

Accepted Manuscript

Gene regulatory network models in response to sugars in the plant circadian system

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PII: S0022-5193(18)30401-6
DOI: <https://doi.org/10.1016/j.jtbi.2018.08.020>
Reference: YJTBI 9585



To appear in: *Journal of Theoretical Biology*

Received date: 13 March 2018
Revised date: 1 August 2018
Accepted date: 16 August 2018

Please cite this article as: Takayuki Ohara , Timothy J. Hearn , Alex A.R. Webb , Akiko Satake , Gene regulatory network models in response to sugars in the plant circadian system, *Journal of Theoretical Biology* (2018), doi: <https://doi.org/10.1016/j.jtbi.2018.08.020>

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Highlights

- This study investigated mechanisms by which sucrose regulates plant circadian clocks.
- We introduced effects of sucrose into circadian gene-regulatory network models.
- The model predicted target genes of sucrose realizing the observed phase response.
- The model revealed how the potential target genes should be regulated by sucrose.

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