Resource Summary Report

Generated by SPARC SAWG on Aug 17, 2026

B6.129S-Trpa1^{tm2Kykw}/J

RRID:IMSR_JAX:008650
Type: Organism

Proper Citation

RRID:IMSR_JAX:008650

Organism Information

URL: https://www.jax.org/strain/008650

Proper Citation: RRID:IMSR_JAX:008650

Description: Mus musculus with name B6.129S-Trpa1^{tm2Kykw}/J from IMSR.

Species: Mus musculus

Synonyms: B6.129-Trpa1/J

Notes: gene symbol note: transient receptor potential cation channel; subfamily A; member 1; mutant strain|congenic strain: Trpa1

Affected Gene: transient receptor potential cation channel; subfamily A; member 1

Genomic Alteration: targeted mutation 2; Kelvin Y Kwan

Catalog Number: JAX:008650

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129S-Trpa1^{tm2Kykw}/J

Record Creation Time: 20250513T053710+0000

Record Last Update: 20260815T050620+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S-Trpa1^{tm2Kykw}/J.

No alerts have been found for B6.129S-Trpa1^{tm2Kykw}/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 SPARC SAWG .

Uchiyama M, et al. (2020) O2-Dependent Protein Internalization Underlies Astrocytic Sensing of Acute Hypoxia by Restricting Multimodal TRPA1 Channel Responses. Current biology : CB, 30(17), 3378.

Kriszta G, et al. (2019) Investigation of Cuprizone-Induced Demyelination in mGFAP-Driven Conditional Transient Receptor Potential Ankyrin 1 (TRPA1) Receptor Knockout Mice. Cells, 9(1).