

Resource Summary Report

Generated by [NIF](#) on Aug 15, 2026



RRID:MGI:2181617

Type: Organism

Proper Citation

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Organism Information

URL:

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

Species: Mus musculus

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

Phenotype: hypoglycemia, abnormal bone structure, uterus atrophy, infertility, decreased subcutaneous adipose tissue amount, premature death, absent mature ovarian follicles, decreased somatotroph secretory granule number, abnormal adenohipophysis morphology, decreased insulin secretion, thin epidermis, premature aging, arteriosclerosis, postnatal growth retardation, decreased somatotroph cell size, thymus atrophy, kyphosis, abnormal gonadotroph morphology, calcified pulmonary alveolus, calcinosis, calcified muscle, osteoporosis, hypoactivity, abnormal blood circulation, decreased bone mineral density, decreased Purkinje cell number, decreased compact bone thickness, calcified skin, decreased osteoclast cell number, decreased hair follicle number, sparse hair, abnormal gametogenesis, abnormal seminiferous tubule morphology, external male genitalia atrophy, arrest of male meiosis, azoospermia, short stride length, Purkinje cell degeneration, vulva atrophy, increased circulating calcium level, ovary atrophy, abnormal bone ossification, emphysema, abnormal leukocyte cell number, abnormal circulating mineral level, abnormal skin condition, calcified artery, testicular atrophy

Affected Gene: Kl

Genomic Alteration: kl

Catalog Number: 2181617

Background: either: C.Cg-Kl or (involves: C3H/HeJ * C57BL/6J)

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:9363890](#)

Organism Name: K^{kl}/K^{kl}

Record Creation Time: 20240120T190749+0000

Record Last Update: 20240130T202108+0000

Ratings and Alerts

No rating or validation information has been found for K^{kl}/K^{kl}.

No alerts have been found for K^{kl}/K^{kl}.

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](#) .

Watanabe M, et al. (2017) Type XVII collagen coordinates proliferation in the interfollicular epidermis. eLife, 6.