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## FMD Sequencing Report

Lab Reference WRL Batch Number: WRLFMD/2009/00039  
Sender Details: [REDACTED]

Date Received: 31<sup>st</sup> July 2009  
Country of Origin: Botswana  
Date Reported: 14<sup>th</sup> September 2009

Dear [REDACTED]

Sequencing work has now been completed in respect of the samples you submitted and the details are as attached. Please note that all of our phylogenetic trees can be accessed via the internet at: <http://www.wrlfmd.org/>

Results Approved [REDACTED]

Official Stamp: [REDACTED]

Date: 14/09/09

To help us improve the quality of our service, please send any suggestions or requests to the Reference Laboratory by fax (+44 (0) 1483 232621 or email: [elizabeth.byrom@bbsrc.ac.uk](mailto:elizabeth.byrom@bbsrc.ac.uk))









# Report on FMDV SAT 2 in Botswana in 2009

Batch: WRLFMD/2009/00039

Software: MEGA 4.0  
 No. of Taxa : 105  
 Data File : n:\evd\meg\db\fmdv\sat2\BOT2009b.meg  
 Data Title : SAT 2 Botswana 2009  
 Data Type : Nucleotide (Coding)  
 Analysis : Phylogeny reconstruction  
 Tree Inference : =====  
 ->Method : Neighbor-Joining  
 ->Phylogeny Test and options : Bootstrap (1000 replicates; seed=64238)  
 Include Sites : =====  
 ->Gaps/Missing Data : Pairwise Deletion  
 ->Codon Positions : 1st+2nd+3rd+Noncoding  
 Substitution Model :  
 =====  
 ->Model : Nucleotide: Kimura 2-parameter  
 ->Substitutions to Include : d: Transitions + Transversions  
 ->Pattern among Lineages : Same (Homogeneous)  
 ->Rates among sites : Uniform rates  
 No. of Sites : 651  
 No Of Bootstrap Reps = 1000  
 Only bootstrap values of 70% and above are shown

\*, not a WRLFMD Ref. No.

N.J. Knowles & J. Wadsworth, 11 September 2009

