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**Fax Number:** [REDACTED]  
**From:** [REDACTED]  
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# FAX

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Thank you.

Dear [REDACTED]

Strain differentiation results for serotype SAT2 FMD virus isolate received from Ethiopia on 2<sup>nd</sup> February 2008.

The following  $r_1$  values were recently obtained by VNT at the WRL.

<b><math>r_1</math> Values by VNT</b>	
	<b>SAT2 Eritrea</b>
<b>SAT2 Eth 2/07</b>	0.15

Yours sincerely

[REDACTED]  
**Head: Epidemiology Division**

c.c. [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.

N.B.

All of our phylogenetic trees can be accessed via the internet at:

[http://www.iah.bbsrc.ac.uk/primary\\_index/current\\_research/virus/Picornaviridae/Aphthovirus/index.html](http://www.iah.bbsrc.ac.uk/primary_index/current_research/virus/Picornaviridae/Aphthovirus/index.html)  
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