

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 23, 2026

C.129S4(B6)-Arg1^{tm1.1Lky/J}

RRID:IMSR_JAX:015858

Type: Organism

Proper Citation

RRID:IMSR_JAX:015858

Organism Information

URL: <https://www.jax.org/strain/015858>

Proper Citation: RRID:IMSR_JAX:015858

Description: Mus musculus with name C.129S4(B6)-Arg1^{tm1.1Lky/J} from IMSR.

Species: Mus musculus

Synonyms: C.129S4(B6)-Arg1/J

Notes: gene symbol note: arginase; liver|; mutant strain|congenic strain: Arg1|

Affected Gene: arginase; liver|

Genomic Alteration: targeted mutation 1.1; Richard M Locksley

Catalog Number: JAX:015858

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: C.129S4(B6)-Arg1^{tm1.1Lky/J}

Record Creation Time: 20250513T053728+0000

Record Last Update: 20260815T050643+0000

Ratings and Alerts

No rating or validation information has been found for C.129S4(B6)-Arg1^{tm1.1Lky/J}.

No alerts have been found for C.129S4(B6)-Arg1^{tm1.1Lky/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](#) .

Barron JJ, et al. (2023) Group 2 innate lymphoid cells promote inhibitory synapse development and social behavior. bioRxiv : the preprint server for biology.