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DATE: 22.10.2007

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PAGES: 2

RE: Strain differentiation results

Dear [redacted]

Virus isolates: A TUR 8/2007, A TUR 24/2007, A TUR 25/2007

Strain differentiation results for type A FMD virus isolates received on 27th July 2007.

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

	r_1 Values by neutralisation test against vaccine strains below
WRL Ref Number	**A22**
A TUR 2/07	0.85
A TUR 8/07	>1.0
A TUR 24/07	0.91
A TUR 25/07	0.74

Yours sincerely

[redacted]
Head: World Reference Laboratory for FMD

Cc [redacted]

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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.