

Resource Summary Report

Generated by [dkNET](#) on Aug 19, 2026

slc45a2b4/+ (AB)

RRID:ZIRC_ZL85

Type: Organism

Proper Citation

RRID:ZIRC_ZL85

Organism Information

URL:

http://zebrafish.org/fish/lineAll.php?t=ZIRC_Catalog_ID&sverb=exactly+matching&c=ZL85

Proper Citation: RRID:ZIRC_ZL85

Description: Danio rerio with name from ZIRC.

Species: Danio rerio

Notes: Allele with one insertion

Phenotype: cellular pigmentation, eye, eye photoreceptor cell, larval melanophore stripe, lens, melanin biosynthetic process, melanocyte, melanophore stripe, pigmentation, pigment cell, response to light stimulus, retina, retinal pigmented epithelium, sensory system, visual system, whole organism cellular pigmentation, eye (all 16)

Affected Gene: slc45a2b4/+ (AB)

Genomic Alteration: b4

Catalog Number: ZL85

Background: AB

Database: Zebrafish Lines at ZIRC

Database Abbreviation: ZIRC

Availability: embryos, adults

Organism Name: slc45a2b4/+ (AB)

Record Creation Time: 20230308T015100+0000

Record Last Update: 20260815T174349+0000

Ratings and Alerts

No rating or validation information has been found for slc45a2b4/+ (AB).

No alerts have been found for slc45a2b4/+ (AB).

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 [dkNET](#) .

Piekniowska A, et al. (2025) Do organisms need an impact factor? Citations of key biological resources including model organisms reveal usage patterns and impact. PloS one, 20(8), e0327344.

Piekniowska A, et al. (2024) Do organisms need an impact factor? Citations of key biological resources including model organisms reveal usage patterns and impact. bioRxiv : the preprint server for biology.