

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 12, 2026

Tg(Col2a1-cre/ERT2)1Dic; Tgfbr1^{tm1.1Karl}/Tgfbr1^{tm1.1Karl}

RRID:MGI:6306137

Type: Organism

Proper Citation

RRID:MGI:6306137

Organism Information

URL:

Proper Citation: RRID:MGI:6306137

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

Species: Mus musculus

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

Phenotype: osteophytes, abnormal articular cartilage morphology, osteoarthritis, abnormal synovial joint morphology, increased chondrocyte apoptosis

Affected Gene: Tgfbr1

Genomic Alteration: tm1.1Karl, Tg(Col2a1-cre/ERT2)1Dic

Catalog Number: 6306137

Background: involves: 129 * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:28716756](#)

Organism Name: Tg(Col2a1-cre/ERT2)1Dic; Tgfbr1^{tm1.1Karl}/Tgfbr1^{tm1.1Karl}

Record Creation Time: 20240120T185726+0000

Record Last Update: 20240130T201504+0000

Ratings and Alerts

No rating or validation information has been found for Tg(Col2a1-cre/ERT2)¹Dic; Tgfbr1^{tm1.1Karl}/Tgfbr1^{tm1.1Karl}.

No alerts have been found for Tg(Col2a1-cre/ERT2)¹Dic; Tgfbr1^{tm1.1Karl}/Tgfbr1^{tm1.1Karl}.

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.