



FIGURE S1. Phylogeny of cytochrome b6-f complex iron-sulfur subunit that provides evidence of putative EGT among the Plantae lineages and other photosynthetic eukaryotes, including dinoflagellates. Non-parametric bootstrap support values $\geq 50\%$ are shown at the nodes of the tree. Dinoflagellates are highlighted in bold-face. The lineages of dinoflagellates and Plantae constitute $>70\%$ of the lineages within the strongly supported clade (bootstrap 71%). The unit of branch length is in the number of substitutions per site.