

# Resource Summary Report

Generated by [RRID](#) on Aug 25, 2026

## PB ID1-iCreERT2

RRID:Addgene\_139280

Type: Plasmid

### Proper Citation

RRID:Addgene\_139280

### Plasmid Information

**URL:** <http://www.addgene.org/139280>

**Proper Citation:** RRID:Addgene\_139280

**Insert Name:** ID1

**Organism:** Homo sapiens

**Bacterial Resistance:** Kanamycin

**Vector Backbone Description:** Backbone Marker:Hyung-song Nam, Capecchi laboratory; Vector Backbone:p15A-PB; Vector Types:Mammalian Expression, Cre/Lox; Bacterial Resistance:Kanamycin

**Comments:** Genomic sequence subcloned by recombineering from a clone of RPCI-11 human genomic DNA library. The exact DNA sequence in this plasmid differs somewhat from the reference human genome sequence because the reference sequence is a composite sequence, i.e., the reference ID1 region sequence may not be derived from the RPCI-11 BAC clone utilized for this construct. The ID1 intron was placed after G198, i.e., after about a third of the sequence encoding the active site of the cre protein. See <https://doi.org/10.1073/pnas.2011448117> and <https://doi.org/10.1093%2Fnar%2Fgkq384>. Thus, without splicing, no catalytically active cre protein sequence is expected to be translated from this sequence. Please make sure the plasmid DNA preparation is pure by gel electrophoresis before using.

**Plasmid Name:** PB ID1-iCreERT2

**Relevant Mutation:** Replaced the ID1 protein coding sequence in the two exons with the iCreERT2 cDNA intervened by the endogenous ID1 intron

**Record Creation Time:** 20220422T221805+0000

**Record Last Update:** 20260815T080631+0000

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## Ratings and Alerts

No rating or validation information has been found for PB ID1-iCreERT2.

No alerts have been found for PB ID1-iCreERT2.

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## Data and Source Information

**Source:** [Addgene](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.