

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 3, 2026

[Tg\(COL2A1-cre\)1Wag; Jun^{tm4Wag}/Jun^{tm4Wag}](#)

RRID:MGI:2451284

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:2451284

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

Species: Mus musculus

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

Phenotype: scoliosis, abnormal thoracic cage morphology

Affected Gene: Jun

Genomic Alteration: tm4Wag, Tg(COL2A1-cre)1Wag

Catalog Number: 2451284

Background: involves: 129P2/OlaHsd * C57BL/6 * CBA

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12441295](#)

Organism Name: Tg(COL2A1-cre)1Wag; Jun^{tm4Wag}/Jun^{tm4Wag}

Record Creation Time: 20240120T190744+0000

Record Last Update: 20240130T202105+0000

Ratings and Alerts

No rating or validation information has been found for Tg(COL2A1-cre)1Wag; Jun^{tm4Wag}/Jun^{tm4Wag}.

No alerts have been found for Tg(COL2A1-cre)1Wag; Jun^{tm4Wag}/Jun^{tm4Wag}.

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.