

Resource Summary Report

Generated by [kravitz2](#) on Aug 23, 2026

[Tg\(Nes-cre/Esr1*\)4Ynj; Gt\(ROSA\)26Sor^{tm1}\(ACTB-Map2k5*/EGFP\)Zxi/Gt\(ROSA\)26Sor^{tm14}\(CAG-tdTomato\)Hze](#)

RRID:MGI:5605720

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: abnormal dendritic spine morphology, abnormal dentate gyrus morphology, nervous system phenotype, abnormal dendrite morphology

Affected Gene: Gt(ROSA)26Sor

Genomic Alteration: Tg(Nes-cre/Esr1*)4Ynj, tm1(ACTB-Map2k5*/EGFP)Zxi, tm14(CAG-tdTomato)Hze

Catalog Number: 5605720

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: Tg(Nes-cre/Esr1*)4Ynj; Gt(ROSA)26Sor^{tm1}(ACTB-Map2k5*/EGFP)Zxi/Gt(ROSA)26Sor^{tm14}(CAG-tdTomato)Hze

Record Creation Time: 20240120T190038+0000

Record Last Update: 20240130T201701+0000

Ratings and Alerts

No rating or validation information has been found for Tg(Nes-cre/Esr1*)4Ynj; Gt(ROSA)26Sor^{tm1}(ACTB-Map2k5*/EGFP)Zxi/Gt(ROSA)26Sor^{tm14}(CAG-tdTomato)Hze.

No alerts have been found for Tg(Nes-cre/Esr1*)4Ynj; Gt(ROSA)26Sor^{tm1}(ACTB-Map2k5*/EGFP)Zxi/Gt(ROSA)26Sor^{tm14}(CAG-tdTomato)Hze.

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.