

**Report from the Molecular Epidemiology Section of the Experimental Epidemiology Group to the
Head of the World Reference Laboratory for FMD (Non-QAU Form)**

Serotype: O	Date: 08/06/2003						
Virus isolate: NGR/11/2001	Reported by: N.J. Knowles						
Material used:	Signed (file copy only):						
Region sequenced: VP1	Seq. filename: NGR01-11						
RT-PCR primer set: ARS4/NK61							
Topotype: West Africa (WA)	No. of ambiguities: 0						
Genotype/strain:	Date seq. last updated: 29/12/2002						
No. of nt determined / no. in gene: 639 / 639	Total no. of comparisons made: 1304						
Comments:							
Ten Most Closely Related Viruses							
Pos.	Virus name	Filename	No. nt compared	No. nt matched	No. of ambiguities	% Identity	% Difference
1	O/CIV/8/99	CIV99-08	639	619	0	96.87	3.13
2	O/MOR/2/99	MOR99-02	333	322	3	96.70	3.30
3	O/ALG/3/99	ALG99-03	257	248	4	96.50	3.50
4	O/GNA/6/99	GNA99-06	328	316	7	96.34	3.66
5	O/ALG/2/99	ALG99-02	583	559	11	95.88	4.12
6	O/ALG/1/99	ALG99-01	630	603	9	95.71	4.29
7	O/GNA/10/99	GNA99-10	443	423	13	95.49	4.51
8	O/TUN/5/99	TUN99-05	262	249	11	95.04	4.96
9	O/TUN/1/99	TUN99-01	264	250	3	94.70	5.30
10	O/BKF/1/2002	BKF02-01	639	605	0	94.68	5.32
Relationships to Reference Virus Strains							
Pos.	Virus name	Filename	No. nt compared	No. nt matched	No. of ambiguities	% Identity	% Difference
1	O/IND/53/79	IND79A53	639	536	0	83.88	16.12
2	O/IND/R2/75*	IND75--A	639	532	0	83.26	16.74
3	O1/Manisa/TUR/69	TUR69--E	639	531	0	83.10	16.90
4	O/TAW/2/99	TAW99-02	639	528	0	82.63	17.37
5	O/ISR/1/88	ISR88-01	193	158	5	81.87	18.13
6	O/MOR/1/91	MOR91-01	207	168	3	81.16	18.84
7	O/TAI/189/87*	TAI87--B	527	421	3	79.89	20.11
8	O1/BFS 1860/UK/67	UKG67--A	639	509	0	79.66	20.34
9	O/HKN/6/83	HKN83-06	637	501	2	78.65	21.35
10	O/PHI/5/95	PHI95-05	516	402	6	77.91	22.09
nt, nucleotides							
*, not a WRLFMD reference number							

cc. Head of Experimental Epidemiology Group
cc. Head of Vesicular Diseases Group