

Resource Summary Report

Generated by [RRID](#) on Jul 31, 2026

[tdgf1tz257/+ \(AB\)](#)

RRID:ZIRC_ZL90

Type: Organism

Proper Citation

RRID:ZIRC_ZL90

Organism Information

URL:

http://zebrafish.org/fish/lineAll.php?t=ZIRC_Catalog_ID&sverb=exactly+matching&c=ZL90

Proper Citation: RRID:ZIRC_ZL90

Description: Danio rerio with name from ZIRC.

Species: Danio rerio

Notes: Allele with one point mutation

Phenotype: anatomical system, anterior axial hypoblast, axis, brain, cardioblast migration to the midline involved in heart field formation, cell-cell adhesion involved in mesendodermal cell migration, cell migration involved in gastrulation, central nervous system, convergent extension involved in nephron morphogenesis, determination of digestive tract left/right asymmetry, determination of heart left/right asymmetry, dorsal/ventral pattern formation, embryo development, endocrine pancreas development, endoderm, endoderm formation, epiboly, epibranchial placode, extension, eye, facial placode, floor plate, forebrain, forebrain development, gastrulation with mouth forming second, germ ring, glossopharyngeal placode, gut, hatching gland, hatching gland cell, head, heart, heart jogging, heart tube, hypothalamus, immature eye, intestinal bulb primordium, larval heart development, lateral mesoderm, lens, mandibular neural crest, medial floor plate, mesendoderm development, mesoderm, mesoderm development, nervous system, neural crest cell migration, neural keel, neural plate, neural plate morphogenesis, neural tube, neural tube closure, neuroectoderm, nodal signaling pathway, notochord, olfactory placode, optic stalk, pancreatic bud, peripheral nervous system development, pineal complex, polster, post-vent region, prechordal plate, presumptive dorsal mesoderm, pronephric glomerulus morphogenesis, retina, retina layer formation, rhombomere 4, rhombomere 4 development, sensory system, shield, somite, spinal cord, tail bud, telencephalon, trunk, whole organism anatomical system, anterior axial hypoblast (all 77)

Affected Gene: [tdgf1tz257/+ \(AB\)](#)

Genomic Alteration: tz257

Catalog Number: ZL90

Background: AB

Database: Zebrafish Lines at ZIRC

Database Abbreviation: ZIRC

Availability: frozen

Organism Name: tdgf1tz257/+ (AB)

Record Creation Time: 20230308T015229+0000

Record Last Update: 20260725T182851+0000

Ratings and Alerts

No rating or validation information has been found for tdgf1tz257/+ (AB).

No alerts have been found for tdgf1tz257/+ (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.