

Resource Summary Report

Generated by [NIF](#) on Sep 2, 2026

[Itga7^{tm1Umr}/Itga7^{tm1Umr}; Sgcg^{tm1Mcn}/Sgcg^{tm1Mcn}](#)

RRID:MGI:3583814

Type: Organism

Proper Citation

RRID:MGI:3583814

Organism Information

URL:

Proper Citation: RRID:MGI:3583814

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

Species: Mus musculus

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

Phenotype: decreased grooming behavior, lethality at weaning, complete penetrance, abnormal gait, kyphoscoliosis, increased apoptosis, abnormal cell physiology, postnatal growth retardation, muscle degeneration, abnormal stationary movement

Affected Gene: Itga7, Sgcg

Genomic Alteration: tm1Umr, tm1Mcn

Catalog Number: 3583814

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

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:15252120](#)

Organism Name: Itga7^{tm1Umr}/Itga7^{tm1Umr}; Sgcg^{tm1Mcn}/Sgcg^{tm1Mcn}

Record Creation Time: 20240120T190625+0000

Record Last Update: 20240130T202020+0000

Ratings and Alerts

No rating or validation information has been found for Itga7^{tm1Umr}/Itga7^{tm1Umr}; Sgcg^{tm1Mcn}/Sgcg^{tm1Mcn}.

No alerts have been found for Itga7^{tm1Umr}/Itga7^{tm1Umr}; Sgcg^{tm1Mcn}/Sgcg^{tm1Mcn}.

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.