Resource Summary Report

Generated by nidm-terms on Aug 10, 2026

B6.129S1-Mapk8^{tm1Flv}/J

RRID:IMSR_JAX:004319
Type: Organism

Proper Citation

RRID:IMSR_JAX:004319

Organism Information

URL: https://www.jax.org/strain/004319

Proper Citation: RRID:IMSR_JAX:004319

Description: Mus musculus with name B6.129S1-Mapk8^{tm1Flv}/J from IMSR.

Species: Mus musculus

Synonyms: B6.129-Mapk8/J

Notes: gene symbol note: mitogen-activated protein kinase 8; mutant strain|congenic strain: Mapk8

Affected Gene: mitogen-activated protein kinase 8

Genomic Alteration: targeted mutation 1; Richard Flavell

Catalog Number: JAX:004319

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129S1-Mapk8^{tm1Flv}/J

Record Creation Time: 20250513T053644+0000

Record Last Update: 20260808T050845+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S1-Mapk8^{tm1Flv}/J.

No alerts have been found for B6.129S1-Mapk8^{tm1Flv}/J.

Data and Source Information

Source: Integrated Animals

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at nidm-terms .

Komulainen E, et al. (2020) Impact of JNK and Its Substrates on Dendritic Spine Morphology. Cells, 9(2).

Martínez-Sánchez N, et al. (2017) Hypothalamic AMPK-ER Stress-JNK1 Axis Mediates the Central Actions of Thyroid Hormones on Energy Balance. Cell metabolism, 26(1), 212.

Ramo K, et al. (2016) Suppression of ischemia in arterial occlusive disease by JNK-promoted native collateral artery development. eLife, 5.

Maroso M, et al. (2016) Cannabinoid Control of Learning and Memory through HCN Channels. Neuron, 89(5), 1059.

Heinonen KM, et al. (2011) Wnt4 enhances murine hematopoietic progenitor cell expansion through a planar cell polarity-like pathway. PloS one, 6(4), e19279.