

Resource Summary Report

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

[H2afv](#)[Tg\(Wnt1-cre\)11Rth](#); [Gt\(ROSA\)26Sor^{tm1Sor}](#)
[/Gt\(ROSA\)26Sor⁺](#); [Isl1^{tm2Sev}](#)/[Isl1^{tm2Sev}](#)

RRID:MGI:3817490

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:3817490

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

Species: Mus musculus

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

Phenotype: neonatal lethality, complete penetrance, dorsal root ganglion hypoplasia, abnormal dorsal root ganglion morphology, decreased chemical nociceptive threshold, abnormal sensory neuron innervation pattern, abnormal trigeminal ganglion morphology

Affected Gene: H2afv, Isl1, Gt(ROSA)26Sor

Genomic Alteration: tm1Sor, Tg(Wnt1-cre)11Rth, tm2Sev

Catalog Number: 3817490

Background: involves: 129S1/Sv * 129X1/SvJ * C57BL/6 * CBA

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:18849985](#)

Organism Name: H2afv^{Tg(Wnt1-cre)11Rth}; Gt(ROSA)26Sor^{tm1Sor}/Gt(ROSA)26Sor⁺; Isl1^{tm2Sev}/Isl1^{tm2Sev}

Record Creation Time: 20240120T190408+0000

Record Last Update: 20240130T201926+0000

Ratings and Alerts

No rating or validation information has been found for H2afv^{Tg(Wnt1-cre)11Rth}; Gt(ROSA)26Sor^{tm1Sor}/Gt(ROSA)26Sor⁺; Isl1^{tm2Sev}/Isl1^{tm2Sev}.

No alerts have been found for H2afv^{Tg(Wnt1-cre)11Rth}; Gt(ROSA)26Sor^{tm1Sor}/Gt(ROSA)26Sor⁺; Isl1^{tm2Sev}/Isl1^{tm2Sev}.

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.