Accepted Manuscript

Long negative feedback loop enhances period tunability of biological oscillators

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 PII:
 S0022-5193(17)30554-4

 DOI:
 10.1016/j.jtbi.2017.12.014

 Reference:
 YJTBI 9296

To appear in:

Journal of Theoretical Biology

Received date:7 May 2017Revised date:8 December 2017Accepted date:14 December 2017

Please cite this article as: Kazuhiro Maeda, Hiroyuki Kurata, Long negative feedback loop enhances period tunability of biological oscillators, *Journal of Theoretical Biology* (2017), doi: 10.1016/j.jtbi.2017.12.014

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Highlights

- Positive-plus-negative feedback oscillators generate tunable oscillations
- Tunability is positively correlated with the dynamic range of oscillations
- Long negative feedback oscillators generate tunable oscillations
- Repressilator can be converted into a tunable oscillator

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