



## (Core Project OT2OD036435)

### Overview

High-level info about this project.

| Projects          | Name               | Award  | Publications    | Repositories   | Analytics    |
|-------------------|--------------------|--------|-----------------|----------------|--------------|
| 1OT2OD036435-01   | The CFDE Workbench | \$7.2M | 15 publications | 0 repositories | 0 properties |
| 3OT2OD036435-01S2 |                    |        |                 |                |              |
| 3OT2OD036435-01S1 |                    |        |                 |                |              |

## Publications

Published works associated with this project.

| ID                       | Title  | Authors   | RCR           | SJR       | Citations | Cit./year | Journal                                   | Published | Updated      |
|--------------------------|--|---|---------------|-----------|-----------|-----------|---|-----------|--------------|
| <a href="#">38643247</a> | Rummagene: massive mining of gene sets from supporting materials of biomedical research publications | Clarke,<br>Daniel J B<br>...4 more...<br>Ma'ayan,<br>Avi      | 5.<br>65<br>1 | 2.0<br>71 | 26        | 26        | Communications biology                    | 2024      | Dec 28, 2025 |
| <a href="#">39569206</a> | RummaGEO: Automatic mining of human and mouse gene sets from GEO.                                    | Marino,<br>Giacomo B<br>...3 more...<br>Ma'ayan,<br>Avi       | 2.<br>15<br>1 | 1.5<br>27 | 9         | 9         | Patterns (New York, N.Y.)                 | 2024      | Dec 28, 2025 |
| <a href="#">37460679</a> | Toxicology knowledge graph for structural birth defects.   | Evangelista, John<br>Erol<br>...16 more...<br>Ma'ayan,<br>Avi | 2.<br>14<br>8 | 2.0<br>98 | 17        | 8.5       | Communications medicine                   | 2023      | Dec 28, 2025 |
| <a href="#">39415993</a> | The molecular chronology of mammary epithelial cell fate switching.                                  | Vallmajó-Martin,<br>Queralt                                   | 0.<br>4       | 0         | 2         | 2         | bioRxiv : the preprint server for biology | 2024      | Dec 28, 2025 |

|                          |  |              |                                |                       |               |       |        |   |
|--------------------------|--|--------------|--------------------------------|-----------------------|---------------|-------|--------|---|
|                          |  |              |                                |                       |               |       |        |   |
| <a href="#">38339304</a> | Molecular Atlas of HER2+ Breast Cancer Cells Treated with Endogenous Ligands: Temporal Insights i... | ...7 more... | Lytle, Nikki K                 | Mukund, Kavitha       | ...10 more... | 0.31  | 145.00 | 22 Cancers                                |
|                          |  |              |                                | Subramani am, Shankar | 9             | 4     |        | 2024 Dec 28, 2025                         |
| <a href="#">38645198</a> | RummaGEO: Automatic Mining of Human and Mouse Gene Sets from GEO.                                    |              | Marino, Giacomo B ...2 more... | Ma'ayan, Avi          | 0.24          | 0     | 11     | bioRxiv : the preprint server for biology |
| <a href="#">37953774</a> | Dex-Benchmark: datasets and code to evaluate algorithms for transcriptomics data analysis.           |              | Xie, Zhuorui ...1 more...      | Ma'ayan, Avi          | 0.14          | 0.625 | 10.5   | PeerJ                                     |
| <a href="#">39565691</a> | Protocol for using Multiomics2Targets to identify targets and driver kinases for cancer cohorts p... |              | Marino, Giacomo B ...6 more... | Ma'ayan, Avi          | 0             | 0.925 | 00     | STAR protocols                            |

[40956607](#)   
[DOI](#) 

Creating an Interactive Web Interface for Networks Stored in Knowledge Graph Databases.

Evangelist  
a, John  
Erol  
...5 more...  
Ma'ayan,  
Avi

0      1.5  
98      1      1

Current protocols

2025

Dec 28, 2025

[40308216](#)   
[DOI](#) 

L2S2: chemical perturbation and CRISPR KO LINCS L1000 signature search engine.

Marino,  
Giacomo B  
...2 more...  
Ma'ayan,  
Avi

0      7.7  
76      4      4

Nucleic acids research

2025

Dec 28, 2025



## Notes

RCR [Relative Citation Ratio](#) 

SJR [Scimago Journal Rank](#) 

# </> Repositories

Software repositories associated with this project.

| Name | Description | Last Commit             | S     | F  | W    | C    | I   | P   | R  | L   | C  | O  | C  | n  | o   | L  | C    | a     |
|------|-------------|-------------------------|-------|----|------|------|-----|-----|----|-----|----|----|----|----|-----|----|------|-------|
|      |             |                         | t     | o  | tc   | m    | s   | R   | e  | d   | i  | o  | n  | o  | L   | c  | o    | n     |
| amg  | last commit | at 2023-01-29T14:23:45Z | arshm | rk | reit | ssrs | Ae  | Ad  | Ab | Ai  | Ob | en | ri | ng | er  | an | gues | uages |
| se   |             |                         |       |    |      |      | Avg | Mut | Uc | Tos | Se | In | N. | ng | in. | ng | .    |       |

No data

## Notes

Repository For storing, tracking changes to, and collaborating on a piece of software.

PR "Pull request", a draft change (new feature, bug fix, etc.) to a repo.

Closed/Open Resolved/unresolved.

Built on Jan 29, 2026

Developed with support from NIH Award [U54 OD036472](#)

# of dependencies is totaled from all manifests in repo, direct and transitive, e.g. package.json + package-lock.json .

## Analytics

Website metrics associated with this project.

### Notes

Active Users [Distinct users who visited the website ↗](#).

New Users [Users who visited the website for the first time ↗](#).

Engaged Sessions [Visits that had significant interaction ↗](#).

"Top" metrics are measured by number of engaged sessions.