

Resource Summary Report

Generated by SPARC SAWG on Sep 5, 2026

FIX

RRID:NSRRC_0019

Type: Organism

Proper Citation

RRID:NSRRC_0019

Organism Information

URL: <https://nsrrc.missouri.edu/StrainAvail/>

Proper Citation: RRID:NSRRC_0019

Description: Application: Hemophilia Research

Species: Sus scrofa

Notes: Application: Hemophilia Research

Phenotype: Production of FIX, SERPINA1and VWF in the milk

Affected Gene: FIX, FURIN, VWF

Genomic Alteration: Transgenes: Human coagulation factor IX, Human alpha 1-antitrypsin, von Willibrand factor

Catalog Number: 19

Background: outbred

Database: NSRRC, National Swine Resource and Research Center (NSRRC)

Database Abbreviation: NSRRC

Organism Name: FIX

Record Creation Time: 20230226T235432+0000

Record Last Update: 20260905T172706+0000

Ratings and Alerts

No rating or validation information has been found for FIX.

No alerts have been found for FIX.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: NSRRC, National Swine Resource and Research Center (NSRRC)

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](#) .

Lisjak M, et al. (2022) Promoterless Gene Targeting Approach Combined to CRISPR/Cas9 Efficiently Corrects Hemophilia B Phenotype in Neonatal Mice. *Frontiers in genome editing*, 4, 785698.

Taves S, et al. (2019) Hemophilia A and B mice, but not VWF-/-mice, display bone defects in congenital development and remodeling after injury. *Scientific reports*, 9(1), 14428.