

Resource Summary Report

Generated by [ASWG](#) on Aug 9, 2026

Tg(Nes-cre)1Atp; Pten^{tm1Hwu}/Pten^{tm1Hwu}

RRID:MGI:4829794

Type: Organism

Proper Citation

RRID:MGI:4829794

Organism Information

URL:

Proper Citation: RRID:MGI:4829794

Description: Allele Detail: Transgenic, Targeted This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Transgenic, Targeted This is a legacy resource.

Phenotype: increased neuronal precursor cell number, eyelids open at birth, abnormal hippocampus layer morphology, abnormal cortical ventricular zone morphology, abnormal cerebellum morphology, neonatal lethality, complete penetrance, megacephaly, abnormal brain morphology, abnormal brainstem morphology, increased brain weight, increased brain size, absent cerebellar foliation

Affected Gene: Pten

Genomic Alteration: tm1Hwu, Tg(Nes-cre)1Atp

Catalog Number: 4829794

Background: involves: 129S4/SvJae * FVB/N

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:11691952](#)

Organism Name: Tg(Nes-cre)1Atp; Pten^{tm1Hwu}/Pten^{tm1Hwu}

Record Creation Time: 20240120T190247+0000

Record Last Update: 20240130T201815+0000

Ratings and Alerts

No rating or validation information has been found for Tg(Nes-cre)1Atp; Pten^{tm1Hwu}/Pten^{tm1Hwu}.

No alerts have been found for Tg(Nes-cre)1Atp; Pten^{tm1Hwu}/Pten^{tm1Hwu}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.