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FAX TRANSMISSION

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TO:

[REDACTED]

FROM:

[REDACTED]

DATE:

4.12.2006

FAX NO:

[REDACTED]

PAGES:

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RE:

Vaccine matching results

Dear [REDACTED]

Vaccine matching results for A FMD virus isolate received on 23rd July 2006.

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

Yours sincerely

[REDACTED]
Head: World Reference Laboratory for FMD

Cc: [REDACTED]

**Type A FMD virus isolates received in batches of samples received from Turkey
On 28th April 2006**

	r₁ Values by ELISA					
WRL Ref Number	A 5925	IRN 87	A22	May 97	A 4164	A SAU 95
TUR 4/06	0.105	0.155	0.15	0.25	0.425	0.35
TUR 8/06	0.25	0.055	0.525	0.075	0.13	0.425
TUR 12/06	0.425	0.065	0.71	0.16	0.16	0.35
TUR 18/06	0.425	0.095	0.605	0.12	0.06	0.21
TUR 9/06	1	0.19	0.855	0.215	-	-
TUR 14/06	0.067	0.135	0.215	0.19	-	>1
TUR 16/06	0.07	0.135	1	0.12	-	0.305
TUR 20/06	0.06	0.425	0.3	0.375	-	>1

In the case of ELISA:

$r_1 = 0.4-1.0$. 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.

$r_1 = 0.2-0.39$, Suggests that the field isolate is antigenically related to the vaccine strain. The vaccine strain might be suitable for use if no closer match can be found provided that a potent vaccine is used and animals are preferably immunised more than once.

$r_1 = <0.2$. Suggests that the field isolate is so different from the vaccine strain that the vaccine is unlikely to protect