

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 7, 2026

[Bglap/Bglap2^{tm1Kry}/Bglap/Bglap2^{tm1Kry}](#)

RRID:MGI:3763090

Type: Organism

Proper Citation

RRID:MGI:3763090

Organism Information

URL:

Proper Citation: RRID:MGI:3763090

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

Species: Mus musculus

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

Phenotype: decreased testis weight, decreased insulin secretion, decreased energy expenditure, decreased seminal vesicle weight, decreased epididymis weight, decreased circulating testosterone level, increased circulating glucose level, decreased adipocyte glucose uptake, increased total body fat amount, reproductive system phenotype, oligozoospermia, increased circulating luteinizing hormone level, increased circulating estradiol level, abnormal glucose homeostasis, small testis, decreased pancreatic beta cell mass, decreased circulating insulin level, decreased pancreatic islet number, small pancreatic islets, insulin resistance, abnormal pancreatic islet morphology, impaired glucose tolerance, decreased pancreatic beta cell proliferation, abnormal spermatocyte morphology, abnormal spermatid morphology, abnormal fat cell morphology, abnormal seminiferous tubule epithelium morphology, Leydig cell hypoplasia, increased circulating triglyceride level

Affected Gene: Bglap2

Genomic Alteration: tm1Kry

Catalog Number: 3763090

Background: involves: 129S7/SvEvBrd

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:21333348](#), [PMID:17693256](#)

Organism Name: Bglap/Bglap2^{tm1Kry}/Bglap/Bglap2^{tm1Kry}

Record Creation Time: 20240120T190455+0000

Record Last Update: 20240130T201928+0000

Ratings and Alerts

No rating or validation information has been found for Bglap/Bglap2^{tm1Kry}/Bglap/Bglap2^{tm1Kry}.

No alerts have been found for Bglap/Bglap2^{tm1Kry}/Bglap/Bglap2^{tm1Kry}.

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.