

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

ednrb1ab140; mitfab692

RRID:ZIRC_ZL1689

Type: Organism

Proper Citation

RRID:ZIRC_ZL1689

Organism Information

URL:

http://zebrafish.org/fish/lineAll.php?t=ZIRC_Catalog_ID&sverb=exactly+matching&c=ZL1689

Proper Citation: RRID:ZIRC_ZL1689

Description: Danio rerio with name from ZIRC.

Species: Danio rerio

Notes: UnknownAllele with one point mutation

Phenotype: anal fin, caudal fin, caudal fin, developmental pigmentation, head, hypodermal cell, iridophore, iridophore, iridophore differentiation, larval melanophore stripe, melanocyte, melanocyte, melanocyte differentiation, melanocyte migration, melanophore stripe, melanophore stripe, neural crest cell migration, oligodendrocyte, peritoneum, pigmentation, pigmentation, pigment cell, pigment cell, retinal pigmented epithelium, spinal cord, swimming behavior, trunk, trunk, vertebra, whole organism, xanthophore, xanthophore anal fin, caudal fin (all 32)

Affected Gene: ednrb1ab140; mitfab692

Genomic Alteration: b140b692

Catalog Number: ZL1689

Database: Zebrafish Lines at ZIRC

Database Abbreviation: ZIRC

Availability: embryos, adults

Organism Name: ednrb1ab140; mitfab692

Record Creation Time: 20230308T015100+0000

Record Last Update: 20260912T192002+0000

Ratings and Alerts

No rating or validation information has been found for ednrb1ab140; mitfab692.

No alerts have been found for ednrb1ab140; mitfab692.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Zebrafish Lines at ZIRC

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Freudenblum J, et al. (2023) Mitochondrial network expansion and dynamic redistribution during islet morphogenesis in zebrafish larvae. FEBS letters, 597(2), 262.