

Resource Summary Report

Generated by [NIF](#) on Aug 13, 2026

[Tg\(Nes-cre\)1Kln; Macf1^{tm2.1Liem}/Macf1^{tm2.2Liem}](#)

RRID:MGI:4831040

Type: Organism

Proper Citation

RRID:MGI:4831040

Organism Information

URL:

Proper Citation: RRID:MGI:4831040

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

Species: Mus musculus

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

Phenotype: small lateral ventricles, respiratory distress, abnormal cerebral cortex morphology, nervous system phenotype, neonatal lethality, complete penetrance, cyanosis, abnormal dentate gyrus morphology, abnormal neuronal migration, thin cerebral cortex, abnormal stratification in cerebral cortex, abnormal hippocampal commissure morphology, abnormal cerebral hemisphere morphology, abnormal brain morphology, abnormal anterior commissure morphology, abnormal hippocampus pyramidal cell layer, abnormal lateral ventricle morphology, ectopic hippocampus pyramidal cells

Affected Gene: Tg(Nes-cre)1Kln, Macf1

Genomic Alteration: tm2.1Liem, Tg(Nes-cre)1Kln, tm2.2Liem

Catalog Number: 4831040

Background: involves: 129S6/SvEvTac * C57BL/6 * FVB/N * SJL

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:20170731](#)

Organism Name: Tg(Nes-cre)1Kln; Macf1^{tm2.1Liem}/Macf1^{tm2.2Liem}

Record Creation Time: 20240120T190245+0000

Record Last Update: 20240130T201814+0000

Ratings and Alerts

No rating or validation information has been found for Tg(Nes-cre)1Kln; Macf1^{tm2.1Liem}/Macf1^{tm2.2Liem}.

No alerts have been found for Tg(Nes-cre)1Kln; Macf1^{tm2.1Liem}/Macf1^{tm2.2Liem}.

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.