Reviewer's report

Title: Molecular characterization of influenza viruses collected from young children in Uberlandia, Brazil - from 2001 to 2010: presence of reassortment between 2002 strains

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Reviewer: Shufang Fan

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Thelma et al,

In this study, the authors described the molecular characterization of human influenza viruses isolated from young children in Uberlandia from 2001 to 2010. The results would provide important information for influenza surveillance. However, the conclusion in the title “presence of reassortment between 2002 strain” was confusing, since it is hard to be understood based on the data presented in this study. And there were several others issues need to be responded, the details listed as below:

1. In line 142, the description of “among these 376” is confusing.
2. In line 180, “table 2” should be “Figure 2”
3. In line 185-228, the description was hard to be understood, since whole virus names of vaccine were used in text and only vaccine numbers were used in Figure 1 and Figure 2. I suggested that the authors should use consistent names in whole manuscript.
4. The discussion is unnecessarily long and should be shortened.
5. In table one, the subtitles of column 7 and 8 were not suitable.
6. In figure 1, “444 (2002)” should be “444 (2006)”.
7. In figure 2, the vaccine name should be consistent with the description in text.

Level of interest: An article of importance in its field

Quality of written English: Needs some language corrections before being published

Statistical review: No, the manuscript does not need to be seen by a statistician.