🔬 Core Project OT2OD036435

👁 Overview

High-level info about this project.

Projects	Name	Award	Publications	Repositories	Analytics
1OT2OD036435-01 3OT2OD036435-01S2 3OT2OD036435-01S1	The CFDE Workbench	$7,184,710.00	15 publications	0 repositories	0 properties

📖 Publications

Published works associated with this project.

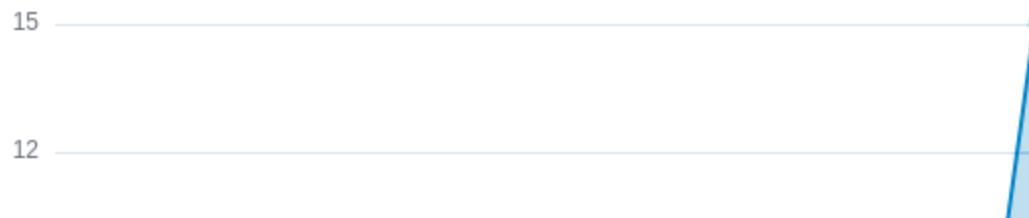| ID	Title	Authors	RCR	SJR	Citations	Cit./year	Journal	Published	Updated
38643247 ↗ DOI ↗	Rummagene: massive mining of gene sets from supporting materials of biomedical research publicati...	Clarke, Daniel J B ...4 more... Ma'ayan, Avi	5.299	0	23	23	Commun Biol	2024	Dec 10, 2025 (just now)
39569206 ↗ DOI ↗	RummaGEO: Automatic mining of human and mouse gene sets from GEO.	Marino, Giacomo B ...3 more... Ma'ayan, Avi	2.319	0	9	9	Patterns (N Y)	2024	Dec 10, 2025 (just now)
37460679 ↗ DOI ↗	Toxicology knowledge graph for structural birth defects.	Evangelista, John Erol ...16 more... Ma'ayan, Avi	2.24	0	17	8.5	Commun Med (Lond)	2023	Dec 10, 2025 (just now)

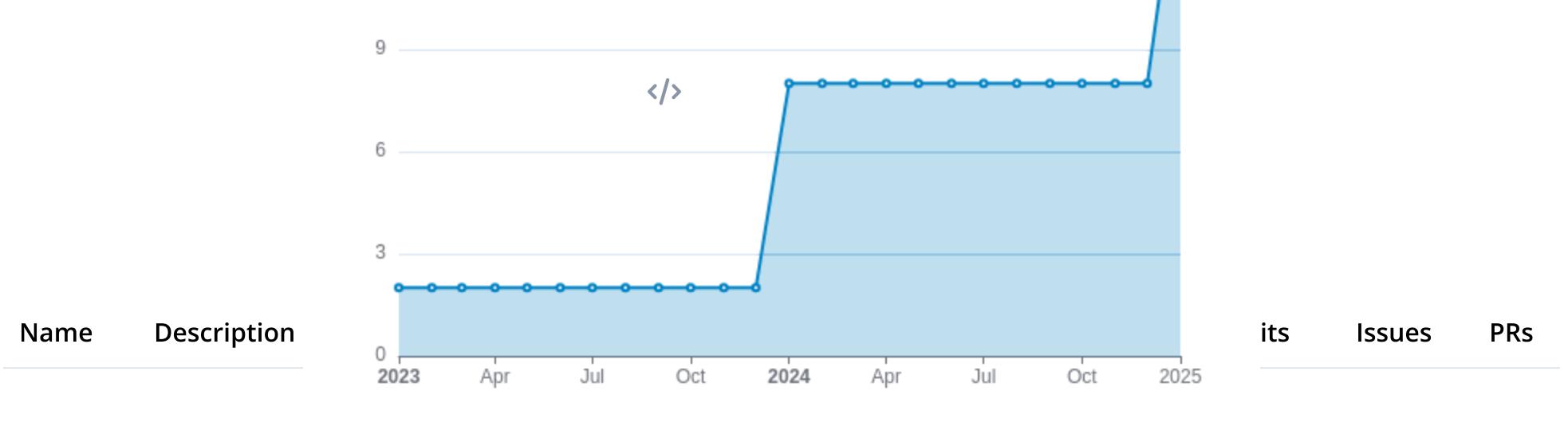|								
[38339304](#) ↗ DOI ↗	Molecular Atlas of HER2+ Breast Cancer Cells Treated with Endogenous Ligands: Temporal Insights i...	Mukund, Kavitha ...10 more... Subramani am, Shankar	0.344	0	2	2	Cancers (Basel)	2024	Dec 10, 2025 (just now)
[38645198](#) ↗ DOI ↗	RummaGEO: Automatic Mining of Human and Mouse Gene Sets from GEO.	Marino, Giacomo B ...2 more... Ma'ayan, Avi	0.258	0	1	1	bioRxiv	2024	Dec 10, 2025 (just now)
[39415993](#) ↗ DOI ↗	The molecular chronology of mammary epithelial cell fate switching.	Vallmajo-Martin, Queralt ...7 more... Lytle, Nikki K	0.187	0	1	1	bioRxiv	2024	Dec 10, 2025 (just now)
[37953774](#) ↗ DOI ↗	Dex-Benchmark: datasets and code to evaluate algorithms for transcriptomics data analysis.	Xie, Zhuorui ...1 more... Ma'ayan, Avi	0.151	0	1	0.5	PeerJ	2023	Dec 10, 2025 (just now)

[39990419](#) DOI	Spatially distinct cellular and molecular landscapes define prognosis in triple negative breast c...	Mukund, Kavitha ...13 more... Subramaniam, Shankar	0	0	1	1	bioRxiv	2025	Dec 10, 2025 (just now)
[40133794](#) DOI	lncRNAlyzr: Enrichment Analysis for lncRNA Sets.	Evangelista, John Erol ...5 more... Ma'ayan, Avi	0	0	4	4	J Mol Biol	2025	Dec 10, 2025 (just now)
[40308216](#) DOI	L2S2: chemical perturbation and CRISPR KO LINCS L1000 signature search engine.	Marino, Giacomo B ...2 more... Ma'ayan, Avi	0	0	4	4	Nucleic Acids Res	2025	Dec 10, 2025 (just now)
[40956607](#) DOI	Creating an Interactive Web Interface for Networks Stored in Knowledge Graph Databases.	Evangelista, John Erol ...5 more... Ma'ayan, Avi	0	0	1	1	Curr Protoc	2025	Dec 10, 2025 (just now)
[40501705](#) DOI	A Gene Set Foundation Model Pre-Trained on a Massive Collection of Diverse Gene Sets.	Clarke, Daniel J B ...1 more...	0	0	0	0	bioRxiv	2025	Dec 10, 2025

		Ma'ayan, Avi							(just now)
[39565691](#) ↗ DOI ↗	Protocol for using Multiomics2Targets to identify targets and driver kinases for cancer cohorts p...	Marino, Giacomo B ...6 more... Ma'ayan, Avi	0	0	0	0	STAR Protoc	2024	Dec 10, 2025 (just now)
[40672200](#) ↗ DOI ↗	A novel subtyping method for TNBC with implications for prognosis and therapy.	Mesrizadeh, Zahra ...9 more... Subramaniam, Shankar	0	0	0	0	bioRxiv	2025	Dec 10, 2025 (just now)
[40832173](#) ↗ DOI ↗	ChEA-KG: Human Transcription Factor Regulatory Network with a Knowledge Graph Interactive User In...	Byrd, Anna I ...4 more... Ma'ayan, Avi	0	0	1	1	bioRxiv	2025	Dec 10, 2025 (just now)

Publications (cumulative)

Total: 15

15

12

Name	Description				its	Issues	PRs

Name	Issue Avg	PR Avg	Readme	Contributing	Code of Con.	License	Contrib.	Languages	Dependencies
					No data				

SJR	[Scimago Journal Rank](#) ↗

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.
Issue/PR Avg	Average time issues/pull requests stay open for before being closed.

Only the `main`/default branch is considered for metrics like # of commits.

# 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.