

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

pMB80 (R26-CreER)

RRID:Addgene_12168

Type: Plasmid

Proper Citation

RRID:Addgene_12168

Plasmid Information

URL: <http://www.addgene.org/12168>

Proper Citation: RRID:Addgene_12168

Insert Name: Rosa26 CreER^{T2}

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:17360635](#)

Vector Backbone Description: Backbone Marker:P. Soriano; Backbone Size:0; Vector Backbone:pROSA26-1; Vector Types:Mammalian Expression, Cre/Lox; Bacterial Resistance:Ampicillin

Comments: Targeting vector to generate R26-CreER^{T2} mice. XbaI/MluI SA-CreER^{T2} fragment of pMB61, MluI/XbaI PA-floxed PGK-Puro fragment of pMB75, and XbaI-digested modified version of pROSA26-1 vector where SacII site is replaced by an AscI linearization site. See sequence link for sequence of insert from author. Please note that there are minor errors in the sequence, specifically there are no XbaI sites within the insert. Please see Addgene test digest with XbaI for the expected bands.

Plasmid Name: pMB80 (R26-CreER)

Record Creation Time: 20220422T221636+0000

Record Last Update: 20260725T073645+0000

Ratings and Alerts

No rating or validation information has been found for pMB80 (R26-CreER).

No alerts have been found for pMB80 (R26-CreER).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Sanada Y, et al. (2021) HIF-1 α affects sensitivity of murine squamous cell carcinoma to boron neutron capture therapy with BPA. International journal of radiation biology, 97(10), 1441.

Taniguchi S, et al. (2021) A mechanistic basis for the malignant progression of salivary gland tumors. iScience, 24(12), 103508.

Lin Q, et al. (2020) Generation of a hypoxia-sensing mouse model. Genesis (New York, N.Y. : 2000), 58(3-4), e23352.

Wilson BC, et al. (2020) Intellectual disability-associated factor Zbtb11 cooperates with NRF-2/GABP to control mitochondrial function. Nature communications, 11(1), 5469.

Williams SE, et al. (2014) Par3-mInsc and G α i3 cooperate to promote oriented epidermal cell divisions through LGN. Nature cell biology, 16(8), 758.

Ehmer U, et al. (2014) Organ size control is dominant over Rb family inactivation to restrict proliferation in vivo. Cell reports, 8(2), 371.