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FAX TRANSMISSION

Please reply to Fax No: +44 (0) 1483 232621

TO: [REDACTED]

FROM: [REDACTED]

DATE: 4.7.2008

FAX NO: [REDACTED]

CC: [REDACTED]

FAX NO: [REDACTED]

PAGES: 2

RE: Strain differentiation results

Dear [REDACTED]

Strain differentiation results for serotype SAT2 FMD virus isolates received from Botswana.

The following r_1 values were recently obtained by VNT at the WRL.

r_1 Values by VNT		
	SAT2 Zim 7/83	
SAT2 Bot 6/08	Virus did not grow	
SAT2 Bot 7/08	Virus did not grow	
SAT2 Bot 11/08	0.15	

Yours sincerely

[REDACTED]

Head: World Reference Laboratory for FMD

Cc: [REDACTED]

In the case of neutralisation:

$r_1 = \geq 0.3$. Suggests that there is a close relationship between field isolate and vaccine strain. A potent vaccine containing the vaccine strain is likely to confer protection.

$r_1 = < 0.3$. Suggests that the field isolate is so different from the vaccine strain that the vaccine is unlikely to protect.

