

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

pK031.TRE-Cre (Supernova)

RRID:Addgene_69136

Type: Plasmid

Proper Citation

RRID:Addgene_69136

Plasmid Information

URL: <http://www.addgene.org/69136>

Proper Citation: RRID:Addgene_69136

Insert Name: NLS-Cre

Organism: SV40 , P1 phage

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:24685175](#)

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:2546; Vector Backbone:pTRE-tight; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pK031.TRE-Cre (Supernova)

Record Creation Time: 20220422T222429+0000

Record Last Update: 20260725T075040+0000

Ratings and Alerts

No rating or validation information has been found for pK031.TRE-Cre (Supernova).

No alerts have been found for pK031.TRE-Cre (Supernova).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Sudarsanam S, et al. (2025) Mef2c Controls Postnatal Callosal Axon Targeting by Regulating Sensitivity to Ephrin Repulsion. The Journal of neuroscience : the official journal of the Society for Neuroscience, 45(21).

Sudarsanam S, et al. (2025) Mef2c Controls Postnatal Callosal Axon Targeting by Regulating Sensitivity to Ephrin Repulsion. bioRxiv : the preprint server for biology.

Verpoort B, et al. (2025) A postsynaptic GPR158-PLCXD2 complex controls spine apparatus abundance and dendritic spine maturation. Developmental cell.

Nihashi A, et al. (2025) Inducible NMDA receptor knockdown reveals a maintenance phase in dendritic refinement of barrel cortex neurons. iScience, 28(8), 113229.

Nakagawa N, et al. (2023) Golgi polarity shift instructs dendritic refinement in the neonatal cortex by mediating NMDA receptor signaling. Cell reports, 42(8), 112843.

Kohno T, et al. (2020) Reelin-Nrp1 Interaction Regulates Neocortical Dendrite Development in a Context-Specific Manner. The Journal of neuroscience : the official journal of the Society for Neuroscience, 40(43), 8248.

Chen Y, et al. (2020) Wdr47 Controls Neuronal Polarization through the Camsap Family Microtubule Minus-End-Binding Proteins. Cell reports, 31(3), 107526.

Holley ZL, et al. (2018) Cross-Regional Gradient of Dendritic Morphology in Isochronically-Sourced Mouse Supragranular Pyramidal Neurons. Frontiers in neuroanatomy, 12, 103.