

Serotype: O	Report date: 25/07/2005
WRL Ref No: PHI/1/2005	
Sender Ref: C14-05	
Date collected: 16/02/2005	
Date received by WRLFMD: 03/07/2005	Topotype: Cathay
Date received for sequencing: 07/07/2005	Genotype/strain: none
Species: Porcine	Sequence filename: PHI05-01.SEQ
Material used: RS1	Date sequence last updated: 22/07/2005
Region sequenced: VP1	Total no. of comparisons: 1706
RT-PCR primers: O-1C272F/EUR-2B52R	Min. no. of nt for comparison: 300
No. of Nt determined: 639	Total turn-around time: 22 days
No. of ambiguities: 0	Sequencing time: 18 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/PHI/3/2005	PHI05-03	639	638	0	99.84	0.16
2	O/PHI/2/2005	PHI05-02	639	634	0	99.22	0.78
3	O/PHI/12/2004	PHI04-12	639	633	0	99.06	0.94
4	O/PHI/7/2004	PHI04-07	639	633	0	99.06	0.94
5	O/PHI/8/2004	PHI04-08	639	633	0	99.06	0.94
6	O/PHI/9/2004	PHI04-09	639	632	0	98.9	1.1
7	O/PHI/11/2004	PHI04-11	639	632	0	98.9	1.1
8	O/PHI/2/2004	PHI04-02	639	632	0	98.9	1.1
9	O/PHI/1/2004	PHI04-01	639	632	0	98.9	1.1
10	O/PHI/6/2004	PHI04-06	639	631	0	98.75	1.25

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	583	0	91.24	8.76
2	O/HKN/6/83	HKN83-06	637	544	2	85.4	14.6
3	O/TAW/2/99	TAW99-02	639	519	0	81.22	18.78
4	O1/Manisa/TUR/69	TUR69--E	639	515	0	80.59	19.41
5	O/ISR/2/88	ISR88-02	639	514	0	80.44	19.56
6	O/IND/53/79 [AF292107]	IND79A53	639	514	0	80.44	19.56
7	O/MOR/1/91	MOR91-01	639	513	0	80.28	19.72
8	O/TAI/189/87* [TRRL]	TAI87-AC	639	508	0	79.5	20.5
9	O/IND/R2/75* [AF204276]	IND75--A	639	506	0	79.19	20.81
10	O1/BFS 1860/UK/67	UKG67--A	639	487	0	76.21	23.79

nt, nucleotides

*, not a WRLFMD reference number

Serotype: O	Report date: 25/07/2005
WRL Ref No: PHI/2/2005	
Sender Ref: C20-05	
Date collected: 23/02/2005	
Date received by WRLFMD: 03/07/2005	Topotype: Cathay
Date received for sequencing: 07/07/2005	Genotype/strain: none
Species: Porcine	Sequence filename: PHI05-02.SEQ
Material used: RS1	Date sequence last updated: 22/07/2005
Region sequenced: VP1	Total no. of comparisons: 1706
RT-PCR primers: O-1C272F/EUR-2B52R	Min. no. of nt for comparison: 300
No. of Nt determined: 639	Total turn-around time: 22 days
No. of ambiguities: 0	Sequencing time: 18 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/PHI/1/2005	PHI05-01	639	634	0	99.22	0.78
2	O/PHI/3/2005	PHI05-03	639	633	0	99.06	0.94
3	O/PHI/12/2004	PHI04-12	639	632	0	98.9	1.1
4	O/PHI/7/2004	PHI04-07	639	632	0	98.9	1.1
5	O/PHI/8/2004	PHI04-08	639	632	0	98.9	1.1
6	O/PHI/9/2004	PHI04-09	639	631	0	98.75	1.25
7	O/PHI/11/2004	PHI04-11	639	631	0	98.75	1.25
8	O/PHI/2/2004	PHI04-02	639	631	0	98.75	1.25
9	O/PHI/1/2004	PHI04-01	639	631	0	98.75	1.25
10	O/PHI/6/2004	PHI04-06	639	630	0	98.59	1.41

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	580	0	90.77	9.23
2	O/HKN/6/83	HKN83-06	637	543	2	85.24	14.76
3	O/TAW/2/99	TAW99-02	639	518	0	81.06	18.94
4	O/MOR/1/91	MOR91-01	639	516	0	80.75	19.25
5	O/ISR/2/88	ISR88-02	639	515	0	80.59	19.41
6	O/IND/53/79 [AF292107]	IND79A53	639	515	0	80.59	19.41
7	O1/Manisa/TUR/69	TUR69--E	639	514	0	80.44	19.56
8	O/TAI/189/87* [TRRL]	TAI87-AC	639	508	0	79.5	20.5
9	O/IND/R2/75* [AF204276]	IND75--A	639	507	0	79.34	20.66
10	O1/BFS 1860/UK/67	UKG67--A	639	488	0	76.37	23.63

nt, nucleotides

*, not a WRLFMD reference number

Serotype: O	Report date: 25/07/2005
WRL Ref No: PHI/3/2005	
Sender Ref: C24-05	
Date collected: 03/03/2005	
Date received by WRLFMD: 03/07/2005	Topotype: Cathay
Date received for sequencing: 07/07/2005	Genotype/strain: none
Species: Porcine	Sequence filename: PHI05-03.SEQ
Material used: RS1	Date sequence last updated: 22/07/2005
Region sequenced: VP1	Total no. of comparisons: 1706
RT-PCR primers: O-1C272F/EUR-2B52R	Min. no. of nt for comparison: 300
No. of Nt determined: 639	Total turn-around time: 22 days
No. of ambiguities: 0	Sequencing time: 18 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/PHI/1/2005	PHI05-01	639	638	0	99.84	0.16
2	O/PHI/2/2005	PHI05-02	639	633	0	99.06	0.94
3	O/PHI/12/2004	PHI04-12	639	632	0	98.9	1.1
4	O/PHI/7/2004	PHI04-07	639	632	0	98.9	1.1
5	O/PHI/8/2004	PHI04-08	639	632	0	98.9	1.1
6	O/PHI/9/2004	PHI04-09	639	631	0	98.75	1.25
7	O/PHI/11/2004	PHI04-11	639	631	0	98.75	1.25
8	O/PHI/2/2004	PHI04-02	639	631	0	98.75	1.25
9	O/PHI/1/2004	PHI04-01	639	631	0	98.75	1.25
10	O/PHI/6/2004	PHI04-06	639	630	0	98.59	1.41

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	583	0	91.24	8.76
2	O/HKN/6/83	HKN83-06	637	544	2	85.4	14.6
3	O/TAW/2/99	TAW99-02	639	518	0	81.06	18.94
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/IND/53/79 [AF292107]	IND79A53	639	514	0	80.44	19.56
7	O/MOR/1/91	MOR91-01	639	512	0	80.13	19.87
8	O/TAI/189/87* [TRRL]	TAI87-AC	639	507	0	79.34	20.66
9	O/IND/R2/75* [AF204276]	IND75--A	639	505	0	79.03	20.97
10	O1/BFS 1860/UK/67	UKG67--A	639	488	0	76.37	23.63

nt, nucleotides

*, not a WRLFMD reference number

Report on: O Philippines 1-3/2005

