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FAX TRANSMISSION

TO: [REDACTED] **FROM:** [REDACTED]

DATE: 23.5.2006 **FAX NO:** [REDACTED]

PAGES: 2 **RE:** Strain differentiation results

Dear [REDACTED]

Strain differentiation results for serotype A FMD virus isolates received from Saudi Arabia on 7th January 2006.

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

Ref. No	A22	A IRN 96	A MAY 97	A SAU 95	A Eritrea
A SAU 15/05	0.28*	0.12*	0.16*	0.35*	0.14
A SAU 16/05	0.25*	0.12*	0.17*	0.39*	0.14

* These results were shown in the earlier report.

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Interpretation of r_1 values

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.

Yours sincerely

[REDACTED]

Head: World Reference Laboratory for FMD

c.c. [REDACTED]