**Table S1.** Summary of 10 Acanthaceae chloroplast genome Genbank accession numbers.

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| **Species name** | **Genbank accession numbers** |
| *Andrographis paniculata* | NC\_022451 |
| *Ruellia breedlovei* | KP300014 |
| *Strobilanthes cusia* | MG874806 |
| *Echinacanthus attenuatus* | NC\_039762.1 |
| *Echinacanthus longipes* | NC\_039761.1 |
| *Echinacanthus longzhouensis* | NC\_039678.1 |
| *Echinacanthus lofouensis* | NC\_035876.1 |
| *Aphelandra knappiae* | MH909777 |
| *Justicia leptostachya* | MK389502 |
| *Clinacanthus nutans* | MH778102.1 |