Resource Summary Report

Generated by nidm-terms on Aug 11, 2026

B6;129S-F8^{tm1Kaz}/J

RRID:IMSR_JAX:004424
Type: Organism

Proper Citation

RRID:IMSR_JAX:004424

Organism Information

URL: https://www.jax.org/strain/004424

Proper Citation: RRID:IMSR_JAX:004424

Description: Mus musculus with name B6;129S-F8^{tm1Kaz}/J from IMSR.

Species: Mus musculus

Synonyms: B6;129S4-F8/J

Notes: gene symbol note: coagulation factor VIII; mutant stock: F8

Affected Gene: coagulation factor VIII

Genomic Alteration: targeted mutation 1; Haig H Kazazian Jr

Catalog Number: JAX:004424

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6;129S-F8^{tm1Kaz}/J

Record Creation Time: 20250513T053644+0000

Record Last Update: 20260808T050846+0000

Ratings and Alerts

No rating or validation information has been found for B6;129S-F8^{tm1Kaz}/J.

No alerts have been found for B6;129S-F8^{tm1Kaz}/J.

Data and Source Information

Source: Integrated Animals

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 9 mentions in open access literature.

Listed below are recent publications. The full list is available at nidm-terms .

Esposito F, et al. (2024) Safe and effective liver-directed AAV-mediated homology-independent targeted integration in mouse models of inherited diseases. Cell reports. Medicine, 5(7), 101619.

Knowles LM, et al. (2024) Clotting Promotes Glioma Growth and Infiltration Through Activation of Focal Adhesion Kinase. Cancer research communications, 4(12), 3124.

Greig JA, et al. (2022) Determining the Minimally Effective Dose of a Clinical Candidate Adeno-Associated Virus Vector in a Mouse Model of Hemophilia A. Human gene therapy, 33(7-8), 421.

Milani M, et al. (2022) Liver-directed lentiviral gene therapy corrects hemophilia A mice and achieves normal-range factor VIII activity in non-human primates. Nature communications, 13(1), 2454.

Kao YT, et al. (2021) Novel Coagulation Factor VIII Gene Therapy in a Mouse Model of Hemophilia A by Lipid-Coated Fe3O4 Nanoparticles. Biomedicines, 9(9).

Cao W, et al. (2020) Minimal Essential Human Factor VIII Alterations Enhance Secretion and Gene Therapy Efficiency. Molecular therapy. Methods & clinical development, 19, 486.

Gao K, et al. (2019) Potential long-term treatment of hemophilia A by neonatal co-transplantation of cord blood-derived endothelial colony-forming cells and placental mesenchymal stromal cells. Stem cell research & therapy, 10(1), 34.

Wakabayashi T, et al. (2018) CD157 Marks Tissue-Resident Endothelial Stem Cells with Homeostatic and Regenerative Properties. Cell stem cell, 22(3), 384.

van der Flier A, et al. (2015) FcRn Rescues Recombinant Factor VIII Fc Fusion Protein from a VWF Independent FVIII Clearance Pathway in Mouse Hepatocytes. PloS one, 10(4), e0124930.