

Resource Summary Report

Generated by [RRID](#) on Aug 21, 2026

pBS-ACTB-C200-GFPfr1

RRID:Addgene_169798

Type: Plasmid

Proper Citation

RRID:Addgene_169798

Plasmid Information

URL: <http://www.addgene.org/169798>

Proper Citation: RRID:Addgene_169798

Insert Name: Donor sequence to ACTB gene for HR

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:30733539](#)

Vector Backbone Description: Backbone Marker:Stratagene; Backbone Size:2959; Vector Backbone:pBlueScript II SK (+); Vector Types:HR donor vector for human ACTB gene.; Bacterial Resistance:Ampicillin

Plasmid Name: pBS-ACTB-C200-GFPfr1

Relevant Mutation: Partial sequence of GFP is inserted before the stop codon of ACTB gene.

Record Creation Time: 20220422T221950+0000

Record Last Update: 20260815T081002+0000

Ratings and Alerts

No rating or validation information has been found for pBS-ACTB-C200-GFPfr1.

No alerts have been found for pBS-ACTB-C200-GFPfr1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Yoshino Y, et al. (2025) Assay for Site-Specific Homologous Recombination Activity in Adherent Cells, Suspension Cells, and Tumor Tissues. Bio-protocol, 15(7), e5260.

Iida Y, et al. (2024) Bevacizumab increases the sensitivity of olaparib to homologous recombination-proficient ovarian cancer by suppressing CRY1 via PI3K/AKT pathway. Frontiers in oncology, 14, 1302850.

Yanaihara N, et al. (2023) Paclitaxel sensitizes homologous recombination-proficient ovarian cancer cells to PARP inhibitor via the CDK1/BRCA1 pathway. Gynecologic oncology, 168, 83.