

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

Ratings and Alerts

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

No alerts have been found for PB ID1-iCreERT2.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.