

Resource Summary Report

Generated by [NIF](#) on Sep 23, 2026

[Spr^{tm1Spo}/Spr^{tm1Spo}](#)

RRID:MGI:3757644

Type: Organism

Proper Citation

RRID:MGI:3757644

Organism Information

URL:

Proper Citation: RRID:MGI:3757644

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

Species: Mus musculus

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

Phenotype: abnormal enzyme/coenzyme level, increased circulating phenylalanine level, decreased circulating insulin-like growth factor I level, decreased serotonin level, abnormal locomotor activation, abnormal neurotransmitter level, abnormal neopterin level, abnormal biopterin level, decreased noradrenaline level, abnormal dopaminergic neuron morphology, premature death, postnatal growth retardation, decreased dopamine level

Affected Gene: Spr

Genomic Alteration: tm1Spo

Catalog Number: 3757644

Background: involves: 129 * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:16532389](#)

Organism Name: Spr^{tm1Spo}/Spr^{tm1Spo}

Record Creation Time: 20240120T190500+0000

Record Last Update: 20240130T201931+0000

Ratings and Alerts

No rating or validation information has been found for Spr^{tm1Spo}/Spr^{tm1Spo}.

No alerts have been found for Spr^{tm1Spo}/Spr^{tm1Spo}.

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.