

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 3, 2026

[Smpd1^{tm1Esc}/Smpd1^{tm1Esc}](#)

RRID:MGI:3028763

Type: Organism

Proper Citation

RRID:MGI:3028763

Organism Information

URL:

Proper Citation: RRID:MGI:3028763

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

Species: Mus musculus

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

Phenotype: lethargy, increased susceptibility to bacterial infection, increased macrophage derived foam cell number, abnormal granulocyte physiology, immune system phenotype, abnormal apoptosis, Purkinje cell degeneration, cerebellum atrophy, ataxia, decreased body weight, increased circulating HDL cholesterol level, hunched posture, abnormal lipid homeostasis, decreased brain size, premature death, tremors, midbrain atrophy, impaired sperm capacitation, reproductive system phenotype, teratozoospermia, asthenozoospermia, abnormal male germ cell morphology

Affected Gene: Smpd1

Genomic Alteration: tm1Esc

Catalog Number: 3028763

Background: involves: 129S1/Sv * C57BL/6J

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12594290](#), [PMID:9382882](#), [PMID:12213735](#), [PMID:7670466](#), [PMID:8706124](#)

Organism Name: Smpd1^{tm1Esc}/Smpd1^{tm1Esc}

Record Creation Time: 20240120T190712+0000

Record Last Update: 20240130T202046+0000

Ratings and Alerts

No rating or validation information has been found for Smpd1^{tm1Esc}/Smpd1^{tm1Esc}.

No alerts have been found for Smpd1^{tm1Esc}/Smpd1^{tm1Esc}.

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.