

Resource Summary Report

Generated by [RRID](#) on Jul 28, 2026

[Prkcq^{tm1Litt}/Prkcq^{tm1Litt}](#)

RRID:MGI:4843396

Type: Organism

Proper Citation

RRID:MGI:4843396

Organism Information

URL:

Proper Citation: RRID:MGI:4843396

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

Species: Mus musculus

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

Phenotype: decreased CD4-positive, alpha beta T cell number, decreased CD8-positive, alpha-beta T cell number, decreased NK T cell number, increased T cell apoptosis, immune system phenotype, increased insulin sensitivity, abnormal glucose homeostasis, abnormal muscle cell glucose uptake, abnormal adipocyte glucose uptake, decreased DN1 thymic pro-T cell number, abnormal effector T cell morphology, decreased T cell proliferation, abnormal positive T cell selection

Affected Gene: Prkcq

Genomic Alteration: tm1Litt

Catalog Number: 4843396

Background: involves: 129P2/OlaHsd * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:22155788](#), [PMID:18842300](#), [PMID:15372106](#)

Organism Name: Prkcq^{tm1Litt}/Prkcq^{tm1Litt}

Record Creation Time: 20240120T190238+0000

Record Last Update: 20240130T201812+0000

Ratings and Alerts

No rating or validation information has been found for Prkcq^{tm1Litt}/Prkcq^{tm1Litt}.

No alerts have been found for Prkcq^{tm1Litt}/Prkcq^{tm1Litt}.

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.