

Resource Summary Report

Generated by [NIF](#) on Sep 10, 2026

B6;129P2-Syt1^{tm3Sud}/J

RRID:IMSR_JAX:006385

Type: Organism

Proper Citation

RRID:IMSR_JAX:006385

Organism Information

URL: <https://www.jax.org/strain/006385>

Proper Citation: RRID:IMSR_JAX:006385

Description: Mus musculus with name B6;129P2-Syt1^{tm3Sud}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: synaptotagmin I; mutant stock: Syt1

Affected Gene: synaptotagmin I

Genomic Alteration: targeted mutation 3; Thomas C Sudhof

Catalog Number: JAX:006385

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6;129P2-Syt1^{tm3Sud}/J

Record Creation Time: 20250513T053656+0000

Record Last Update: 20260905T044439+0000

Ratings and Alerts

No rating or validation information has been found for B6;129P2-Syt1^{tm3Sud}/J.

No alerts have been found for B6;129P2-Syt1^{tm3Sud}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Makke M, et al. (2024) Key determinants of the dual clamp/activator function of Complexin. eLife, 12.