



# Data for DNA Transcription and Pausing with Torque [dataset]

Author: Tamra Heberling

## DOI

<https://doi.org/10.15788/M2KW2T>

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## Description

Data for two stochastic models describing DNA transcription with short frequent pauses is available. The TASEP data is for the basic stochastic model without torque. The Elongation with Torque Assisted Motion (ETAM) model, includes torque in the simulation. This dataset is associated with the article Heberling T, Davis L, Gedeon J, Morgan C, Gedeon T (2016) A Mechanistic Model for Cooperative Behavior of Co-transcribing RNA Polymerases. PLoS Computational Biology 12(8): e1005069. <http://doi.org/10.1371/journal.pcbi.1005069>

## Citations

Heberling T (2015) Data for DNA Transcription and Pausing with Torque [dataset]. Montana State University ScholarWorks. <https://doi.org/10.15788/M2KW2T>