

Resource Summary Report

Generated by [dkNET](#) on Aug 30, 2026

[Txnrd1^{tm1Marc}/Txnrd1^{tm1Marc}; Tg\(Nes-cre\)1Kln](#)

RRID:MGI:3778634

Type: Organism

Proper Citation

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Organism Information

URL:

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

Species: Mus musculus

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

Phenotype: thin external granule cell layer, reproductive system phenotype, nervous system phenotype, impaired coordination, cerebellum hypoplasia, abnormal cerebellum morphology, tremors, ectopic Purkinje cell, decreased body size, abnormal cerebellar cortex morphology, slow postnatal weight gain, abnormal cerebellar lobule formation, abnormal astrocyte morphology, abnormal Purkinje cell dendrite morphology, impaired balance, abnormal cerebellum development, abnormal gait, abnormal glial cell morphology, ataxia

Affected Gene: Txnrd1, Tg(Nes-cre)1Kln

Genomic Alteration: tm1Marc, Tg(Nes-cre)1Kln

Catalog Number: 3778634

Background: involves: 129P2/OlaHsd * C57BL/6 * SJL

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:18350150](#)

Organism Name: Txnrd1^{tm1Marc}/Txnrd1^{tm1Marc}; Tg(Nes-cre)1Kln

Record Creation Time: 20240120T190442+0000

Record Last Update: 20240130T202015+0000

Ratings and Alerts

No rating or validation information has been found for Txnrd1^{tm1Marc}/Txnrd1^{tm1Marc}; Tg(Nes-cre)1Kln.

No alerts have been found for Txnrd1^{tm1Marc}/Txnrd1^{tm1Marc}; Tg(Nes-cre)1Kln.

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.