The complete chloroplast genome sequence of *Toxicodendron succedaneum* (Anacardiaceae)

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**ABSTRACT**

*Toxicodendron succedaneum* (L.) Kuntze is a deciduous and dioecious tree species in the family Anacardiaceae with important economic values. In this study, we sequenced and analyzed the complete chloroplast (cp) genome of *T. succedaneum*. The circular genome is 159,710 bp in size, and presents a quadripartite structure including two copies of inverted repeat (IR) regions of 26,524 bp, one large single-copy (LSC) region of 87,622 bp, and one small single-copy (SSC) region of 19,040 bp. It encodes a total of 113 unique genes, including 80 protein-coding genes, 29 tRNA genes, and four rRNA genes. Phylogenetic analysis based on 16 cp genome sequences revealed that the genus *Toxicodendron* is closely related to *Pistacia* and *Rhus*, and *T. succedaneum* was most closely related to *T. vernicifluum*.

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bootstrap. Our results indicated that *Toxicodendron* is closely related to *Pistacia* and *Rhus*, and *T. succedaneum* was most closely related to *T. vernicifluum* with 100% bootstrap support (Figure 1).

**Disclosure statement**

No potential conflict of interest was reported by the authors.

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**Data availability**

The complete chloroplast genome sequence of *Toxicodendron succedaneum* is deposited in the GenBank database under the accession number MT211614.

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