B6.Cg-Stim1^{tm1Rao}/J

RRID:IMSR_JAX:023350
Type: Organism

Proper Citation

RRID:IMSR_JAX:023350

Organism Information

URL: https://www.jax.org/strain/023350

Proper Citation: RRID:IMSR_JAX:023350

Description: Mus musculus with name B6.Cg-Stim1^{tm1Rao}/J from IMSR.

Species: Mus musculus

Synonyms: B6(Cg)-Stim1/J

Notes: gene symbol note: stromal interaction molecule 1; mutant strain|congenic strain: Stim1

Affected Gene: stromal interaction molecule 1

Genomic Alteration: targeted mutation 1; Anjana Rao

Catalog Number: JAX:023350

Database: International Mouse Resource Center IMSR, JAX

Database Abbreviation: IMSR

Availability: sperm

Alternate IDs: IMSR_JAX:23350

Organism Name: B6.Cg-Stim1^{tm1Rao}/J

Record Creation Time: 20230509T193318+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Stim1^{tm1Rao}/J.

No alerts have been found for B6.Cg-Stim1^{tm1Rao}/J.

Data and Source Information

Source: Integrated Animals

Source Database: International Mouse Resource Center IMSR, JAX

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Qiu J, et al. (2022) CRISPR/SaCas9 mutagenesis of stromal interaction molecule 1 in proopiomelanocortin neurons increases glutamatergic excitability and protects against diet-induced obesity. Molecular metabolism, 66, 101645.

Krishnan V, et al. (2022) STIM1-dependent peripheral coupling governs the contractility of vascular smooth muscle cells. eLife, 11.

Qiu J, et al. (2021) Deletion of Stim1 in Hypothalamic Arcuate Nucleus Kiss1 Neurons Potentiates Synchronous GCaMP Activity and Protects against Diet-Induced Obesity. The Journal of neuroscience : the official journal of the Society for Neuroscience, 41(47), 9688.

Ingiosi AM, et al. (2020) A Role for Astroglial Calcium in Mammalian Sleep and Sleep Regulation. Current biology : CB, 30(22), 4373.