# Resource Summary Report

Generated by PRECISE-TBI on Jul 28, 2026

## Addgene

RRID:SCR_002037
Type: Tool

### Proper Citation

Addgene (RRID:SCR_002037)

### Resource Information

**URL:** http://www.addgene.org

**Proper Citation:** Addgene (RRID:SCR_002037)

**Description:** Non-profit plasmid repository dedicated to helping scientists around the world share high-quality plasmids. Facilitates archiving and distributing DNA-based research reagents and associated data to scientists worldwide. Repository contains over 65,000 plasmids, including special collections on CRISPR, fluorescent proteins, and ready-to-use viral preparations. There is no cost for scientists to deposit plasmids, which saves time and money associated with shipping plasmids themselves. All plasmids are fully sequenced for validation and sequencing data is openly available. We handle the appropriate Material Transfer Agreements (MTA) with institutions, facilitating open exchange and offering intellectual property and liability protection for depositing scientists. Furthermore, we curate free educational resources for the scientific community including a blog, eBooks, video protocols, and detailed molecular biology resources.

**Synonyms:** Addgene Repository, Addgene Plasmid Database

**Resource Type:** material storage repository, service resource, organization portal, storage service resource, portal, data or information resource

**Defining Citation:** DOI:10.1093/nar/gku893

**Keywords:** RIN, Resource Information Network, plasmid, molecular biology, sequence alignment, repository, bio.tools, FASEB list, RRID Community Authority

**Funding:** Fees collected from plasmid sales support operation of the repository

**Availability:** Free (deposit of plasmids), Limited (Some available to academic and non-profits, For-profit entities, Commercial license), Material Transfer Agreement, Non-commercial, Acknowledgement required, Copyrighted, For informational purposes only, Commercial with written consent, The community can contribute to this resource

**Resource Name:** Addgene

**Resource ID:** SCR_002037

**Alternate IDs:** ISNI: 0000 0004 5912 0787, Wikidata: Q4681063, grid.482682.2, biotools:Addgene, nif-0000-11872

**Alternate URLs:** https://ror.org/01nn1pw54, https://bio.tools/Addgene

**License:** Resource specific license

**License URLs:** https://www.addgene.org/terms-of-use/

**Record Creation Time:** 20220129T080211+0000

**Record Last Update:** 20260728T043125+0000

## Ratings and Alerts

No rating or validation information has been found for Addgene.

No alerts have been found for Addgene.

## Data and Source Information

**Source:** SciCrunch Registry

## Usage and Citation Metrics

We found 50586 mentions in open access literature.

**Listed below are recent publications.** The full list is available at PRECISE-TBI .

Peeples SM, et al. (2026) Asparaginyl-tRNA synthetase (NARS1) variants implicated in dominant neurological phenotypes display dominant-negative properties. HGG advances, 7(1), 100519.

Zhang Z, et al. (2026) Autophagy controls the hippocampal postsynaptic organization and affects cognition in a mouse model of Fragile X syndrome. Molecular psychiatry, 31(1), 75.

Li X, et al. (2026) Talin-tensin3 interactions regulate fibrillar adhesion formation and tensin3 phase separation. The Journal of cell biology, 225(1).

Lyu C, et al. (2026) A Dual-compartment Scaffolding Role for Receptor for Activate C Kinase 1 in Hepatic Glucagon Signaling and Gluconeogenesis. Cellular and molecular gastroenterology and hepatology, 20(2), 101666.

Pournejati R, et al. (2026) Functionally-Coupled Ion Channels Begin Co-assembling at the Start of Their Synthesis. bioRxiv : the preprint server for biology.

Miglierina E, et al. (2026) DIS3 licenses B cells for plasma cell differentiation in humans. Cellular & molecular immunology, 23(1), 31.

Cui A, et al. (2026) Generation of hiPSC-Derived Brain Microvascular Endothelial Cells Using Directed Differentiation and Transcriptional Reprogramming. Arteriosclerosis, thrombosis, and vascular biology, 46(1), 210.

Zhou MH, et al. (2026) Spinal ?2?-1 induces GluA3 degradation to regulate assembly of calcium-permeable AMPA receptors and pain hypersensitivity. The Journal of clinical investigation, 136(1).

Bianchi N, et al. (2026) FCRL3 is an immunoregulatory receptor that restrains the activation of human memory T lymphocytes. The Journal of experimental medicine, 223(1).

Žun G, et al. (2026) Discovery and validation of ASG1 as a novel determinant of NaCl tolerance in the yeast Saccharomyces cerevisiae through iterative crossing. G3 (Bethesda, Md.), 16(1).

Shafer N, et al. (2026) Mycobacteriophage Mcgavigan Uses Noncanonical Bxb1-Like Repressor for Heterotypic Superinfection Immunity. Journal of basic microbiology, 66(1), e70133.

Miya K, et al. (2026) Altered Excitability and Glutamatergic Synaptic Transmission in the Medium Spiny Neurons of the Nucleus Accumbens in Mice Deficient in the Heparan Sulfate Endosulfatase Sulf1. eNeuro, 13(1).

Revazishvili V, et al. (2026) The BRAF-specific region suppresses cysteine-rich domain-lipid interaction independently of canonical autoinhibition by the 14-3-3 dimer. Protein science : a publication of the Protein Society, 35(1), e70419.

Liu Z, et al. (2026) AARS1-mediated AKR1B10 lactylation stabilizes an aerobic glycolysis-positive feedback loop to drive lenvatinib resistance in hepatocellular carcinoma. Clinical and translational medicine, 16(1), e70561.

Utichi M, et al. (2026) Role of N-glycosylation as a determinant of ATG9A conformations and activity. Protein science : a publication of the Protein Society, 35(1), e70390.

Iavazzo M, et al. (2026) TFEB coordinates autophagosome biogenesis and ribophagy during starvation via SQSTM1. Science advances, 12(1), eaea9302.

Telonis AG, et al. (2026) Synergistic intragenic epigenetic deregulation by IDH2 and SRSF2 mutations causes mis-splicing of key transcriptional regulators. Science advances, 12(1), eadu8292.

Galindo G, et al. (2026) AI-assisted protein design to rapidly convert antibody sequences to intrabodies targeting diverse peptides and histone modifications. Science advances, 12(1), eadx8352.

Bang S, et al. (2026) A Growth-Coupled Evolutionary Strategy Enhances Heme Biosynthesis in Saccharomyces cerevisiae. Biotechnology journal, 21(1), e70175.

Yamashita AMS, et al. (2026) Necessity of Notch3 signaling in myofiber maturation in a pluripotent stem cell transplant model. Skeletal muscle, 16(1), 1.