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Volume 28, February 2020, Article number 104811

De novo transcriptome dataset of *Stevia rebaudiana* accession MS007 (Data Paper) [\(Open Access\)](#)

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Abstract

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Stevia rebaudiana (*S. rebaudiana*) is a herbaceous and perennial plant belonging to Asteraceae family. The genus *stevia* is well known as a natural producer of sweetener comprising non-caloric and non-carcinogenic steviol glycosides. In recent years, the capability in producing natural sweetener has increased the demand for *S. rebaudiana* as substitute of processed sugars. Flowering phase of *S. rebaudiana* has shown to affect the content of steviol glycosides in the leaves. Steviol glycosides level is the highest at the time of flower bud formation and lowest at time preceding and following flower bud formation. Therefore, sequencing and analysing the genes that are involved in flowering phase will provide platform for gene manipulation in increasing steviol glycosides content. The *Stevia* transcriptome data that include two stages of growth (before flowering and after flowering), were obtained using Illumina RNA-seq technology and can be accessed at NCBI Sequence Read Archive under Accession No. SRX6362785 and SRX6362784. © 2019 The Authors

SciVal Topic Prominence

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[Flowering genes](#) [RNA-Seq](#) [Stevia rebaudiana](#) [Transcriptome](#)

Funding details

Funding sponsor	Funding number	Acronym
International Islamic University Malaysia	RIGS17-022-0597	IIUM
Ministry of Higher Education, Malaysia	FRGS15-255-0496	MOHE

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This work was supported by the International Islamic University Malaysia [RIGS17-022-0597], Universiti Malaysia Pahang [RDU1703249] and Fundamental Research Grant Scheme by Ministry of Higher Education [FRGS15-255-0496]. We also like to thank to Apical Scientific Sdn. Bhd. for technical assistance.

ISSN: 23523409

Source Type: Journal

Original language: English

DOI: 10.1016/j.dib.2019.104811

Document Type: Data Paper

Publisher: Elsevier Inc.

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