

Resource Summary Report

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

pCRIS-PITChv2-dTAG-BSD (BRD4)

RRID:Addgene_91795

Type: Plasmid

Proper Citation

RRID:Addgene_91795

Plasmid Information

URL: <http://www.addgene.org/91795>

Proper Citation: RRID:Addgene_91795

Insert Name: FKBP_F36V-2xHA-P2A-BSD

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:29581585](#)

Vector Backbone Description: Backbone Marker:Takashi Yamamoto lab; Backbone Size:4579; Vector Backbone:pCRIS-PITChv2 (addgene #63672); Vector Types:Mammalian Expression, CRISPR; Bacterial Resistance:Ampicillin

Comments: See: Sakuma, T., Nakade, S., Sakane, Y., Suzuki, K.-I. & Yamamoto, T. MMEJ-assisted gene knock-in using TALENs and CRISPR-Cas9 with the PITCh systems. Nat Protoc 11, 118???133 (2016). for the original backbone and general cloning protocol.

Plasmid Name: pCRIS-PITChv2-dTAG-BSD (BRD4)

Relevant Mutation: Phenylalanine 36 to valine in FKBP12

Record Creation Time: 20220422T222621+0000

Record Last Update: 20260902T050520+0000

Ratings and Alerts

No rating or validation information has been found for pCRIS-PITChv2-dTAG-BSD (BRD4).

No alerts have been found for pCRIS-PITChv2-dTAG-BSD (BRD4).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Tian L, et al. (2026) LENG8 mediates RNA nuclear retention and degradation in eukaryotes. *Molecular cell*, 86(8), 1478.

Niekamp S, et al. (2026) Mutual antagonism between PRC1 condensates and SWI/SNF in chromatin regulation. *Molecular cell*, 86(9), 1673.

Bai J, et al. (2025) Architectural transcription factors collectively shape nuclear radial positioning of chromatin contacts. *Science advances*, 11(35), eadw8040.

Yoon Y, et al. (2025) RBBP6 anchors pre-mRNA 3' end processing to nuclear speckles for efficient gene expression. *Molecular cell*, 85(3), 555.

Liu Y, et al. (2025) Composition and RNA binding specificity of metazoan RNase MRP. *bioRxiv* : the preprint server for biology.

Liu Y, et al. (2025) Reversible proliferative arrest induced by rapid depletion of RNase MRP. *Nature communications*, 16(1), 5342.

Soles LV, et al. (2025) A nuclear RNA degradation code is recognized by PAXT for eukaryotic transcriptome surveillance. *Molecular cell*, 85(8), 1575.

Huang M, et al. (2025) Cell cycle progression of under-replicated cells. *Nucleic acids research*, 53(1).

Roseman SA, et al. (2025) DNA methylation insulates genic regions from CTCF loops near nuclear speckles. *eLife*, 13.

Liu Y, et al. (2025) Composition and RNA binding specificity of metazoan RNase MRP. *Nucleic acids research*, 53(16).

Brand M, et al. (2019) Locus-Specific Knock-In of a Degradable Tag for Target Validation Studies. *Methods in molecular biology* (Clifton, N.J.), 1953, 105.