

Resource Summary Report

Generated by [NIF](#) on Aug 7, 2026

-umk701Tg; mpv17a9; mitfaw2 (AB)

RRID:ZIRC_ZL14650

Type: Organism

Proper Citation

RRID:ZIRC_ZL14650

Organism Information

URL:

http://zebrafish.org/fish/lineAll.php?t=ZIRC_Catalog_ID&sverb=exactly+matching&c=ZL14650

Proper Citation: RRID:ZIRC_ZL14650

Description: Danio rerio with name from ZIRC.

Species: Danio rerio

Notes: Allele with multiple variantsTransgenic InsertionAllele with one point mutation

Phenotype: aerobic respiration, caudal fin, developmental pigmentation, eye, head, integument, iridophore, iridophore, larval melanophore stripe, larval melanophore stripe, liver, melanocyte, melanocyte, melanocyte differentiation, melanocyte migration, melanophore stripe, melanophore stripe, neural crest cell migration, oxidative phosphorylation, pigmentation, pigment cell, pigment cell, post-vent region, retinal cone cell, retinal pigmented epithelium, swimming behavior, trunk, trunk, vertebra, whole organism, whole organism, xanthophore aerobic respiration, caudal fin (all 32)

Affected Gene: -umk701Tg; mpv17a9; mitfaw2 (AB)

Genomic Alteration: a9 [(part of) Casper fish, (part of) Crystal fish, roy]umk701Tgw2

Catalog Number: ZL14650

Background: AB

Database: Zebrafish Lines at ZIRC

Database Abbreviation: ZIRC

Availability: frozen

Organism Name: -umk701Tg; mpv17a9; mitfaw2 (AB)

Record Creation Time: 20230308T015229+0000

Record Last Update: 20260801T182509+0000

Ratings and Alerts

No rating or validation information has been found for -umk701Tg; mpv17a9; mitfaw2 (AB).

No alerts have been found for -umk701Tg; mpv17a9; mitfaw2 (AB).

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Zebrafish Lines at ZIRC

Usage and Citation Metrics

We have not found any literature mentions for this resource.