

Resource Summary Report

Generated by [NIF](#) on Aug 9, 2026

B6.129S4-Fgfr1^{tm5.1Sor}/J

RRID:IMSR_JAX:007671

Type: Organism

Proper Citation

RRID:IMSR_JAX:007671

Organism Information

URL: <https://www.jax.org/strain/007671>

Proper Citation: RRID:IMSR_JAX:007671

Description: Mus musculus with name B6.129S4-Fgfr1^{tm5.1Sor}/J from IMSR.

Species: Mus musculus

Synonyms: B6;129S4-Fgfr1/J

Notes: gene symbol note: fibroblast growth factor receptor 1; congenic strain: Fgfr1

Affected Gene: fibroblast growth factor receptor 1

Genomic Alteration: targeted mutation 5; Philippe Soriano

Catalog Number: JAX:007671

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129S4-Fgfr1^{tm5.1Sor}/J

Record Creation Time: 20250513T053703+0000

Record Last Update: 20260808T050907+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S4-Fgfr1^{tm5.1Sor}/J.

No alerts have been found for B6.129S4-Fgfr1^{tm5.1Sor}/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 [NIF](#) .

Rajendran R, et al. (2022) Interferon Beta-1a versus Combined Interferon Beta-1a and Oligodendrocyte-Specific FGFR1 Deletion in Experimental Autoimmune Encephalomyelitis. International journal of molecular sciences, 23(20).

Rajendran R, et al. (2021) Oligodendrocyte-Specific Deletion of FGFR1 Reduces Cerebellar Inflammation and Neurodegeneration in MOG35-55-Induced EAE. International journal of molecular sciences, 22(17).

Suh JM, et al. (2014) Endocrinization of FGF1 produces a neomorphic and potent insulin sensitizer. Nature, 513(7518), 436.