

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 5, 2026

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

RRID:MGI:4843311

Type: Organism

Proper Citation

RRID:MGI:4843311

Organism Information

URL:

Proper Citation: RRID:MGI:4843311

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

Species: Mus musculus

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

Phenotype: abnormal T-helper 1 cell differentiation, decreased interleukin-4 secretion, decreased interleukin-5 secretion, decreased physiological sensitivity to xenobiotic, immune system phenotype, abnormal endplate potential, decreased interleukin-13 secretion, decreased interferon-gamma secretion, decreased airway responsiveness, decreased interleukin-4 secretion, decreased interleukin-17 secretion, decreased T cell proliferation, abnormal nervous system development, abnormal neuromuscular synapse morphology, abnormal T-helper 2 physiology, decreased splenocyte proliferation, decreased interferon-gamma secretion, retinal degeneration, decreased susceptibility to experimental autoimmune encephalomyelitis, retinal detachment, abnormal ocular fundus morphology, decreased eye pigmentation, decreased interleukin-2 secretion, abnormal CD4-positive, alpha-beta T cell physiology, decreased interleukin-2 secretion

Affected Gene: Prkcq

Genomic Alteration: tm1Litt

Catalog Number: 4843311

Background: B6.129P2-Prkcq

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:15084656](#), [PMID:16493044](#), [PMID:26978024](#), [PMID:15528385](#)

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

Record Creation Time: 20240120T190238+0000

Record Last Update: 20240130T201811+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.