

Review of: "Ancient DNA Clarifies the Identity and Geographic Origin of the Holotype of the Genus *Ctenomys*"

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Potential competing interests: No potential competing interests to declare.

The manuscript is well written, sound, and I do recommend it for publication as it is. I do agree with *C. brasiliensis* as the type species of the genus and believe the authors did a great job defending this position. My main concern is related to the validity of the network analysis using CytB. I expect to see a network analysis with faster markers such as the CR of the mtDNA, but this is not a big issue regarding the entire study. A second issue with this analysis is related to H8: TR02. It seems the sequence has accumulated mutations at a distinct rate compared to the remaining ones (maybe it could be discussed in the text).