

Resource Summary Report

Generated by [NIF](#) on Aug 19, 2026

129S6.129X1(B6)-Syt4^{tm1Hahe}/J

RRID:IMSR_JAX:012400

Type: Organism

Proper Citation

RRID:IMSR_JAX:012400

Organism Information

URL: <https://www.jax.org/strain/012400>

Proper Citation: RRID:IMSR_JAX:012400

Description: Mus musculus with name 129S6.129X1(B6)-Syt4^{tm1Hahe}/J from IMSR.

Species: Mus musculus

Synonyms: 129S6.129X1(B6)-Syt4/J

Notes: gene symbol note: synaptotagmin IV; mutant strain|congenic strain: Syt4

Affected Gene: synaptotagmin IV

Genomic Alteration: targeted mutation 1; Harvey R Herschman

Catalog Number: JAX:012400

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: 129S6.129X1(B6)-Syt4^{tm1Hahe}/J

Record Creation Time: 20250513T053720+0000

Record Last Update: 20260815T050631+0000

Ratings and Alerts

No rating or validation information has been found for 129S6.129X1(B6)-Syt4^{tm1Hahe}/J.

No alerts have been found for 129S6.129X1(B6)-Syt4^{tm1Hahe}/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](#) .

Delignat-Lavaud B, et al. (2022) Implication of synaptotagmins 4 and 7 in activity-dependent somatodendritic dopamine release in the ventral midbrain. Open biology, 12(3), 210339.