

Resource Summary Report

Generated by [SPARC SAWG](#) on Jul 30, 2026

B6.129X1-Adra1a^{tm1Pcs}/J

RRID:IMSR_JAX:005039

Type: Organism

Proper Citation

RRID:IMSR_JAX:005039

Organism Information

URL: <https://www.jax.org/strain/005039>

Proper Citation: RRID:IMSR_JAX:005039

Description: Mus musculus with name B6.129X1-Adra1a^{tm1Pcs}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: adrenergic receptor; alpha 1a|beta-galactosidase; mutant strain|congenic strain: Adra1a|lacZ

Affected Gene: adrenergic receptor; alpha 1a|beta-galactosidase

Genomic Alteration: targeted mutation 1; Paul C Simpson

Catalog Number: JAX:005039

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129X1-Adra1a^{tm1Pcs}/J

Record Creation Time: 20250513T053647+0000

Record Last Update: 20260725T044357+0000

Ratings and Alerts

No rating or validation information has been found for B6.129X1-Adra1a^{tm1Pcs}/J.

No alerts have been found for B6.129X1-Adra1a^{tm1Pcs}/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 [SPARC SAWG](#) .

Heo EY, et al. (2025) Impaired neuromodulator crosstalk delays arousal-dependent astroglia Ca²⁺ activation in mouse models of Alzheimer's disease. iScience, 28(8), 113120.