

Resource Summary Report

Generated by SPARC SAWG on Aug 17, 2026

B6;SJL-Tg(Pf4-F5)1Dgi/J

RRID:IMSR_JAX:007243

Type: Organism

Proper Citation

RRID:IMSR_JAX:007243

Organism Information

URL: <https://www.jax.org/strain/007243>

Proper Citation: RRID:IMSR_JAX:007243

Description: Mus musculus with name B6;SJL-Tg(Pf4-F5)1Dgi/J from IMSR.

Species: Mus musculus

Synonyms: B6.Cg-Tg(Cxcl4-F5)1Dgi/J. B6;SJL-Tg(Cxcl4-F5)1Dgi/J

Notes: gene symbol note: transgene insertion 1; David Ginsburg|platelet factor 4|coagulation factor V; mutant strain: Tg(Pf4-F5)1Dgi|Pf4|F5

Affected Gene: transgene insertion 1; David Ginsburg|platelet factor 4|coagulation factor V

Genomic Alteration: transgene insertion 1; David Ginsburg

Catalog Number: JAX:007243

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6;SJL-Tg(Pf4-F5)1Dgi/J

Record Creation Time: 20250513T053702+0000

Record Last Update: 20260815T050611+0000

Ratings and Alerts

No rating or validation information has been found for B6;SJL-Tg(Pf4-F5)1Dgi/J.

No alerts have been found for B6;SJL-Tg(Pf4-F5)1Dgi/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Yue L, et al. (2018) CXCL4 contributes to host defense against acute Pseudomonas aeruginosa lung infection. PloS one, 13(10), e0205521.

Bruns I, et al. (2014) Megakaryocytes regulate hematopoietic stem cell quiescence through CXCL4 secretion. Nature medicine, 20(11), 1315.