

Resource Summary Report

Generated by [dkNET](#) on Sep 5, 2026

[Emx1^{tm1\(cre\)lto}/Emx1⁺](#); [Rac1^{tm1Atai}/Rac1^{tm1Jms}](#)

RRID:MGI:3814361

Type: Organism

Proper Citation

RRID:MGI:3814361

Organism Information

URL:

Proper Citation: RRID:MGI:3814361

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

Species: Mus musculus

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

Phenotype: abnormal brain commissure morphology, small hippocampus, decreased hippocampal commissure size, abnormal corpus callosum morphology, abnormal hippocampus pyramidal cell layer, decreased survivor rate, abnormal telencephalon morphology, abnormal dentate gyrus morphology, abnormal barrel cortex morphology, decreased anterior commissure size, postnatal lethality, incomplete penetrance

Affected Gene: Rac1, Emx1

Genomic Alteration: tm1Atai, tm1(cre)lto, tm1Jms

Catalog Number: 3814361

Background: involves: 129P2/OlaHsd * 129S/SvEv * C57BL/6 * ICR

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:18702697](#)

Organism Name: Emx1^{tm1(cre)lto}/Emx1⁺; Rac1^{tm1Atai}/Rac1^{tm1Jms}

Record Creation Time: 20240120T190411+0000

Record Last Update: 20240130T201903+0000

Ratings and Alerts

No rating or validation information has been found for $\text{Emx1}^{\text{tm1}(\text{cre})\text{It0}}/\text{Emx1}^+$; $\text{Rac1}^{\text{tm1Atai}}/\text{Rac1}^{\text{tm1Jms}}$.

No alerts have been found for $\text{Emx1}^{\text{tm1}(\text{cre})\text{It0}}/\text{Emx1}^+$; $\text{Rac1}^{\text{tm1Atai}}/\text{Rac1}^{\text{tm1Jms}}$.

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.