

Resource Summary Report

Generated by [NIF](#) on Aug 29, 2026

[fbxo5tiy121](#)

RRID:ZIRC_ZL1977

Type: Organism

Proper Citation

RRID:ZIRC_ZL1977

Organism Information

URL:

http://zebrafish.org/fish/lineAll.php?t=ZIRC_Catalog_ID&sverb=exactly+matching&c=ZL1977

Proper Citation: RRID:ZIRC_ZL1977

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: 20260815T174552+0000

Ratings and Alerts

No rating or validation information has been found for fbxo5tiy121.

No alerts have been found for fbxo5tiy121.

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.