

Resource Summary Report

Generated by [NIF](#) on Aug 4, 2026

nfe2l2afh318

RRID:ZIRC_ZL3194

Type: Organism

Proper Citation

RRID:ZIRC_ZL3194

Organism Information

URL:

http://zebrafish.org/fish/lineAll.php?t=ZIRC_Catalog_ID&sverb=exactly+matching&c=ZL3194

Proper Citation: RRID:ZIRC_ZL3194

Description: Danio rerio with name from ZIRC.

Species: Danio rerio

Notes: Allele with one point mutation

Phenotype: anatomical structure, obsolete glutathione oxidoreductase activity, whole organism anatomical structure, obsolete glutathione oxidoreductase activity (all 3)

Affected Gene: nfe2l2afh318

Genomic Alteration: fh318

Catalog Number: ZL3194

Database: Zebrafish Lines at ZIRC

Database Abbreviation: ZIRC

Availability: frozen

Organism Name: nfe2l2afh318

Record Creation Time: 20230308T015101+0000

Record Last Update: 20260801T182301+0000

Ratings and Alerts

No rating or validation information has been found for nfe2l2afh318.

No alerts have been found for nfe2l2afh318.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Zebrafish Lines at ZIRC

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Bian L, et al. (2023) Genetic hyperactivation of Nrf2 causes larval lethality in Keap1a and Keap1b-double-knockout zebrafish. Redox biology, 62, 102673.

Watanabe A, et al. (2022) Soy-Derived Equol Induces Antioxidant Activity in Zebrafish in an Nrf2-Independent Manner. International journal of molecular sciences, 23(9).