/83	HKN83-06	142	129	0	90.85	9.15
3	O/MOR/1/91	MOR91-01	142	115	0	80.99	19.01
4	O/ISR/2/88	ISR88-02	142	115	0	80.99	19.01
5	O/IND/R2/75* [AF204276]	IND75--A	142	114	0	80.28	19.72
6	O/IND/53/79 [AF292107]	IND79A53	142	113	0	79.58	20.42
7	O1/Manisa/TUR/69	TUR69--E	142	112	0	78.87	21.13
8	O/TAW/2/99	TAW99-02	142	110	0	77.46	22.54
9	O/TAI/189/87* [TRRL]	TAI87-AC	142	109	0	76.76	23.24
10	O1/BFS 1860/UK/67	UKG67--A	142	105	0	73.94	26.06

nt, nucleotides

*, not a WRLFMD reference number

Serotype: O	Report date: 07/06/2005						
WRL Ref No: HKN/12/2005							
Sender Ref: FMD 05/05 D05-226(1)							
Date collected: 11/03/2005	Topotype: Cathay						
Date received by WRLFMD: 25/04/2005	Genotype/strain: none						
Date received for sequencing: 05/05/2005	Sequence filename: HKN05-12.SEQ						
Species: Porcine	Date sequence last updated: 07/06/2005						
Material used: RS1	Total no. of comparisons: 1690						
Region sequenced: VP1	Min. no. of nt for comparison: 300						
RT-PCR primers: O-1C272F/NK61; A-1C612F/EUR-2B52R	Total turn-around time: 43 days						
No. of Nt determined: 639	Sequencing time: 33 days						
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	O/HKN/9/2004	HKN04-09	639	637	0	99.69	0.31
2	O/HKN/12/2004	HKN04-12	639	636	0	99.53	0.47
3	O/HKN/3/2004	HKN04-03	639	634	0	99.22	0.78
4	O/HKN/14/2005	HKN05-14	639	634	0	99.22	0.78
5	O/HKN/9/2005	HKN05-09	639	633	0	99.06	0.94
6	O/HKN/11/2004	HKN04-11	639	633	0	99.06	0.94
7	O/HKN/10/2005	HKN05-10	639	633	0	99.06	0.94
8	O/HKN/15/2005	HKN05-15	639	632	0	98.9	1.1
9	O/HKN/8/2004	HKN04-08	639	632	0	98.9	1.1
10	O/HKN/6/2004	HKN04-06	639	632	0	98.9	1.1
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	PHI95-05	639	589	0	92.18	7.82
2	O/HKN/6/83	HKN83-06	637	552	2	86.66	13.34
3	O/IND/53/79 [AF292107]	IND79A53	639	523	0	81.85	18.15
4	O/ISR/2/88	ISR88-02	639	516	0	80.75	19.25
5	O1/Manisa/TUR/69	TUR69--E	639	515	0	80.59	19.41
6	O/TAW/2/99	TAW99-02	639	515	0	80.59	19.41
7	O/MOR/1/91	MOR91-01	639	512	0	80.13	19.87
8	O/TAI/189/87* [TRRL]	TAI87-AC	639	508	0	79.5	20.5
9	O/IND/R2/75* [AF204276]	IND75--A	639	503	0	78.72	21.28
10	O1/BFS 1860/UK/67	UKG67--A	639	497	0	77.78	22.22
nt, nucleotides							
*, not a WRLFMD reference number							

Serotype: O
WRL Ref No: HKN/13/2005
Sender Ref: FMD 05/05 D05-226(2)
Date collected: 11/03/2005
Date received by WRLFMD: 25/04/2005
Date received for sequencing: 09/05/2005
Species: Porcine
Material used: 10% epith. susp.
Region sequenced: VP1
RT-PCR primers: FMD-VP1UF/NK61
No. of Nt determined: 142
No. of ambiguities: 0
Gene length: 639

Report date: 07/06/2005
Topotype: Cathay
Genotype/strain: none
Sequence filename: HKN05-13.SEQ
Date sequence last updated: 07/06/2005
Total no. of comparisons: 1690
Min. no. of nt for comparison: 125
Total turn-around time: 43 days
Sequencing time: 29 days

Comments: Only a small partial VP1 product could be amplified.

Ten Most Closely Related Viruses

Pos.	Virus name	Filename	No. nt compared	No. nt matched	No. of ambiguities	% Identity	% Difference
1	O/HKN/3/2004	HKN04-03	142	142	0	100	0
2	O/HKN/14/2005	HKN05-14	142	142	0	100	0
3	O/HKN/12/2004	HKN04-12	142	142	0	100	0
4	O/HKN/16/2005	HKN05-16	142	142	0	100	0
5	O/HKN/8/2004	HKN04-08	142	142	0	100	0
6	O/HKN/9/2004	HKN04-09	142	142	0	100	0
7	O/HKN/11/2005	HKN05-11	142	142	0	100	0
8	O/HKN/11/2004	HKN04-11	142	142	0	100	0
9	O/HKN/10/2005	HKN05-10	142	142	0	100	0
10	O/HKN/9/2005	HKN05-09	142	142	0	100	0

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	PHI95-05	142	134	0	94.37	5.63
2	O/HKN/6/83	HKN83-06	142	129	0	90.85	9.15
3	O/MOR/1/91	MOR91-01	142	115	0	80.99	19.01
4	O/ISR/2/88	ISR88-02	142	115	0	80.99	19.01
5	O/IND/R2/75* [AF204276]	IND75--A	142	114	0	80.28	19.72
6	O/IND/53/79 [AF292107]	IND79A53	142	113	0	79.58	20.42
7	O1/Manisa/TUR/69	TUR69--E	142	112	0	78.87	21.13
8	O/TAW/2/99	TAW99-02	142	110	0	77.46	22.54
9	O/TAI/189/87* [TRRL]	TAI87-AC	142	109	0	76.76	23.24
10	O1/BFS 1860/UK/67	UKG67--A	142	105	0	73.94	26.06

nt, nucleotides

*, not a WRLFMD reference number

Serotype: O	Report date: 07/06/2005
WRL Ref No: HKN/14/2005	
Sender Ref: FMD 06/05 D05-234(1)	
Date collected: 14/03/2005	
Date received by WRLFMD: 25/04/2005	Topotype: Cathay
Date received for sequencing: 04/05/2005	Genotype/strain: none
Species: Porcine	Sequence filename: HKN05-14.SEQ
Material used: RS1	Date sequence last updated: 17/05/2005
Region sequenced: VP1	Total no. of comparisons: 1690
RT-PCR primers: O-1C272F/NK61	Min. no. of nt for comparison: 300
No. of Nt determined: 639	Total turn-around time: 43 days
No. of ambiguities: 0	Sequencing time: 34 days
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	O/HKN/12/2005	HKN05-12	639	634	0	99.22	0.78
2	O/HKN/9/2004	HKN04-09	639	634	0	99.22	0.78
3	O/HKN/12/2004	HKN04-12	639	633	0	99.06	0.94
4	O/HKN/3/2004	HKN04-03	639	631	0	98.75	1.25
5	O/HKN/9/2005	HKN05-09	639	630	0	98.59	1.41
6	O/HKN/11/2004	HKN04-11	639	630	0	98.59	1.41
7	O/HKN/10/2005	HKN05-10	639	630	0	98.59	1.41
8	O/HKN/15/2005	HKN05-15	639	629	0	98.44	1.56
9	O/HKN/8/2004	HKN04-08	639	629	0	98.44	1.56
10	O/HKN/6/2004	HKN04-06	639	629	0	98.44	1.56

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	PHI95-05	639	591	0	92.49	7.51
2	O/HKN/6/83	HKN83-06	637	554	2	86.97	13.03
3	O/IND/53/79 [AF292107]	IND79A53	639	523	0	81.85	18.15
4	O1/Manisa/TUR/69	TUR69--E	639	516	0	80.75	19.25
5	O/TAW/2/99	TAW99-02	639	516	0	80.75	19.25
6	O/ISR/2/88	ISR88-02	639	512	0	80.13	19.87
7	O/MOR/1/91	MOR91-01	639	510	0	79.81	20.19
8	O/TAI/189/87* [TRRL]	TAI87-AC	639	510	0	79.81	20.19
9	O/IND/R2/75* [AF204276]	IND75--A	639	504	0	78.87	21.13
10	O1/BFS 1860/UK/67	UKG67--A	639	495	0	77.46	22.54

nt, nucleotides

*, not a WRLFMD reference number

Serotype: O
WRL Ref No: HKN/15/2005
Sender Ref: FMD 07/05 D05-318(1)
Date collected: 14/03/2005
Date received by WRLFMD: 25/04/2005
Date received for sequencing: 06/05/2005
Species: Porcine
Material used: RS1
Region sequenced: VP1
RT-PCR primers: O-1C272F/NK61
No. of Nt determined: 639
No. of ambiguities: 0
Gene length: 639

Report date: 07/06/2005
Topotype: Cathay
Genotype/strain: none
Sequence filename: HKN05-15.SEQ
Date sequence last updated: 06/06/2005
Total no. of comparisons: 1690
Min. no. of nt for comparison: 300
Total turn-around time: 43 days
Sequencing time: 32 days

Comments:

Ten Most Closely Related Viruses

Pos.	Virus name	Filename	No. nt compared	No. nt matched	No. of ambiguities	% Identity	% Difference
1	O/HKN/12/2005	HKN05-12	639	632	0	98.9	1.1
2	O/HKN/9/2004	HKN04-09	639	632	0	98.9	1.1
3	O/HKN/3/2004	HKN04-03	639	631	0	98.75	1.25
4	O/HKN/6/2004	HKN04-06	639	631	0	98.75	1.25
5	O/HKN/12/2004	HKN04-12	639	631	0	98.75	1.25
6	O/HKN/11/2004	HKN04-11	639	630	0	98.59	1.41
7	O/HKN/14/2005	HKN05-14	639	629	0	98.44	1.56
8	O/HKN/8/2004	HKN04-08	639	629	0	98.44	1.56
9	O/HKN/9/2005	HKN05-09	639	628	0	98.28	1.72
10	O/HKN/10/2005	HKN05-10	639	628	0	98.28	1.72

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	PHI95-05	639	586	0	91.71	8.29
2	O/HKN/6/83	HKN83-06	637	549	2	86.19	13.81
3	O/IND/53/79 [AF292107]	IND79A53	639	523	0	81.85	18.15
4	O/ISR/2/88	ISR88-02	639	518	0	81.06	18.94
5	O/MOR/1/91	MOR91-01	639	514	0	80.44	19.56
6	O/TAW/2/99	TAW99-02	639	513	0	80.28	19.72
7	O1/Manisa/TUR/69	TUR69--E	639	512	0	80.13	19.87
8	O/TAI/189/87* [TRRL]	TAI87-AC	639	508	0	79.5	20.5
9	O/IND/R2/75* [AF204276]	IND75--A	639	502	0	78.56	21.44
10	O1/BFS 1860/UK/67	UKG67--A	639	497	0	77.78	22.22

nt, nucleotides

*, not a WRLFMD reference number

Serotype: O	Report date: 07/06/2005
WRL Ref No: HKN/16/2005	
Sender Ref: FMD 07/05 D05-318(2)	
Date collected: 14/03/2005	
Date received by WRLFMD: 25/04/2005	Topotype: Cathay
Date received for sequencing: 09/05/2005	Genotype/strain: none
Species: Porcine	Sequence filename: HKN05-16.SEQ
Material used: 10% epith. susp.	Date sequence last updated: 07/06/2005
Region sequenced: VP1	Total no. of comparisons: 1690
RT-PCR primers: FMD-VP1UF/NK61	Min. no. of nt for comparison: 125
No. of Nt determined: 142	Total turn-around time: 43 days
No. of ambiguities: 0	Sequencing time: 29 days
Gene length: 639	

Comments: Only a small partial VP1 product could be amplified.

Ten Most Closely Related Viruses

Pos.	Virus name	Filename	No. nt compared	No. nt matched	No. of ambiguities	% Identity	% Difference
1	O/HKN/3/2004	HKN04-03	142	142	0	100	0
2	O/HKN/13/2005	HKN05-13	142	142	0	100	0
3	O/HKN/14/2005	HKN05-14	142	142	0	100	0
4	O/HKN/11/2005	HKN05-11	142	142	0	100	0
5	O/HKN/8/2004	HKN04-08	142	142	0	100	0
6	O/HKN/9/2004	HKN04-09	142	142	0	100	0
7	O/HKN/11/2004	HKN04-11	142	142	0	100	0
8	O/HKN/12/2004	HKN04-12	142	142	0	100	0
9	O/HKN/9/2005	HKN05-09	142	142	0	100	0
10	O/HKN/10/2005	HKN05-10	142	142	0	100	0

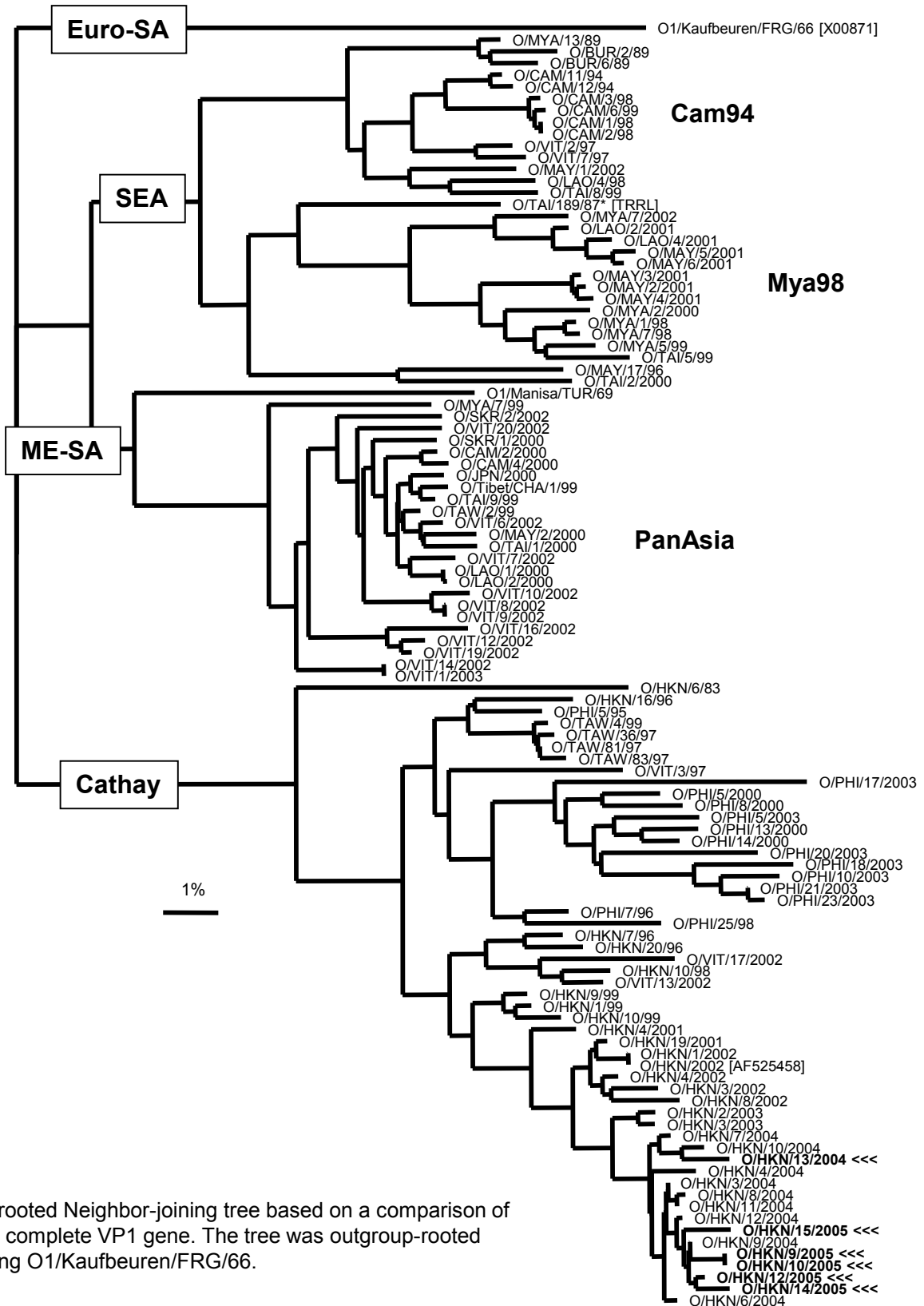
Relationships to Reference Virus Strains

Pos.	Virus name	Filename	No. nt compared	No. nt matched	No. of ambiguities	% Identity	% Difference
1	O/PHI/5/95	PHI95-05	142	134	0	94.37	5.63
2	O/HKN/6/83	HKN83-06	142	129	0	90.85	9.15
3	O/MOR/1/91	MOR91-01	142	115	0	80.99	19.01
4	O/ISR/2/88	ISR88-02	142	115	0	80.99	19.01
5	O/IND/R2/75* [AF204276]	IND75--A	142	114	0	80.28	19.72
6	O/IND/53/79 [AF292107]	IND79A53	142	113	0	79.58	20.42
7	O1/Manisa/TUR/69	TUR69--E	142	112	0	78.87	21.13
8	O/TAW/2/99	TAW99-02	142	110	0	77.46	22.54
9	O/TAI/189/87* [TRRL]	TAI87-AC	142	109	0	76.76	23.24
10	O1/BFS 1860/UK/67	UKG67--A	142	105	0	73.94	26.06

nt, nucleotides

*, not a WRLFMD reference number

Report on FMDV O from Hong Kong in 2004-2005



Unrooted Neighbor-joining tree based on a comparison of the complete VP1 gene. The tree was outgroup-rooted using O1/Kaufbeuren/FRG/66.