

Resource Summary Report

Generated by [NIF](#) on Sep 8, 2026

B6.Cg-Flt1^{tm1.1Fong}/J

RRID:IMSR_JAX:028098

Type: Organism

Proper Citation

RRID:IMSR_JAX:028098

Organism Information

URL: <https://www.jax.org/strain/028098>

Proper Citation: RRID:IMSR_JAX:028098

Description: Mus musculus with name B6.Cg-Flt1^{tm1.1Fong}/J from IMSR.

Species: Mus musculus

Synonyms: STOCK Flt1/J

Notes: gene symbol note: FMS-like tyrosine kinase 1; mutant strain|congenic strain: Flt1

Affected Gene: FMS-like tyrosine kinase 1

Genomic Alteration: targeted mutation 1.1; Guo-Hua Fong

Catalog Number: JAX:028098

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.Cg-Flt1^{tm1.1Fong}/J

Record Creation Time: 20250513T053803+0000

Record Last Update: 20260905T044540+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Flt1^{tm1.1Fong}/J.

No alerts have been found for B6.Cg-Flt1^{tm1.1Fong}/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](#) .

Herbath M, et al. (2026) VEGFR Blockade Reduces Mycobacterium tuberculosis-Induced Lung Pathology in Immunocompromised Mice. Cells, 15(7).

Zaninelli TH, et al. (2025) Targeting NGF but not VEGFR1 or BDNF signaling reduces endometriosis-associated pain in mice. Journal of advanced research, 73, 593.

Verma M, et al. (2024) Endothelial cell signature in muscle stem cells validated by VEGFA-FLT1-AKT1 axis promoting survival of muscle stem cell. eLife, 13.