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Subject: Strain Differentiation Results
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Thank you.

Dear [REDACTED]

Strain differentiation result

Strain differentiation results for serotype O FMD virus isolate received from Saudi Arabia on 11th July 2008.

The following r_1 value was recently obtained by VNT at the WRL.

Ref. No	O Manisa
O SAU 11/2008	0.46

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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

Yours sincerely


Head: Epidemiology Division

c.c. 