

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 2, 2026

[Vav2^{tm1Kdf}/Vav2^{tm1Kdf}](#); [Vav1^{tm1Tyb}/Vav1^{tm1Tyb}](#);
[Vav3^{tm1Swat}/Vav3^{tm1Swat}](#)

RRID:MGI:2683655

Type: Organism

Proper Citation

RRID:MGI:2683655

Organism Information

URL:

Proper Citation: RRID:MGI:2683655

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

Species: Mus musculus

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

Phenotype: abnormal T cell physiology, decreased IgG1 level, decreased interferon-gamma secretion, arrested B cell differentiation, decreased transitional stage T2 B cell number, increased immature B cell number, decreased double-positive T cell number, decreased follicular B cell number, decreased immunoglobulin level, impaired wound healing, decreased marginal zone B cell number, abnormal enterocyte morphology, abnormal B cell physiology, intestinal ulcer, decreased IgM level, decreased IgG3 level, decreased B cell proliferation, decreased IgG2b level, decreased interleukin-2 secretion, decreased T cell proliferation, increased transitional stage T1 B cell number, decreased mature B cell number, decreased T cell number, abnormal humoral immune response, decreased single-positive T cell number, decreased thymocyte number, arrested T cell differentiation

Affected Gene: Vav1, Vav3, Vav2

Genomic Alteration: tm1Swat, tm1Tyb, tm1Kdf

Catalog Number: 2683655

Background: involves: 129S1/Sv * 129S2/SvPas * 129S6/SvEvTac * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:14623913](#), [PMID:19139088](#)

Organism Name: Vav2^{tm1Kdf}/Vav2^{tm1Kdf}; Vav1^{tm1Tyb}/Vav1^{tm1Tyb}; Vav3^{tm1Swat}/Vav3^{tm1Swat}

Record Creation Time: 20240120T190717+0000

Record Last Update: 20240130T202049+0000

Ratings and Alerts

No rating or validation information has been found for Vav2^{tm1Kdf}/Vav2^{tm1Kdf}; Vav1^{tm1Tyb}/Vav1^{tm1Tyb}; Vav3^{tm1Swat}/Vav3^{tm1Swat}.

No alerts have been found for Vav2^{tm1Kdf}/Vav2^{tm1Kdf}; Vav1^{tm1Tyb}/Vav1^{tm1Tyb}; Vav3^{tm1Swat}/Vav3^{tm1Swat}.

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.