

# Review of: "Positive Selection and Adaptation Role of Gut Microbiota in the Evolution of Adaptive Immunity of Mammalian Species"

Cecilia Isabel Muglia

Potential competing interests: No potential competing interests to declare.

The manuscript covers a very interesting topic. It is very original and brings to issue important points.

I think it will really improve if each section were to begin with a statement clarifying the aim of the methods used. For someone who is not an expert in bioinformatics, reading can be really challenging. Also, results should be clarified to make understanding easier for the reader.

The paper is extremely long in experimental details, which is really fine, but maybe some of the details on the methods could go in supplementary material?

I think that after revising these aspects, it will be ready for publishing.