

Point-by-point response to the reviewers

Title: Systems biology and OMIC data integration to understand gastrointestinal cancers

Authors:

Iasmin Moreira Costa Bispo

Henry Paul Granger

Palloma Porto Almeida

Patricia Belini Nishiyama

Leandro Martins de Freitas

Version: 2 Date: 21at May 2021

Author's response to reviews:

We thank the reviewers for the critical evaluation of our manuscript. Our responses to the reviewers' comments are presented below:

Reviewer: The manuscript is interesting. Systems biology and OMIC data integration to understand gastrointestinal cancers. However, it requires some answers to comments.

Reviewer: #1: In the "Pancreatic cancer" section (On page 6), "About 80% of the diagnosis is made in advanced clinical stages, leading to a 5-year prognosis of survival after surgery [30]." What is the meaning of this statement?

A: We thank the reviewer for the comment. We want to say that most pancreatic cancer cases are diagnosed in the late stages of the disease. The five-year overall survival is low, and surgery is the best option to improve the patient's condition. We improved this statement and made it clear.

Reviewer: #2: In the part of "Genome data in gastrointestinal cancers" (On page 7), the section on the Hepatocellular carcinoma does not appear. Does this section need to be added to make the content more complete?

A: We thank the reviewer for the comment, and we could not agree more. We improved our "Genome" section and added Hepatocellular carcinoma genome information.

Reviewer: In my opinion, with appropriate revisions and linguistic polishing, this manuscript may be suitable for publication.

A: We thank the reviewer for the overall very positive evaluation of our manuscript. Minor errors were corrected, and the quality of the manuscript was improved. The modifications in the text to improve the English quality are highlighted in the manuscript.