

# Resource Summary Report

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

## trpm7j124e1/+ (AB)

RRID:ZIRC\_ZL869

Type: Organism

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### Proper Citation

RRID:ZIRC\_ZL869

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### Organism Information

**URL:**

[http://zebrafish.org/fish/lineAll.php?t=ZIRC\\_Catalog\\_ID&sverb=exactly+matching&c=ZL869](http://zebrafish.org/fish/lineAll.php?t=ZIRC_Catalog_ID&sverb=exactly+matching&c=ZL869)

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**Description:** Danio rerio with name from ZIRC.

**Species:** Danio rerio

**Notes:** Allele with one point mutation

**Phenotype:** acinar cell, adult locomotory behavior, basihyal bone, calcium ion homeostasis, caudal fin lepidotrichium, caudal vertebra, centrum, ceratobranchial 1 bone, ceratobranchial 2 bone, ceratobranchial 3 bone, ceratobranchial 4 bone, ceratohyal bone, corpuscles of Stannius, dopaminergic neuron, ectopterygoid, endochondral ossification, entopterygoid, epihyal, epithelial cell of pancreas, epithelial cell proliferation, epural, exocrine pancreas, eye, frontal bone, growth, heart, heart contraction, hemal arch, hyomandibula, hypural, integument, intramembranous ossification, kidney, magnesium ion homeostasis, maxilla, melanin biosynthetic process, melanoblast, melanocyte, melanocyte differentiation, metapterygoid, mitotic cell cycle, musculoskeletal movement, neural arch, parapophysis/rib, parasphenoid, pigment cell, premaxilla, pretectum, pronephric duct, quadrate, renal system process, renal tubule, response to external stimulus, sensory system, skeletal system, swimming behavior, symplectic, thigmotaxis, trunk, urostyle, vertebral column, Weberian apparatus, Weberian vertebra, whole organism acinar cell, adult locomotory behavior (all 64)

**Affected Gene:** trpm7j124e1/+ (AB)

**Genomic Alteration:** j124e1

**Catalog Number:** ZL869

**Background:** AB

**Database:** Zebrafish Lines at ZIRC

**Database Abbreviation:** ZIRC

**Availability:** frozen

**Organism Name:** trpm7j124e1/+ (AB)

**Record Creation Time:** 20230308T015105+0000

**Record Last Update:** 20260801T182306+0000

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## Ratings and Alerts

No rating or validation information has been found for trpm7j124e1/+ (AB).

No alerts have been found for trpm7j124e1/+ (AB).

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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 have not found any literature mentions for this resource.