

Resource Summary Report

Generated by SPARC SAWG on Aug 9, 2026

lamc1hi4131Tg

RRID:ZIRC_ZL9575

Type: Organism

Proper Citation

RRID:ZIRC_ZL9575

Organism Information

URL:

http://zebrafish.org/fish/lineAll.php?t=ZIRC_Catalog_ID&sverb=exactly+matching&c=ZL9575

Proper Citation: RRID:ZIRC_ZL9575

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: lamc1hi4131Tg

Genomic Alteration: hi4131Tg

Catalog Number: ZL9575

Database: Zebrafish Lines at ZIRC

Database Abbreviation: ZIRC

Availability: frozen

Organism Name: lamc1hi4131Tg

Record Creation Time: 20230308T015104+0000

Record Last Update: 20260808T181926+0000

Ratings and Alerts

No rating or validation information has been found for lamc1hi4131Tg.

No alerts have been found for lamc1hi4131Tg.

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.