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FAX TRANSMISSION

TO: [REDACTED] **FROM:** [REDACTED]
Head: WRL for FMD

DATE: 7.4.2006 **FAX NO:** [REDACTED]

PAGES: 2 **RE:** Test results

Dear [REDACTED]

Following our earlier report on strain differentiation results for serotype A FMD virus isolates received from Egypt on 19th February 2006, we have now tested those isolates against further vaccine strains and report our findings as follows.

The following r_1 values were recently obtained by VNT at the WRL. This shows that a bivalent A Eritrea 98/A Iran 99 vaccine induced an antibody response that neutralized A EGY 06 isolates to a good degree.

r_1 Values by VNT	
	A ERI 98/IRN 99
A EGY 1/06	0.60
A EGY 2/06	0.95

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.

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