Resource Summary Report

Generated by RRID on Aug 19, 2026

AdEasier-1 cells (strain)

RRID:Addgene_16399
Type: Plasmid

Proper Citation

RRID:Addgene_16399

Plasmid Information

URL: http://www.addgene.org/16399

Proper Citation: RRID:Addgene_16399

Insert Name: AdEasier-1 bacterial cells

Organism: E. coli

Bacterial Resistance: Ampicillin and Streptomycin

Defining Citation: PMID:9482916

Vector Backbone Description: Backbone Size:0; Vector Backbone:n/a; Vector Types:; Bacterial Resistance:Ampicillin and Streptomycin

Comments: AdEasier-1 cells are BJ5183 derivatives which already contain the AdEasy-1 plasmid. Please note that you cannot isolate AdEasy-1 from this strain. Please see Plasmid #16400 if you only want the plasmid. In order to generate recombinant vectors ready to transfer into 293 cells, one simply has to transform the AdEasier-1 cells with a shuttle vector (such as pAdTrack-CMV) containing the gene of interest, and then proceed as with the standard AdEasy system. AdEasier is a trademark of the Johns Hopkins University.

Plasmid Name: AdEasier-1 cells (strain)

Record Creation Time: 20220422T221927+0000

Record Last Update: 20260815T080917+0000

Ratings and Alerts

No rating or validation information has been found for AdEasier-1 cells (strain).

No alerts have been found for AdEasier-1 cells (strain).

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 17 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Li Y, et al. (2026) The desmoglein 2 interactome in primary neonatal cardiomyocytes. Journal of cell science, 139(3).

Li Y, et al. (2025) The Desmoglein 2 interactome in primary neonatal cardiomyocytes. bioRxiv : the preprint server for biology.

Bredow C, et al. (2024) ISG15 blocks cardiac glycolysis and ensures sufficient mitochondrial energy production during Coxsackievirus B3 infection. Cardiovascular research, 120(6), 644.

Perera DJ, et al. (2023) BCG administration promotes the long-term protection afforded by a single-dose intranasal adenovirus-based SARS-CoV-2 vaccine. iScience, 26(9), 107612.

Artarini A, et al. (2023) Development of Adenovirus-Based Covid-19 Vaccine Candidate in Indonesia. Molecular biotechnology, 1.

Perera DJ, et al. (2022) A low dose adenovirus vectored vaccine expressing Schistosoma mansoni Cathepsin B protects from intestinal schistosomiasis in mice. EBioMedicine, 80, 104036.

Francis CR, et al. (2022) Capturing membrane trafficking events during 3D angiogenic development in vitro. Microcirculation (New York, N.Y. : 1994), 29(6-7), e12726.

Francis CR, et al. (2022) Rab35 governs apicobasal polarity through regulation of actin dynamics during sprouting angiogenesis. Nature communications, 13(1), 5276.

Dumitrescu M, et al. (2021) An Efficient Method for Adenovirus Production. Journal of visualized experiments : JoVE(172).

Webb AM, et al. (2021) EHD2 modulates Dll4 endocytosis during blood vessel development. Microcirculation (New York, N.Y. : 1994), 29(1), e12740.

Hancock MH, et al. (2021) Human Cytomegalovirus UL7, miR-US5-1, and miR-UL112-3p Inactivation of FOXO3a Protects CD34+ Hematopoietic Progenitor Cells from Apoptosis. mSphere, 6(1).

Dumitrescu M, et al. (2021) K2 Transfection System Boosts the Adenoviral Transduction of Murine Mesenchymal Stromal Cells. International journal of molecular sciences, 22(2).

Demmings MD, et al. (2021) Activating transcription factor-4 promotes neuronal death induced by Parkinson's disease neurotoxins and ?-synuclein aggregates. Cell death and

differentiation, 28(5), 1627.

Perera DJ, et al. (2021) Promising Technologies in the Field of Helminth Vaccines. Frontiers in immunology, 12, 711650.

Dumitrescu M, et al. (2020) Adenovirus-Mediated FasL Minigene Transfer Endows Transduced Cells with Killer Potential. International journal of molecular sciences, 21(17).

Walter S, et al. (2019) The metalloprotease ADAMTS4 generates N-truncated A?4-x species and marks oligodendrocytes as a source of amyloidogenic peptides in Alzheimer's disease. Acta neuropathologica, 137(2), 239.

Li Y, et al. (2019) The N-cadherin interactome in primary cardiomyocytes as defined using quantitative proximity proteomics. Journal of cell science, 132(3).