

Resource Summary Report

Generated by [RRID](#) on Aug 18, 2026

BJ5183 cells

RRID:Addgene_16398

Type: Plasmid

Proper Citation

RRID:Addgene_16398

Plasmid Information

URL: <http://www.addgene.org/16398>

Proper Citation: RRID:Addgene_16398

Insert Name: BJ5183 bacterial cells

Organism: E. coli

Bacterial Resistance: Streptomycin

Defining Citation: [PMID:9482916](#)

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

Comments: This is a bacterial strain - not a plasmid. Select with 30 ug/mL streptomycin. Electrocompetent BJ5183 cells are used to carry out the recombination between the shuttle vector (pShuttle, pShuttle-CMV, pAdTrack, or pAdTrack-CMV) and the adenoviral vector (pAdEasy1 or pAdEasy2).

Plasmid Name: BJ5183 cells

Record Creation Time: 20220422T221927+0000

Record Last Update: 20260815T080917+0000

Ratings and Alerts

No rating or validation information has been found for BJ5183 cells.

No alerts have been found for BJ5183 cells.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Kuganesan N, et al. (2025) Phosphorylation State of RB Modulates Ferroptotic Sensitivity. Cell biochemistry and function, 43(6), e70085.

Herwig S, et al. (2024) Improving the Antigenicity of SARS-CoV-2 Vaccine Genes by Merging Mutations from Different Variants of Concern. Vaccines, 12(3).

Kuganesan N, et al. (2023) Regulation of Ferroptosis by Transcription Factor E2F1 and RB. Research square.

Holkers M, et al. (2014) Construction and characterization of adenoviral vectors for the delivery of TALENs into human cells. Methods (San Diego, Calif.), 69(2), 179.