

Resource Summary Report

Generated by [Kravitz](#) on Sep 21, 2026

B6.129S(SJL)-Cyp19a1^{tm2.1}(cre)Shah/J

RRID:IMSR_JAX:027038

Type: Organism

Proper Citation

RRID:IMSR_JAX:027038

Organism Information

URL: <https://www.jax.org/strain/027038>

Proper Citation: RRID:IMSR_JAX:027038

Description: Mus musculus with name B6.129S(SJL)-Cyp19a1^{tm2.1}(cre)Shah/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: cytochrome P450; family 19; subfamily a; polypeptide 1|; mutant strain|congenic strain: Cyp19a1|

Affected Gene: cytochrome P450; family 19; subfamily a; polypeptide 1|

Genomic Alteration: targeted mutation 2.1; Nirao Shah

Catalog Number: JAX:027038

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129S(SJL)-Cyp19a1^{tm2.1}(cre)Shah/J

Record Creation Time: 20250513T053759+0000

Record Last Update: 20260919T054944+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S(SJL)-Cyp19a1^{tm2.1(cre)Shah/J}.

No alerts have been found for B6.129S(SJL)-Cyp19a1^{tm2.1(cre)Shah/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Trives E, et al. (2025) Social experience is associated with a differential role of aromatase neurons in sexual behavior and territorial aggression in male mice. Hormones and behavior, 170, 105723.

Bayless DW, et al. (2019) Limbic Neurons Shape Sex Recognition and Social Behavior in Sexually Naive Males. Cell, 176(5), 1190.