

Resource Summary Report

Generated by [RRID](#) on Sep 2, 2026

pCAGGS DRR mCherry Donor EF1a BFP

RRID:Addgene_98896

Type: Plasmid

Proper Citation

RRID:Addgene_98896

Plasmid Information

URL: <http://www.addgene.org/98896>

Proper Citation: RRID:Addgene_98896

Insert Name: Neomycin-T2A-mCherry-GFP

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:28959974](#)

Vector Backbone Description: Backbone Size:3050; Vector Backbone:pCAGGS; Vector Types:Mammalian Expression, Synthetic Biology; Bacterial Resistance:Ampicillin

Plasmid Name: pCAGGS DRR mCherry Donor EF1a BFP

Record Creation Time: 20220422T222632+0000

Record Last Update: 20260902T050544+0000

Ratings and Alerts

No rating or validation information has been found for pCAGGS DRR mCherry Donor EF1a BFP.

No alerts have been found for pCAGGS DRR mCherry Donor EF1a BFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 15 mentions in open access literature.

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

Sun S, et al. (2026) CBX2 phase-separation contributes to homologous recombination repair and drug resistance in ovarian cancer. *Cell death & disease*, 17(1).

Zhang Q, et al. (2025) LINC01235 Promotes Clonal Evolution through DNA Replication Licensing-Induced Chromosomal Instability in Breast Cancer. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 12(14), e2413527.

Tao S, et al. (2025) Inhibition of GSK3?? is synthetic lethal with FHIT loss in lung cancer by blocking homologous recombination repair. *Experimental & molecular medicine*, 57(1), 167.

Huang L, et al. (2025) LEF1 confers resistance to DNA-damaging chemotherapies through upregulation of PARP1 and NUMA1 in ovarian cancer. *Oncogene*, 44(43), 4130.

Qin C, et al. (2023) RAP80 phase separation at DNA double-strand break promotes BRCA1 recruitment. *Nucleic acids research*, 51(18), 9733.

Sun D, et al. (2023) Enhancement of glycolysis-dependent DNA repair regulated by FOXO1 knockdown via PFKFB3 attenuates hyperglycemia-induced endothelial oxidative stress injury. *Redox biology*, 59, 102589.

Sobanski T, et al. (2023) The fructose-bisphosphate, Aldolase A (ALDOA), facilitates DNA-PKcs and ATM kinase activity to regulate DNA double-strand break repair. *Scientific reports*, 13(1), 15171.

Yang S, et al. (2023) Fatty acid oxidation facilitates DNA double-strand break repair by promoting PARP1 acetylation. *Cell death & disease*, 14(7), 435.

Chen Y, et al. (2023) ATR-binding lncRNA ScaRNA2 promotes cancer resistance through facilitating efficient DNA end resection during homologous recombination repair. *Journal of experimental & clinical cancer research : CR*, 42(1), 256.

He DD, et al. (2022) BRD4 inhibition induces synthetic lethality in ARID2-deficient hepatocellular carcinoma by increasing DNA damage. *Oncogene*, 41(10), 1397.

Yu R, et al. (2022) LncRNA CTBP1-DT-encoded microprotein DDUP sustains DNA damage response signalling to trigger dual DNA repair mechanisms. *Nucleic acids research*, 50(14), 8060.

Wang YL, et al. (2022) MRNIP condensates promote DNA double-strand break sensing and end resection. *Nature communications*, 13(1), 2638.

Burgess JT, et al. (2021) Barrier-to-autointegration-factor (Banf1) modulates DNA double-strand break repair pathway choice via regulation of DNA-dependent kinase (DNA-PK) activity. *Nucleic acids research*, 49(6), 3294.

Fukumoto T, et al. (2019) N6-Methylation of Adenosine of FZD10 mRNA Contributes to PARP Inhibitor Resistance. *Cancer research*, 79(11), 2812.

Hu W, et al. (2019) Heterogeneous nuclear ribonucleoprotein L facilitates recruitment of 53BP1 and BRCA1 at the DNA break sites induced by oxaliplatin in colorectal cancer. *Cell death & disease*, 10(8), 550.