

# Resource Summary Report

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

## [Ptpn1<sup>tm2Bbk</sup>/Ptpn1<sup>tm2Bbk</sup>; 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<sup>tm2Bbk</sup>/Ptpn1<sup>tm2Bbk</sup>; Tg(Nes-cre)1Kln

**Record Creation Time:** 20240120T190545+0000

**Record Last Update:** 20240130T201956+0000

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## Ratings and Alerts

No rating or validation information has been found for Ptpn1<sup>tm2Bbk</sup>/Ptpn1<sup>tm2Bbk</sup>; Tg(Nes-cre)1Kln.

No alerts have been found for Ptpn1<sup>tm2Bbk</sup>/Ptpn1<sup>tm2Bbk</sup>; Tg(Nes-cre)1Kln.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.