

# Resource Summary Report

Generated by [kravitz2](#) on Jul 30, 2026

## fbxo5tiy121

RRID:ZIRC\_ZL1977

Type: Organism

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### Proper Citation

RRID:ZIRC\_ZL1977

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### Organism Information

**URL:**

[http://zebrafish.org/fish/lineAll.php?t=ZIRC\\_Catalog\\_ID&sverb=exactly+matching&c=ZL1977](http://zebrafish.org/fish/lineAll.php?t=ZIRC_Catalog_ID&sverb=exactly+matching&c=ZL1977)

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

**Species:** Danio rerio

**Notes:** Allele with one point mutation

**Phenotype:** anterior macula, anterior neural tube, apoptotic process, brain, caudal fin, cell, cell cycle, cell death, cell division, central nervous system, central nervous system morphogenesis, chordate embryonic development, commissural neuron axon guidance, DNA replication, ectodermal placode development, endocrine pancreas, epiphysis, erythroid lineage cell, extension, eye, floor plate, forebrain, granulocyte, head, hindbrain, hindbrain commissure, hypochord, interneuron axon guidance, macrophage, Mauthner neuron, mitotic cell cycle, motor neuron, multicellular organism development, myeloid cell, myeloid lineage restricted progenitor cell, neural crest cell migration, neural plate, neuron, neutrophil, nucleate erythrocyte, olfactory placode, optic cup, otic vesicle, pancreas, pericardium, pharyngeal endoderm, pigment cell, posterior lateral line neuromast primordium migration, posterior lateral line primordium, post-vent region, primary motor neuron, pronephric tubule, protoneuromast, regulation of cell division, reticular formation, rhombomere 4 morphogenesis, Rohon-Beard neuron, solid lens vesicle, somite, somite specification, spinal cord interneuron, trunk, ventricular system, whole organism, yolk anterior macula, anterior neural tube (all 65)

**Affected Gene:** fbxo5tiy121

**Genomic Alteration:** tiy121

**Catalog Number:** ZL1977

**Database:** Zebrafish Lines at ZIRC

**Database Abbreviation:** ZIRC

**Availability:** frozen

**Organism Name:** fbxo5tiy121

**Record Creation Time:** 20230308T015228+0000

**Record Last Update:** 20260725T182851+0000

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## Ratings and Alerts

No rating or validation information has been found for fbxo5tiy121.

No alerts have been found for fbxo5tiy121.

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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.