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Director: Professor Martin Shirley PhD

FAX TRANSMISSION

TO: [REDACTED] **FROM:** [REDACTED]
DATE: 25.6.2007 **FAX NO:** [REDACTED]
PAGES: 2 **RE:** Strain differentiation results

Dear [REDACTED]

Strain differentiation results for Mali type O FMD virus isolates received in batches of samples on 9th March 2007.

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

Yours sincerely

Dr D Paton
Head: World Reference Laboratory for FMD

Cc [REDACTED]

Iran type O FMD virus isolates received in batches of samples on 9th March 2007

	r₁ Values by VNT		
WRL Ref Number	O Manisa		
O MAI 11/06	>0.75		
O MAI 17/06	0.66		

Interpretation of r₁ 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.