

Resource Summary Report

Generated by [NIF](#) on Sep 10, 2026

[Ptpn1^{tm2Bbk}/Ptpn1^{tm2Bbk}; Tg\(Nes-cre\)1Kln](#)

RRID:MGI:3664097

Type: Organism

Proper Citation

RRID:MGI:3664097

Organism Information

URL:

Proper Citation: RRID:MGI:3664097

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

Species: Mus musculus

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

Phenotype: decreased susceptibility to diet-induced obesity, decreased body weight, decreased triglyceride level, improved glucose tolerance, decreased circulating insulin level, decreased circulating glucose level, abnormal food intake, increased circulating leptin level, abnormal homeostasis, increased oxygen consumption, decreased circulating leptin level, decreased food intake, decreased bone mineral density, increased adiponectin level, abnormal motor capabilities/coordination/movement, increased insulin sensitivity, decreased respiratory quotient, abnormal hormone level, increased insulin sensitivity, abnormal fat pad morphology

Affected Gene: Ptpn1, Tg(Nes-cre)1Kln

Genomic Alteration: tm2Bbk, Tg(Nes-cre)1Kln

Catalog Number: 3664097

Background: involves: 129S4/SvJae * C57BL/6 * SJL

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:22000926](#), [PMID:16845389](#)

Organism Name: Ptpn1^{tm2Bbk}/Ptpn1^{tm2Bbk}; Tg(Nes-cre)1Kln

Record Creation Time: 20240120T190545+0000

Record Last Update: 20240130T201956+0000

Ratings and Alerts

No rating or validation information has been found for Ptpn1^{tm2Bbk}/Ptpn1^{tm2Bbk}; Tg(Nes-cre)1Kln.

No alerts have been found for Ptpn1^{tm2Bbk}/Ptpn1^{tm2Bbk}; Tg(Nes-cre)1Kln.

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.