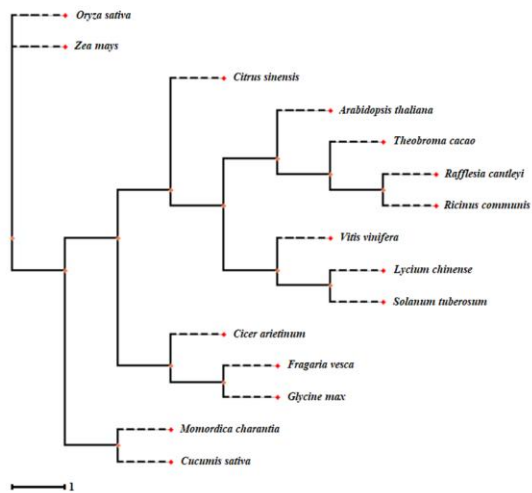


Comparative analysis of nucleus-encoded plastid-targeting proteins in *Rafflesia cantleyi* against photosynthetic and non-photosynthetic representatives reveals orthologous systems with potentially divergent functions

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Supplementary Figure S1. Phylogenetic trees of (a) riboflavin synthase and (b) lysophosphatidic acid acyltransferase, two examples of plastid-targeting proteins that are expressed in *Rafflesia cantleyi*. The tree was built using RAxML. Distant placement of the two *Rafflesia* genes with *Vitis vinifera* proposes that these genes are laterally transferred from the ancestors but not horizontally acquired from their host.

(a)



(b)

