

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.org) on May 1, 2025

[Crk^{tm1Cur}/Crk^{tm1Cur}; Tg\(Nes-cre\)1Kln; Crkl^{tm1Cur}/Crkl^{tm1Cur}](#)

RRID:MGI:3830069

Type: Organism

Proper Citation

RRID:MGI:3830069

Organism Information

URL:

Proper Citation: RRID:MGI:3830069

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

Species: Mus musculus

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

Phenotype: ectopic cerebellar granule cells, abnormal Purkinje cell dendrite morphology, abnormal cerebellum development, abnormal cerebral cortex morphology, small cerebellum, postnatal lethality, postnatal growth retardation, abnormal dentate gyrus morphology, decreased body weight, abnormal cortical plate morphology, abnormal cerebellar foliation, abnormal cerebral cortex pyramidal cell morphology, abnormal hippocampus pyramidal cell layer, abnormal hippocampus morphology, thin cerebellar molecular layer

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

Genomic Alteration: Tg(Nes-cre)1Kln, tm1Cur

Catalog Number: 3830069

Background: involves: 129S/SvEv * C57BL/6 * SJL

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:19074029](#)

Organism Name: Crk^{tm1Cur}/Crk^{tm1Cur}; Tg(Nes-cre)1Kln; Crkl^{tm1Cur}/Crkl^{tm1Cur}

Record Creation Time: 20240120T190359+0000

Record Last Update: 20240130T201856+0000

Ratings and Alerts

No rating or validation information has been found for Crk^{tm1Cur}/Crk^{tm1Cur}; Tg(Nes-cre)1Kln; Crkl^{tm1Cur}/Crkl^{tm1Cur}.

No alerts have been found for Crk^{tm1Cur}/Crk^{tm1Cur}; Tg(Nes-cre)1Kln; Crkl^{tm1Cur}/Crkl^{tm1Cur}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Collins TN, et al. (2018) Crk proteins transduce FGF signaling to promote lens fiber cell elongation. eLife, 7.