

Peer Review

Review of: "Heuristics Based on Adjacency Graph Packing for DCJ Distance Considering Intergenic Regions"

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Nice, sound, important, and elegant piece of work on genome comparison methodology development based on DCJ distances. The paper is very well decorated with nice pictorial descriptions of the mathematical framework actually applied to strings (genes). I could not find any technical glitches. I am just wondering if this has a connection/mapping to a partitioning problem, as the authors have mentioned string partitioning at the end of the paper. If so, then they might want to have a good look at the trailing path algorithm on GCP.

Bandyopadhyay A, Dhar A Kumar, and Basu S. Graph Coloring: A Novel Heuristic Based on Trailing Path—Properties, Perspective, and Applications in Structured Networks. Soft Comput 2020;24(1):603–625; doi: 10.1007/s00500-019-04278-8.

A comment on the same would do nicely for the general readership of the paper.

Declarations

Potential competing interests: No potential competing interests to declare.