

Resource Summary Report

Generated by [NIF](#) on Sep 18, 2026

[Igh-J^{tm2.1\(4E10\)}Lave/Igh-J^{tm2.1\(4E10\)}Lave](#)

RRID:MGI:5550249

Type: Organism

Proper Citation

RRID:MGI:5550249

Organism Information

URL:

Proper Citation: RRID:MGI:5550249

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

Species: Mus musculus

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

Phenotype: arrested B cell differentiation, decreased IgM level, decreased IgG3 level, decreased IgG2b level, decreased IgG1 level, decreased IgG level, decreased B-1a cell number

Affected Gene: Igh-J

Genomic Alteration: tm2.1(4E10)Lave

Catalog Number: 5550249

Background: involves: C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:23825311](#)

Organism Name: Igh-J^{tm2.1(4E10)}Lave/Igh-J^{tm2.1(4E10)}Lave

Record Creation Time: 20240120T190055+0000

Record Last Update: 20240130T201711+0000

Ratings and Alerts

No rating or validation information has been found for Igh-J^{tm2.1(4E10)}Lave/Igh-J^{tm2.1(4E10)}Lave.

No alerts have been found for Igh-J^{tm2.1(4E10)}Lave/Igh-J^{tm2.1(4E10)}Lave.

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.