Resource Summary Report

Generated by NIF on Sep 4, 2026

FVB.129-Adrb2^{tm1Bkk}/J

RRID:IMSR_JAX:031496
Type: Organism

Proper Citation

RRID:IMSR_JAX:031496

Organism Information

URL: https://www.jax.org/strain/031496

Proper Citation: RRID:IMSR_JAX:031496

Description: Mus musculus with name FVB.129-Adrb2^{tm1Bkk}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: adrenergic receptor; beta 2; mutant strain|congenic strain: Adrb2

Affected Gene: adrenergic receptor; beta 2

Genomic Alteration: targeted mutation 1; Brian K Kobilka

Catalog Number: JAX:031496

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: FVB.129-Adrb2^{tm1Bkk}/J

Record Creation Time: 20250513T053822+0000

Record Last Update: 20260829T045127+0000

Ratings and Alerts

No rating or validation information has been found for FVB.129-Adrb2^{tm1Bkk}/J.

No alerts have been found for FVB.129-Adrb2^{tm1Bkk}/J.

Data and Source Information

Source: Integrated Animals

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Xu HK, et al. (2023) Region-specific sympatho-adrenergic regulation of specialized vasculature in bone homeostasis and regeneration. iScience, 26(9), 107455.

Yoshida T, et al. (2023) VMHdm/cSF-1 neuronal circuits regulate skeletal muscle PGC1-? via the sympathoadrenal drive. Molecular metabolism, 77, 101792.

Fonseca FV, et al. (2022) S-nitrosylation is required for ?2AR desensitization and experimental asthma. Molecular cell, 82(16), 3089.

Zhang K, et al. (2022) A functional circuit formed by the autonomic nerves and myofibroblasts controls mammalian alveolar formation for gas exchange. Developmental cell, 57(13), 1566.