

Resource Summary Report

Generated by [dkNET](#) on Sep 7, 2026

Ngn3 Cre-ER (DM#256)

RRID:Addgene_15024

Type: Plasmid

Proper Citation

RRID:Addgene_15024

Plasmid Information

URL: <http://www.addgene.org/15024>

Proper Citation: RRID:Addgene_15024

Insert Name: Ngn3 promoter

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:11973276](#)

Vector Backbone Description: Backbone Size:3000; Vector Backbone:pBluescript II KS; Vector Types:Mammalian Expression, Cre/Lox, mouse transgenic; Bacterial Resistance:Ampicillin

Comments: The CRE-ER(TM) protein requires tamoxifen (TM) to catalyze LoxP site-mediated excision. To generate the Ngn3 constructs, a 7.6 kb fragment containing Ngn3 (pGD15, contains the 6.5 kb upstream region of Ngn3) was isolated using Ngn3 cDNA to screen a mouse RPI-22 BAC library (Genetics Institute, Buffalo, NY). Three primers were used to fuse the Cre-ERTM-coding region to the Ngn3 ATG to generate a fragment that had part of the Ngn3 promoter and the 5' end of the recombinase. The primers used are p73 (5'-acacttgactccttgatcgctg-3'), p71 (5'-gttgcacgaccggtaatgca-3') and p74 (5'-tttcccaaccgcaggatgtccaatttactgaccgtacac-3'). This fragment was subsequently digested with Apal and AgeI and ligated to the KpnI (blunt-ended)-Apal (partial digestion)-digested pGD15, and a 2.4 kb AgeI-SacII (partial digestion, blunt-ended) fragment of pGD35. The insert from the final construct (pGD29) was released by NotI digestion. See Author's Map and article for more information.

Plasmid Name: Ngn3 Cre-ER (DM#256)

Record Creation Time: 20220422T221831+0000

Record Last Update: 20260905T074931+0000

Ratings and Alerts

No rating or validation information has been found for Ngn3 Cre-ER (DM#256).

No alerts have been found for Ngn3 Cre-ER (DM#256).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.