

# Resource Summary Report

Generated by T1D on Sep 6, 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](http://zebrafish.org/fish/lineAll.php?t=ZIRC_Catalog_ID&sverb=exactly+matching&c=ZL1689)

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**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:** 20260905T124901+0000

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## Ratings and Alerts

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

No alerts have been found for ednrb1ab140; mitfab692.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** Zebrafish Lines at ZIRC

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [T1D](#) .

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