

Resource Summary Report

Generated by [T1D](#) on Sep 19, 2026



RRID:MGI:3653640

Type: Organism

Proper Citation

RRID:MGI:3653640

Organism Information

URL:

Proper Citation: RRID:MGI:3653640

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

Species: Mus musculus

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

Phenotype: increased sensitivity to induced morbidity/mortality, abnormal sinoatrial node conduction, abnormal cardiovascular system physiology, abnormal liver physiology, decreased brown fat cell lipid droplet size, abnormal pancreatic beta cell morphology, emphysema, dilated pulmonary alveolar ducts, abnormal osteoclast morphology, decreased osteoblast cell number, decreased compact bone thickness, abnormal bone ossification, abnormal osteoblast morphology, decreased bone mineral density, abnormal bone mineral density, abnormal trabecular bone morphology, abnormal osteoblast physiology, decreased body length, abnormal lung morphology, calcified mitral valve, abnormal respiratory mechanics, abnormal pulmonary alveolus morphology, decreased tidal volume, abnormal pulmonary interalveolar septum morphology, increased lung compliance, increased circulating noradrenaline level, abnormal heart valve morphology, decreased body temperature, increased insulin sensitivity, abnormal glucose homeostasis, small pancreatic islets, hypoglycemia, increased brown adipose tissue amount, decreased circulating insulin level, prolonged RR interval, decreased heart rate, decreased white adipose tissue amount, calcified aortic valve, postnatal growth retardation, decreased liver weight, improved glucose tolerance, arteriosclerosis

Affected Gene: K1

Genomic Alteration: k1

Catalog Number: 3653640

Background: involves: C3H/J * C57BL/6J

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:15037532](#), [PMID:11095966](#), [PMID:10615062](#), [PMID:10430604](#)

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

Record Creation Time: 20240120T190549+0000

Record Last Update: 20240130T201958+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 have not found any literature mentions for this resource.