

Resource Summary Report

Generated by [NIF](#) on Sep 13, 2026

[Itga8^{tm1Lfr}/Itga8⁺](#); [Itga3^{tm1Jak}/Itga3⁺](#); [Itga5^{tm1Hyn}/Itga5⁺](#)

RRID:MGI:3583667

Type: Organism

Proper Citation

RRID:MGI:3583667

Organism Information

URL:

Proper Citation: RRID:MGI:3583667

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

Species: Mus musculus

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

Phenotype: abnormal spatial learning, reduced long term potentiation

Affected Gene: Itga3, Itga8, Itga5

Genomic Alteration: tm1Lfr, tm1Jak, tm1Hyn

Catalog Number: 3583667

Background: involves: 129S2/SvPas * 129S4/SvJae * 129X1/SvJ * C57BL/6J

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12904471](#)

Organism Name: Itga8^{tm1Lfr}/Itga8⁺; Itga3^{tm1Jak}/Itga3⁺; Itga5^{tm1Hyn}/Itga5⁺

Record Creation Time: 20240120T190625+0000

Record Last Update: 20240130T202020+0000

Ratings and Alerts

No rating or validation information has been found for Itga8^{tm1Lfr}/Itga8⁺; Itga3^{tm1Jak}/Itga3⁺; Itga5^{tm1Hyn}/Itga5⁺.

No alerts have been found for Itga8^{tm1Lfr}/Itga8⁺; Itga3^{tm1Jak}/Itga3⁺; Itga5^{tm1Hyn}/Itga5⁺.

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.