Laboratory strategies for selection of effective virus strains to support the control of Foot and Mouth disease in Kenya.

By

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Presentation

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Introduction

• Foot-and-Mouth Disease (FMD) - highly contagious and acute viral disease of domestic and wild cloven-hoofed animals
• Complex disease caused by FMDV - genus *Aphthovirus* in the family *Picornaviridae*
• Seven serotypes of FMDV - O, A, C, SAT1, SAT 2, SAT 3 and Asia type 1
• No cross-protection between serotypes
• Single stranded RNA virus - 8.5kb genome