

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 9, 2026

pBMN DHFR(DD)-YFP

RRID:Addgene_29325

Type: Plasmid

Proper Citation

RRID:Addgene_29325

Plasmid Information

URL: <http://www.addgene.org/29325>

Proper Citation: RRID:Addgene_29325

Insert Name: DHFR(DD)-YFP

Organism: E. coli

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:20851347](#)

Vector Backbone Description: Backbone Marker:Garry Nolan; Backbone Size:6943; Vector Backbone:pBMN; Vector Types:Retroviral; Bacterial Resistance:Ampicillin

Plasmid Name: pBMN DHFR(DD)-YFP

Relevant Mutation: Change Arg 12 to Tyr (R12Y),Gly 67 to Ser (G67S) and Tyr 100 to Ile (Y100I)--destabilizing domain

Record Creation Time: 20220422T222129+0000

Record Last Update: 20260808T081515+0000

Ratings and Alerts

No rating or validation information has been found for pBMN DHFR(DD)-YFP.

No alerts have been found for pBMN DHFR(DD)-YFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Kulcsár PI, et al. (2023) A cleavage rule for selection of increased-fidelity SpCas9 variants with high efficiency and no detectable off-targets. *Nature communications*, 14(1), 5746.

Kim YE, et al. (2023) Reversibility and developmental neuropathology of linear nevus sebaceous syndrome caused by dysregulation of the RAS pathway. *Cell reports*, 42(1), 112003.

Li Z, et al. (2022) The balance between NANOG and SOX17 mediated by TET proteins regulates specification of human primordial germ cell fate. *Cell & bioscience*, 12(1), 181.

Shimojo M, et al. (2021) A genetically targeted reporter for PET imaging of deep neuronal circuits in mammalian brains. *The EMBO journal*, 40(22), e107757.

Chen J, et al. (2021) A drug-tunable Flt23k gene therapy for controlled intervention in retinal neovascularization. *Angiogenesis*, 24(1), 97.

Kulcsár PI, et al. (2020) Blackjack mutations improve the on-target activities of increased fidelity variants of SpCas9 with 5'G-extended sgRNAs. *Nature communications*, 11(1), 1223.

Meador K, et al. (2019) Achieving tight control of a photoactivatable Cre recombinase gene switch: new design strategies and functional characterization in mammalian cells and rodent. *Nucleic acids research*, 47(17), e97.

Wang Z, et al. (2018) Iron Drives T Helper Cell Pathogenicity by Promoting RNA-Binding Protein PCBP1-Mediated Proinflammatory Cytokine Production. *Immunity*, 49(1), 80.

Kogenaru M, et al. (2018) Drug-Inducible Control of Lethality Genes: A Low Background Destabilizing Domain Architecture Applied to the Gal4-UAS System in *Drosophila*. *ACS synthetic biology*, 7(6), 1496.

Park S, et al. (2018) Context-dependent expression of a conditionally-inducible form of active Akt. *PLoS one*, 13(6), e0197899.

Tálas A, et al. (2017) A convenient method to pre-screen candidate guide RNAs for CRISPR/Cas9 gene editing by NHEJ-mediated integration of a 'self-cleaving' GFP-expression plasmid. *DNA research : an international journal for rapid publication of reports on genes and genomes*, 24(6), 609.

Sheridan RM, et al. (2016) Selectable one-step PCR-mediated integration of a degron for rapid depletion of endogenous human proteins. *BioTechniques*, 60(2), 69.