

Resource Summary Report

Generated by [kravitz2](#) on Aug 9, 2026

PB CAG-mTagBFP2-T2A-iCreERT2

RRID:Addgene_177308

Type: Plasmid

Proper Citation

RRID:Addgene_177308

Plasmid Information

URL: <http://www.addgene.org/177308>

Proper Citation: RRID:Addgene_177308

Insert Name: mTagBFP2-T2A-iCreERT2

Organism: Synthetic

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Marker:Hyung-song Nam, Capecchi laboratory; Vector Backbone:Custom; Vector Types:Mammalian Expression, Cre/Lox, piggyBac; Bacterial Resistance:Ampicillin

Comments: Optimized T2A sequence: <https://doi.org/10.6084/m9.figshare.13636142.v79>. pCAGGS-mTagBFP2-T2A-iCreERT2 (PAGSAS) (#137864, <https://www.addgene.org/137864/>) was updated with (1) improved Kozak consensus sequence, (2) a slightly different codon usage in the 5' linker of the T2A, (3) a silently mutated XhoI site in iCre was reverted, and (4) four nucleotides were restored to the 5' of the WPRE.

Plasmid Name: PB CAG-mTagBFP2-T2A-iCreERT2

Record Creation Time: 20220422T222023+0000

Record Last Update: 20260808T081312+0000

Ratings and Alerts

No rating or validation information has been found for PB CAG-mTagBFP2-T2A-iCreERT2.

No alerts have been found for PB CAG-mTagBFP2-T2A-iCreERT2.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.