

Resource Summary Report

Generated by SPARC SAWG on Sep 4, 2026

Vector Database

RRID:SCR_005907

Type: Tool

Proper Citation

Vector Database (RRID:SCR_005907)

Resource Information

URL: <http://www.addgene.org/vector-database/>

Proper Citation: Vector Database (RRID:SCR_005907)

Description: Vector database is a digital collection of vector backbones assembled from publications and commercially available sources. This is a free resource for the scientific community that is compiled by Addgene. Only the plasmids deposited at Addgene are available for purchase through this website.

Abbreviations: Vector Database

Synonyms: Addgene Vector Database

Resource Type: biomaterial supply resource, material resource

Keywords: vector, vector backbone, plasmid, mammalian expression, bacterial expression, retroviral, lentiviral, worm expression, insect expression, yeast expression, rnaï, luciferase, mouse targeting, mammalian, bacterial, yeast, worm, insect, mouse, adenoviral, rnaï, cre/lox, marker, neomycin, puromycin, hygromycin, zeocin, blasticidin, gentamicin, bacterial resistance, ampicillin, kanamycin, chloramphenicol, hygromycin, bleocin, zeocin

Availability: Free

Resource Name: Vector Database

Resource ID: SCR_005907

Alternate IDs: nlx_149479

Record Creation Time: 20220129T080233+0000

Record Last Update: 20260904T000414+0000

Ratings and Alerts

No rating or validation information has been found for Vector Database.

No alerts have been found for Vector Database.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

Listed below are recent publications. The full list is available at [SPARC SAWG](#) .

Wang PZ, et al. (2025) Sensory plasticity caused by up-down regulation encodes the information of short-term learning and memory. *iScience*, 28(4), 112215.

Gilbert J, et al. (2020) NEXMIF/KIDLIA Knock-out Mouse Demonstrates Autism-Like Behaviors, Memory Deficits, and Impairments in Synapse Formation and Function. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 40(1), 237.

Payne P, et al. (2018) CRISPR-based herd immunity can limit phage epidemics in bacterial populations. *eLife*, 7.

Baranowski C, et al. (2018) Maturing *Mycobacterium smegmatis* peptidoglycan requires non-canonical crosslinks to maintain shape. *eLife*, 7.

Gilbert J, et al. (2016) The X-Linked Autism Protein KIAA2022/KIDLIA Regulates Neurite Outgrowth via N-Cadherin and β -Catenin Signaling. *eNeuro*, 3(5).

Kamens J, et al. (2015) The Addgene repository: an international nonprofit plasmid and data resource. *Nucleic acids research*, 43(Database issue), D1152.

Galperin MY, et al. (2015) The 2015 Nucleic Acids Research Database Issue and molecular biology database collection. *Nucleic acids research*, 43(Database issue), D1.