Resource Summary Report

Generated by Kravitz on Sep 19, 2026

B6.129-Mapk1^{tm1Gela}/J

RRID:IMSR_JAX:019112
Type: Organism

Proper Citation

RRID:IMSR_JAX:019112

Organism Information

URL: https://www.jax.org/strain/019112

Proper Citation: RRID:IMSR_JAX:019112

Description: Mus musculus with name B6.129-Mapk1^{tm1Gela}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: mitogen-activated protein kinase 1; mutant strain|congenic strain: Mapk1

Affected Gene: mitogen-activated protein kinase 1

Genomic Alteration: targeted mutation 1; Gary E Landreth

Catalog Number: JAX:019112

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129-Mapk1^{tm1Gela}/J

Record Creation Time: 20250513T053740+0000

Record Last Update: 20260919T054927+0000

Ratings and Alerts

No rating or validation information has been found for B6.129-Mapk1^{tm1Gela}/J.

No alerts have been found for B6.129-Mapk1^{tm1Gela}/J.

Data and Source Information

Source: Integrated Animals

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at Kravitz .

Wan S, et al. (2021) Costimulation molecules differentially regulate the ERK-Zfp831 axis to shape T follicular helper cell differentiation. Immunity, 54(12), 2740.

Wang L, et al. (2020) A kinome-wide RNAi screen identifies ERK2 as a druggable regulator of Shank3 stability. Molecular psychiatry, 25(10), 2504.

Menon RT, et al. (2020) Tie-2 Cre-Mediated Deficiency of Extracellular Signal-Regulated Kinase 2 Potentiates Experimental Bronchopulmonary Dysplasia-Associated Pulmonary Hypertension in Neonatal Mice. International journal of molecular sciences, 21(7).