Response to Reviewer 1 Comments

The manuscript describes work to develop and characterized new tannase to improve tea quality without negatively impacting sensory attributes. The manuscript does a good job of describing the determination of which modifications to make and how the new tannase were produced. The manuscript also describes the characterization of both the native tannase as well as the new mutants. The thermal stability as well as activity of both the wild type as well as the mutants is explored and described. All the results and conclusions presented were supported by data collected and literature. The manuscript was well written and I support the acceptance of this manuscript.

Authors' response:

Thank you very much for taking the time to review this manuscript. We would like to appreciate for your recognition and recommendation.