



Institute for Animal Health

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FAX TRANSMISSION

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

TO: [REDACTED] **FROM:** [REDACTED]
DATE: 01.9.2008 **FAX NO:** [REDACTED]
PAGES: 2 **RE:** Sequencing report
CC: [REDACTED] **FAX NO:** [REDACTED]
[REDACTED]

Dear [REDACTED]

Strain differentiation results for serotype SAT1 FMD virus isolate received from Zambia

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

r_1 Values by VNT	
	SAT1 Rho 12/78
SAT1 Zam 9/2008	0.17
SAT1 Zam 13/2008	0.22

Yours sincerely

[REDACTED]
Head: Epidemiology Division

c.c. [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.