

Resource Summary Report

Generated by [NIF](#) on Aug 3, 2026

[Lck^{tm1Mak}/Lck^{tm1Mak}; Tg\(Lck-Fyn*Y528F\)5525Cjg; Rag1^{tm1Mom}/Rag1⁺](#)

RRID:MGI:4360345

Type: Organism

Proper Citation

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Organism Information

URL:

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

Species: Mus musculus

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

Phenotype: abnormal T cell differentiation, decreased T cell number

Affected Gene: Rag1, Lck

Genomic Alteration: tm1Mom, tm1Mak, Tg(Lck-Fyn*Y528F)5525Cjg

Catalog Number: 4360345

Background: involves: 129S2/SvPas * 129S7/SvEvBrd * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:8934569](#)

Organism Name: Lck^{tm1Mak}/Lck^{tm1Mak}; Tg(Lck-Fyn*Y528F)5525Cjg; Rag1^{tm1Mom}/Rag1⁺

Record Creation Time: 20240120T190323+0000

Record Last Update: 20240130T201834+0000

Ratings and Alerts

No rating or validation information has been found for Lck^{tm1Mak}/Lck^{tm1Mak}; Tg(Lck-Fyn*Y528F)5525Cjg; Rag1^{tm1Mom}/Rag1⁺.

No alerts have been found for Lck^{tm1Mak}/Lck^{tm1Mak}; Tg(Lck-Fyn*Y528F)5525Cjg; Rag1^{tm1Mom}/Rag1⁺.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Tsun A, et al. (2011) Centrosome docking at the immunological synapse is controlled by Lck signaling. The Journal of cell biology, 192(4), 663.