

Resource Summary Report

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

pCRIS-PITChv2-dTAG-Puro (BRD4)

RRID:Addgene_91796

Type: Plasmid

Proper Citation

RRID:Addgene_91796

Plasmid Information

URL: <http://www.addgene.org/91796>

Proper Citation: RRID:Addgene_91796

Insert Name: FKBP_F36V-2xHA-P2A-Puro

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-Puro (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-Puro (BRD4).

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

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Guin K, et al. (2026) Orderly mitosis shapes interphase genome architecture. *eLife*, 14.

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

Kueckelmann S, et al. (2026) SMG1:SMG8:SMG9-complex integrity supports efficient execution of nonsense-mediated mRNA decay. *Nucleic acids research*, 54(5).

Boehm V, et al. (2025) Rapid UPF1 depletion illuminates the temporal dynamics of the NMD-regulated human transcriptome. *Molecular cell*.

Han Z, et al. (2025) A role for human senataxin in contending with pausing and backtracking during transcript elongation. *Molecular cell*, 85(22), 4166.

Amin R, et al. (2025) NAT10 promotes cancer metastasis by modulating p300/CBP activity through chromatin-associated tRNA. *Molecular cell*, 85(24), 4526.

Russo M, et al. (2024) Acetyl-CoA production by Mediator-bound 2-ketoacid dehydrogenases boosts de novo histone acetylation and is regulated by nitric oxide. *Molecular cell*, 84(5), 967.

Majocha MR, et al. (2024) Resf1 is a compound G4 quadruplex-associated tumor suppressor for triple negative breast cancer. *PLoS genetics*, 20(5), e1011236.

Dong J, et al. (2024) ZNF143 binds DNA and stimulates transcription initiation to activate and repress direct target genes. *bioRxiv : the preprint server for biology*.

Danko C, et al. (2023) Evolution of promoter-proximal pausing enabled a new layer of transcription control. *Research square*.

Xie L, et al. (2022) BRD2 compartmentalizes the accessible genome. *Nature genetics*, 54(4), 481.

Abuhashem A, et al. (2022) Generation of knock-in degron tags for endogenous proteins in mice using the dTAG system. *STAR protocols*, 3(3), 101660.

Abuhashem A, et al. (2022) Rapid and efficient degradation of endogenous proteins in vivo identifies stage-specific roles of RNA Pol II pausing in mammalian development. *Developmental cell*, 57(8), 1068.

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.