

Resource Summary Report

Generated by [NIF](#) on Aug 5, 2026

gle1hi4161aTg/+ (AB)

RRID:ZIRC_ZL1680

Type: Organism

Proper Citation

RRID:ZIRC_ZL1680

Organism Information

URL:

http://zebrafish.org/fish/lineAll.php?t=ZIRC_Catalog_ID&sverb=exactly+matching&c=ZL1680

Proper Citation: RRID:ZIRC_ZL1680

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

Species: Danio rerio

Notes: Transgenic Insertion

Phenotype: anatomical system, axon extension, central nervous system, ciliary marginal zone, determination of heart left/right asymmetry, embryonic viscerocranium morphogenesis, eye, gut, head, heart, heart looping, heart tube, immature Schwann cell, integument, intestinal epithelium, Kupffer's vesicle, liver, locomotion, locomotory behavior, motor neuron, nervous system, neuronal stem cell population maintenance, pectoral fin, pericardium, pharyngeal arch cartilage, poly(A)+ mRNA export from nucleus, posterior lateral line nerve, retina, retinal inner nuclear layer, retinal pigmented epithelium, sensory perception of touch, spinal cord, swim bladder inflation, trunk, ventral mandibular arch, whole organism anatomical system, axon extension (all 36)

Affected Gene: gle1hi4161aTg/+ (AB)

Genomic Alteration: hi4161aTg

Catalog Number: ZL1680

Background: AB

Database: Zebrafish Lines at ZIRC

Database Abbreviation: ZIRC

Availability: frozen

Organism Name: gle1hi4161aTg/+ (AB)

Record Creation Time: 20230308T015104+0000

Record Last Update: 20260801T182305+0000

Ratings and Alerts

No rating or validation information has been found for gle1hi4161aTg/+ (AB).

No alerts have been found for gle1hi4161aTg/+ (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.