

Reviewer Report

Title: De novo genome assembly of *Camptotheca acuminata*, a natural source of the anti-cancer compound camptothecin

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Reviewer name: Charles Hefer

Reviewer Comments to Author:

The manuscript presents a high quality genome assembly of *C. acuminata*, a tropical tree that produces a natural anti-cancer compound. It also represents the first genome from the Nysaceae family. The genome assembly and annotation is of high quality, and several innovative methods were followed to ensure that the transcriptome assembly and annotations is stringent. The authors made use of the generated resource to identify candidate genes in the camptothecin biosynthesis pathway. This genomic resource is already producing valuable information on the production of these anti-cancer compounds. The manuscript is of high quality, and written in a concise fashion. All the needed information regarding the assembly, annotation and data mining has been presented in a clear manner. I recommend the acceptance of this manuscript without any additional revisions.

Level of Interest

Please indicate how interesting you found the manuscript: An article whose findings are important to those with closely related research interests

Quality of Written English

Please indicate the quality of language in the manuscript: Acceptable

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