

Response to reviewers 2 comments

Thank you very much for taking the time to review this manuscript. Please find the detailed responses below and the corresponding revisions/corrections highlighted in RED in the re-submitted files.

Comments and Suggestions for Authors

Foot-and-mouth disease virus (FMDV) is a single-stranded positive-sense RNA virus that causes foot-and-mouth disease (FMD) in domestic and wild cloven-hoofed animals worldwide, including swine, sheep, goats, cattle, camelids, and deer. Frank Banda et al described the immunogenicity of a foot-and-mouth disease virus serotype O vaccine in commercial and subsistence cattle herds in Zambia. This study confirms the value of PVM testing and shows that for this vaccine and field strain, a vaccination regime employing a two-dose primary course and revaccination after 4-6 months is likely to be appropriate. Overall, this article is interesting and the results may lay the foundation for FMD control. I made some suggestions that might improve the article.

In the abstract section, the author writes without logic and lacks a conclusion.

Response 1: Thank you for pointing this out. We agree with this comment. We have since amended abstract and included a conclusion.

In the introduction section, the author should provide more information.

Response 2: Thank you for pointing this out. However, we are not able to include more information as following guidelines for short communications, we are bound by a maximum number of words and tables/figures.

In the results section, the author should divide this part into several sections and provide more figures or tables.

Response 3: Thank you for pointing this out. However, we are not able to proceed as guided, as following guidelines for short communications, we are bound by a maximum number of words and tables/figures hence putting other table in the supplementary section.

In the **References** section, there is a lack of recent literature.

Response 4 : Thank you for pointing this out. We agree with this comment. We have since included recent literature Reference number 1,8,26