

Resource Summary Report

Generated by [RRID](#) on Jul 28, 2026

[Slurp1^{tm1Lex}/Slurp1^{tm1Lex}](#)

RRID:MGI:5629822

Type: Organism

Proper Citation

RRID:MGI:5629822

Organism Information

URL:

Proper Citation: RRID:MGI:5629822

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

Species: Mus musculus

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

Phenotype: increased respiratory quotient, thick epidermis, increased oxygen consumption, increased keratinocyte proliferation, respiratory system phenotype, decreased body weight, decreased circulating cholesterol level, increased food intake, limb grasping, decreased percent body fat/body weight, decreased circulating leptin level, decreased circulating insulin level, abnormal stratum corneum lipid matrix formation, decreased circulating triglyceride level, abnormal epidermis stratum granulosum morphology, decreased total body fat amount, decreased susceptibility to diet-induced obesity, digestive/alimentary phenotype, abnormal autopod morphology, hypoactivity, impaired skin barrier function, increased carbon dioxide production

Affected Gene: Slurp1

Genomic Alteration: tm1Lex

Catalog Number: 5629822

Background: Not Specified

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:24499735](#)

Organism Name: Slurp1^{tm1Lex}/Slurp1^{tm1Lex}

Record Creation Time: 20240120T190032+0000

Record Last Update: 20240130T201657+0000

Ratings and Alerts

No rating or validation information has been found for Slurp1^{tm1Lex}/Slurp1^{tm1Lex}.

No alerts have been found for Slurp1^{tm1Lex}/Slurp1^{tm1Lex}.

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.