

Resource Summary Report

Generated by [NIF](#) on Sep 21, 2026

piggyBac-rtTA (4th_Gen)-NGN2-2A-PURO-IRES-SNAP (VK_1018)

RRID:Addgene_209077

Type: Plasmid

Proper Citation

RRID:Addgene_209077

Plasmid Information

URL: <http://www.addgene.org/209077>

Proper Citation: RRID:Addgene_209077

Insert Name: NGN2

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:35688132](#)

Vector Backbone Description: Vector Backbone:piggyBac-rtTA (4th_Gen); Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: VK_1018

Plasmid Name: piggyBac-rtTA (4th_Gen)-NGN2-2A-PURO-IRES-SNAP (VK_1018)

Record Creation Time: 20231207T080506+0000

Record Last Update: 20260919T093211+0000

Ratings and Alerts

No rating or validation information has been found for piggyBac-rtTA (4th_Gen)-NGN2-2A-PURO-IRES-SNAP (VK_1018).

No alerts have been found for piggyBac-rtTA (4th_Gen)-NGN2-2A-PURO-IRES-SNAP (VK_1018).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Coccia E, et al. (2026) ATP13A2 Loss of Function-Driven Polyamine Dysregulation Induces SAM Depletion and Epigenetic Astrocyte Toxicity. bioRxiv : the preprint server for biology.

Schuldt BR, et al. (2025) APOE4 promotes cerebrovascular fibrosis and amyloid deposition via a pericyte-to-myofibroblast transition. bioRxiv : the preprint server for biology.

Mesentier-Louro LA, et al. (2025) Cholesterol-mediated Lysosomal Dysfunction in APOE4 Astrocytes Promotes ??-Synuclein Pathology in Human Brain Tissue. bioRxiv : the preprint server for biology.