

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 4, 2026

[Prox1^{tm1Gco}/Prox1⁺](#)

RRID:MGI:2669229

Type: Organism

Proper Citation

RRID:MGI:2669229

Organism Information

URL:

Proper Citation: RRID:MGI:2669229

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

Species: Mus musculus

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

Phenotype: increased macrophage cell number, increased circulating leptin level, increased fat cell size, edema, hypoactivity, abnormal lymph circulation, postnatal lethality, incomplete penetrance, increased total retina thickness, increased total fat pad weight, postnatal lethality, incomplete penetrance, abnormal suckling behavior, chylothorax, cyanosis, abnormal lymphatic vessel morphology, increased circulating alanine transaminase level, increased total body fat amount, abnormal eye development, abnormal intestine morphology, increased liver triglyceride level, increased inflammatory response, abnormal lymph circulation, increased circulating insulin level, abnormal retina morphology, increased circulating glucagon level, respiratory distress, hepatic steatosis, edema, increased susceptibility to age related obesity

Affected Gene: Prox1

Genomic Alteration: tm1Gco

Catalog Number: 2669229

Background: involves: 129S1/Sv * 129X1/SvJ * NMRI

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:16170315](#), [PMID:10499794](#), [PMID:10080188](#), [PMID:12692551](#)

Organism Name: Prox1^{tm1Gco}/Prox1⁺

Record Creation Time: 20240120T190731+0000

Record Last Update: 20240130T202057+0000

Ratings and Alerts

No rating or validation information has been found for Prox1^{tm1Gco}/Prox1⁺.

No alerts have been found for Prox1^{tm1Gco}/Prox1⁺.

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.