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FAX TRANSMISSION

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TO: [REDACTED] **FROM:** [REDACTED]
IAH Pirbright

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

PAGES: 2 **RE:** Strain differential results

Dear [REDACTED]

Virus isolates: A TUR 1/2006, A TUR 2/2006, A TUR 3/2006

Strain differential results for type A FMD virus isolates received on 16th February 2006.

The following r_1 values were recently obtained by virus neutralization test at the FAO World Reference Laboratory for FMD.

	r_1 Values by neutralisation test against vaccine strains below				
WRL Ref Number	A22	A IRN 96	A MAY 97	5925	A Eritrea
A TUR 1/06	0.42*	0.08*	0.11*	0.41*	0.15
A TUR 2/06	0.36*	0.07*	0.18*	0.48*	0.15
A TUR 3/06	0.39*	0.09*	0.13*	0.48*	Not tested

* 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

Cc [REDACTED]