

Isolate name	RCVS Region 2001	Mouth Ulcers	URTD	Acute disease	Virus titre (TCID <sub>50</sub> )	Neutralising titre	Plotted titre
Bi_16_01	Birmingham	N	N	N	100	22.6	22.6
Be_07_01	Berkshire	N	N	N	100	362.0	362.0
Cu_01_01	Cumbria	N	n/a	n/a	32	362.0	362.0
Ca_11_01	Cambridgeshire	N	N	N	32	11.3	11.3
Do_07_01	Dorset	N	N	N	215	16.0	16.0
De_19_01	Derbyshire	N	N	N	215	128.0	128.0
Cle_05_01	Cleveland	N	N	N	46	608.9**	512.0
Es_03_01	Essex	n	n	N	170	11.3	11.3
Le_13_01	Leicestershire	n/a	n/a	n/a	32	45.3	45.3
L_02_01	Lancashire	N	N	N	316	362.0	362.0
Li_13_01*	Lincolnshire	Y	N	Y	100	16.0	16.0
No_08_01	Nottinghamshire	N	N	N	316	128.0	128.0
Ox_02_01*	Oxfordshire	Y	N	Y	147	45.3	45.3
Ke_04_01*	Kent	N	Y	Y	170	181.0	181.0
Wo_09_01	Worcestershire	N	N	N	100	45.3	45.3
Wa_12_01	Warwickshire	N	N	N	32	724.1	724.1
Nor_17_01	Northumberland	N	N	N	170	152.2**	128.0
Wi_11_01	Wiltshire	N	N	N	100	256.0	256.0
Su_09_01*	Suffolk	Y	N	Y	316	64.0	64.0
Ch_09_01	Channel Islands	N	N	N	32	32.0	32.0
Sa_05_01	Salop	N	N	N	32	45.3	45.3
Ha_20_01	Hampshire	N	N	N	215	362.0	362.0
Mi_19_01*	Middlesex	N	Y	Y	46	181.0	181.0
Du_04_01	Dumfries	N	N	N	316	22.6	22.6
Ed_20_01	Edinburgh	N	N	N	215	181.0	181.0
Or_04_01	Orkney	N	N	N	59	512.0	512.0
Gl_03_01*	Glamorgan	N	Y	Y	32	256.0	256.0
Dy_18_01	Dyfed	N	N	N	316	45.3	45.3
St_14_01	Strathclyde	N	N	N	215	724.1	724.1
Sh_01_01	Shetland	N	N	N	146	11.3	11.3
Po_15_01	Powys	N	N	N	215	362.0	362.0
CR_01_01	Co Armagh	N	N	N	316	181.0	181.0
CD_03_01	Co Down	N	N	N	fail	fail	fail
Gy_21_01	Gwynedd	n/a	n/a	n/a	46	181.0	181.0
IM_10_01	Isle of Man	N	N	N	46	5.7	5.7
Cl_09_01*	Clwyd	N	Y	Y	32	11.3	11.3
Gw_07_01	Gwent	N	N	N	46	53.8**	45.3
CA_06_01	Co Antrim	N	N	N	100	2048.0	2048.0
CT_02_01	Co Tyrone	N	N	N	316	107.6**	90.5
CF_13_01	Co Fermanagh	N	N	N	316	861**	724.1
Or_11_13	Orkney	N	N	N	46	128.0	128.0
Gl_03_13	Glamorgan	N	N	N	46	724.1	724.1
Bi_28_13*	Birmingham	Y	N	Y	316	181.0	181.0
La_21_13	Lanarkshire	N	N	N	215	11.3	11.3
Yo_18_13	Yorkshire	N	N	N	316	64.0	64.0
Yo_23_13	Yorkshire	N	N	N	316	22.6	22.6
Yo_25_14	Yorkshire	N	N	N	316	11.3	11.3
An_07_14	Anglesey	N	N	N	316	256.0	256.0
An_10_14	Anglesey	N	N	N	215	128.0	128.0
Ss_03_13	Sussex	N	N	N	316	1024.0	1024.0
Gy_07_14	Gwynedd	N	N	N	46	1024.0	1024.0
Gy_26_14	Gwynedd	N	N	N	100	724.1	724.1
Gy_27_14	Gwynedd	N	N	N	100	11.3	11.3
Ty_20_14	Tyneside	N	N	N	316	32.0	32.0
No_30_13	Nottinghamshire	N	N	N	32	22.6	22.6
Ox_07_14*	Oxfordshire	Y	N	Y	215	90.5	90.5
Ss_25_13	Sussex	N	N	N	215	181.0	181.0
No_15_13*	Nottinghamshire	Y	N	Y	316	45.3	45.3
Ox_04_14	Oxfordshire	N	N	N	316	8.0	8.0
Ox_12_14*	Oxfordshire	N	Y	Y	100	11.3	11.3

Supplementary Table 1: Isolate details and results of virus neutralisation using FCV-F9 anti-sera. The isolate name includes a two letter code for the geographical area (also shown in column two), two digits for isolate number and two digits for the year of collection. Virus neutralisation is expressed as the 50% end-point as calculated using the Reed-Muench equation<sup>21</sup>. Clinical isolates are indicated by \* and also highlighted in lilac. The results of neutralisation for 5 isolates\*\* fell outside either a 2-fold dilution or the mid-point between two dilutions. Where this occurred, the result was rounded down to the nearest real value as calculated by the Reed-Muench equation (plotted titres) and this was plotted in Figure 2. One virus repeatedly failed the VN assay (marked as 'fail'). The titre of the virus in the neutralisation test is also shown (the allowable range being 32-320 TCID<sub>50</sub>). n/a indicates this data was not collected.