

# Resource Summary Report

Generated by [ASWG](#) on Aug 11, 2026

## Tg(Nes-cre)1Atp; Pten<sup>tm1Hwu</sup>/Pten<sup>tm1Hwu</sup>

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<sup>tm1Hwu</sup>/Pten<sup>tm1Hwu</sup>

**Record Creation Time:** 20240120T190247+0000

**Record Last Update:** 20240130T201815+0000

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## Ratings and Alerts

No rating or validation information has been found for Tg(Nes-cre)1Atp; Pten<sup>tm1Hwu</sup>/Pten<sup>tm1Hwu</sup>.

No alerts have been found for Tg(Nes-cre)1Atp; Pten<sup>tm1Hwu</sup>/Pten<sup>tm1Hwu</sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.