

# Resource Summary Report

Generated by PRECISE-TBI on Sep 18, 2026

## lamc1hi2557Tg

RRID:ZIRC\_ZL9603

Type: Organism

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### Proper Citation

RRID:ZIRC\_ZL9603

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### Organism Information

**URL:**

[http://zebrafish.org/fish/lineAll.php?t=ZIRC\\_Catalog\\_ID&sverb=exactly+matching&c=ZL9603](http://zebrafish.org/fish/lineAll.php?t=ZIRC_Catalog_ID&sverb=exactly+matching&c=ZL9603)

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**Description:** Danio rerio with name Tg(nLacZ-GTvirus) from ZIRC.

**Species:** Danio rerio

**Notes:** Transgenic Insertion

**Phenotype:** actin filament organization, anterior/posterior axon guidance, axon extension, axon guidance, brain, brainstem and spinal white matter, cranial nerve II, detection of light stimulus involved in visual perception, extension, eye, fast muscle cell, fast muscle myoblast, forebrain midbrain boundary, forebrain ventricle, fourth ventricle, head, heart, hindbrain, intersegmental vessel, lens, mandibular arch skeleton, Mauthner neuron, midbrain hindbrain boundary, midbrain hindbrain boundary constriction, midbrain-hindbrain boundary morphogenesis, muscle cell migration, muscle organ morphogenesis, muscle tissue development, myotome, nervous system, neuroepithelial cell, notochord, notochord development, notochord formation, notochord morphogenesis, optokinetic behavior, pericardium, post-vent region, retina, retinal ganglion cell, retinal ganglion cell layer, retinal photoreceptor layer, sensory system, skeletal muscle fiber development, slow muscle cell, somite, spermatogenesis, tectal ventricle, testis, trunk, whole organism actin filament organization, anterior/posterior axon guidance (all 51)

**Affected Gene:** lamc1hi2557Tg

**Genomic Alteration:** hi2557Tg

**Catalog Number:** ZL9603

**Database:** Zebrafish Lines at ZIRC

**Database Abbreviation:** ZIRC

**Availability:** frozen

**Organism Name:** lamc1hi2557Tg

**Record Creation Time:** 20230308T015103+0000

**Record Last Update:** 20260912T192006+0000

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## Ratings and Alerts

No rating or validation information has been found for lamc1hi2557Tg.

No alerts have been found for lamc1hi2557Tg.

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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.