

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

[Gt\(ROSA\)26Sor^{tm1}\(ACTB-Map2k5*/EGFP\)Zxi](#)
[/Gt\(ROSA\)26Sor^{tm1}\(ACTB-Map2k5*/EGFP\)Zxi; Tg\(Nes-cre/Esr1*\)4Ynj](#)

RRID:MGI:5605719

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:5605719

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

Species: Mus musculus

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

Phenotype: enhanced spatial learning, abnormal spatial reference memory, abnormal long term object recognition memory, abnormal neuron physiology, abnormal dentate gyrus morphology, abnormal long term spatial reference memory

Affected Gene: Gt(ROSA)26Sor

Genomic Alteration: Tg(Nes-cre/Esr1*)4Ynj, tm1(ACTB-Map2k5*/EGFP)Zxi

Catalog Number: 5605719

Background: involves: 129S6/SvEvTac * C57BL/6NCr

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:24501354](#)

Organism Name: Gt(ROSA)26Sor^{tm1}(ACTB-Map2k5*/EGFP)Zxi/Gt(ROSA)26Sor^{tm1}(ACTB-Map2k5*/EGFP)Zxi; Tg(Nes-cre/Esr1*)4Ynj

Record Creation Time: 20240120T190038+0000

Record Last Update: 20240130T201701+0000

Ratings and Alerts

No rating or validation information has been found for Gt(ROSA)26Sor^{tm1}(ACTB-Map2k5*/EGFP)Zxi/Gt(ROSA)26Sor^{tm1}(ACTB-Map2k5*/EGFP)Zxi; Tg(Nes-cre/Esr1*)4Ynj.

No alerts have been found for Gt(ROSA)26Sor^{tm1}(ACTB-Map2k5*/EGFP)Zxi/Gt(ROSA)26Sor^{tm1}(ACTB-Map2k5*/EGFP)Zxi; Tg(Nes-cre/Esr1*)4Ynj.

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.