

Resource Summary Report

Generated by [Kravitz](#) on Sep 19, 2026

[Map2k1](#)[Gt\(ROSABetageo\)J2Chrn](#)/[Map2k1](#)[Gt\(ROSABetageo\)J2Chrn](#)

RRID:MGI:3580657

Type: Organism

Proper Citation

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Organism Information

URL:

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Description: Allele Detail: Gene trapped This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Gene trapped This is a legacy resource.

Phenotype: embryonic lethality during organogenesis, incomplete penetrance, abnormal cell migration, pale yolk sac, abnormal spongiotrophoblast layer morphology, abnormal placenta labyrinth morphology, abnormal vascular endothelial cell migration, abnormal angiogenesis, decreased embryo size, abnormal placental labyrinth vasculature morphology, embryo tissue necrosis

Affected Gene: Map2k1

Genomic Alteration: Gt(ROSABetageo)J2Chrn

Catalog Number: 3580657

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

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:10209122](#)

Organism Name: Map2k1^{Gt(ROSA^{Betageo})J2Chrn}/Map2k1^{Gt(ROSA^{Betageo})J2Chrn}

Record Creation Time: 20240120T190630+0000

Record Last Update: 20240130T202022+0000

Ratings and Alerts

No rating or validation information has been found for Map2k1^{Gt(ROSA^{Betageo})J2Chrn}/Map2k1^{Gt(ROSA^{Betageo})J2Chrn}.

No alerts have been found for Map2k1^{Gt(ROSA^{Betageo})J2Chrn}/Map2k1^{Gt(ROSA^{Betageo})J2Chrn}.

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.