

Resource Summary Report

Generated by [NIF](#) on Sep 3, 2026

B6.129S6(FVB)-Gt(ROSA)26Sor tm1(Pik3ca*H1047R)Egan/BoseJ

RRID:IMSR_JAX:041202

Type: Organism

Proper Citation

RRID:IMSR_JAX:041202

Organism Information

URL: <https://www.jax.org/strain/041202>

Proper Citation: RRID:IMSR_JAX:041202

Description: Mus musculus with name B6.129S6(FVB)-Gt(ROSA)26Sor
tm1(Pik3ca*H1047R)Egan/BoseJ from IMSR.

Species: Mus musculus

Notes: gene symbol note: phosphatidylinositol-4;5-bisphosphate 3-kinase catalytic subunit
alpha|gene trap ROSA 26; Philippe Soriano; mutant strain|congenic strain:
Pik3ca|Gt(ROSA)26Sor

Affected Gene: phosphatidylinositol-4;5-bisphosphate 3-kinase catalytic subunit
alpha|gene trap ROSA 26; Philippe Soriano

Genomic Alteration: targeted mutation 1; Sean E Egan

Catalog Number: JAX:041202

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6.129S6(FVB)-Gt(ROSA)26Sor^{tm1(Pik3ca*H1047R)Egan/BoseJ}

Record Creation Time: 20251209T052746+0000

Record Last Update: 20260829T055237+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S6(FVB)-Gt(ROSA)26Sor^{tm1(Pik3ca*H1047R)}Egan/BoseJ.

No alerts have been found for B6.129S6(FVB)-Gt(ROSA)26Sor^{tm1(Pik3ca*H1047R)}Egan/BoseJ.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Cheng X, et al. (2026) Interleukin-34-Induced Arg1+ Macrophages Play a Key Role in Breast Cancer Brain Metastasis. Cancer research communications, 6(6), 1388.