

# Synthetic Biomolecular Machines Lab Dataverse

(Johns Hopkins University)

Johns Hopkins Research Data Repository > Synthetic Biomolecular Machines Lab Dataverse >

## Data and code associated with the publication: A DNA-encoded recipe to direct multi-stage colloidal assembly

Version 1.0

Moerman, Pepijn G.; Chou, Cheng-Hung; Videbaek, Thomas; Rogers, W. Benjamin; Schulman, Rebecca, 2026, "Data and code associated with the publication: A DNA-encoded recipe to direct multi-stage colloidal assembly", <https://doi.org/10.7281/T1W5XWDL>, Johns Hopkins Research Data Repository, V1

Learn about [Data Citation Standards](#).

### Dataset Metrics

2 Downloads

### Description

- Raw data for Figure 2 is located in: **/Experiments/Fig2\_delayed\_aggregation**
- Raw data for Figures 3 and 4 can be found at: **/Experiments/Fig3\_4\_Core\_shell**
- The analysis code is available at: **/Experiments/Code**
- Raw data for the Figure 5 simulation is located in: **/Simulation/Raw\_data/Fig5\_Structural\_features\_of\_cluster**

### Subject

Chemistry

### Keyword

self-assembly, DNA material, colloid

### License/Data Use Agreement



[CC BY-NC 4.0](#)

Files

Metadata

Terms

Versions

### Citation Metadata

#### Persistent Identifier

doi:10.7281/T1W5XWDL


**Publication Date**


2026-02-27


**Title**


Data and code associated with the publication: A DNA-encoded recipe to direct multi-stage colloidal assembly


**Author**

Moerman, Pepijn  (Department of Chemical Engineering and Chemistry, Eindhoven University of Technology, Eindhoven, 5612 AE, Netherlands)

Chou, Cheng-Hung  (Department of Chemical and Biomolecular Engineering, Johns Hopkins University, Baltimore, MD, USA)

Videbaek, Thomas  (Martin A. Fisher School of Physics, Brandeis University, Waltham, MA, USA)

Rogers, William  (Martin A. Fisher School of Physics, Brandeis University, Waltham, MA, USA)

Schulman, Rebecca  (Department of Chemical and Biomolecular Engineering, Johns Hopkins University, Baltimore, MD, USA)

**Point of Contact**

Use email button above to contact.

For questions about the data contact Rebecca Schulman via [rschulm3@jhu.edu](mailto:rschulm3@jhu.edu). (Department of Chemical and Biomolecular Engineering, Johns Hopkins University)

For questions about access to the data contact Johns Hopkins University Data Services via [dataservices@jhu.edu](mailto:dataservices@jhu.edu). (Johns Hopkins University Data Services)

**Description**

- Raw data for Figure 2 is located in: **/Experiments/Fig2\_delayed\_aggregation**
- Raw data for Figures 3 and 4 can be found at: **/Experiments/Fig3\_4\_Core\_shell**
- The analysis code is available at: **/Experiments/Code**
- Raw data for the Figure 5 simulation is located in: **/Simulation/Raw\_data/Fig5\_Structural\_features\_of\_cluster**

**Subject**

Chemistry

**Keyword**

self-assembly  
DNA material  
colloid

**Related Publication**

Is Supplement To: doi 10.1073/pnas.2527410123 <https://doi.org/10.1073/pnas.2527410123>

**Language**

English

**Producer**

Schulman, Rebecca (Department of Chemical and Biomolecular Engineering, Johns Hopkins University) <https://schulmanlab.jhu.edu/>

**Production Location**

Johns Hopkins University

**Funding Information**

United States Department of Defense: Army Research Office: W911NF2010057  
United States Department of Energy: DE-SC0010426  
Department of International and Cross-strait Education  
American Institute of Physics: Robert H.G. Helleman Memorial Fellowship  
National Science Foundation: DMR-1710112  
National Science Foundation: Brandeis Bioinspired Soft Materials MRSEC: DMR-2011846  
Smith Family Foundation

**Distributor**

Johns Hopkins University Data Services (JHUDS) <https://dataservices.library.jhu.edu>

**Depositor**

Chou, Cheng-Hung

**Data Type**

image; code

**Software Description**