

Resource Summary Report

Generated by SPARC SAWG on Jul 29, 2026

gpc4hi1934Tg/+ (AB)

RRID:ZIRC_ZL539

Type: Organism

Proper Citation

RRID:ZIRC_ZL539

Organism Information

URL:

http://zebrafish.org/fish/lineAll.php?t=ZIRC_Catalog_ID&sverb=exactly+matching&c=ZL539

Proper Citation: RRID:ZIRC_ZL539

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

Species: Danio rerio

Notes: Transgenic Insertion

Phenotype: adaxial cell, anterior neural plate, anterior-posterior polarized posterior lateral line neuromast, axis, axis elongation, cell, cell migration involved in gastrulation, cell morphogenesis, ceratobranchial 5 bone, ceratohyal cartilage, chondrocyte, convergent extension, convergent extension involved in axis elongation, convergent extension involved in gastrulation, cranial cartilage, dorsal convergence, dorsal lateral line neuromast, dorsal-ventral polarized posterior lateral line neuromast, endochondral bone, endochondral ossification, endoderm, endothelial cell, ethmoid cartilage, extension, eye, floor plate, forebrain, glycosaminoglycan metabolic process, head, head muscle, hypophyseal fenestra, interhyal cartilage, intermandibularis, Kupffer's vesicle, mandibular arch skeleton, maxilla, Meckel's cartilage, mesodermal cell migration, muscle cell migration, myotome, neural keel, neurocranial trabecula, notochord, notochord formation, notochord morphogenesis, notochord posterior region, ossification, palate, palatoquadrate cartilage, pancreas development, pancreatic bud, pharyngeal arch 3-7 skeleton, pharyngeal arch cartilage, post-anal tail morphogenesis, posterior lateral line neuromast primordium migration, posterior lateral line primordium, post-vent region, prechordal plate, pronephric duct, quadrate, quadrate-anguloarticular joint, retroarticular, rhombomere, slow muscle cell, somite, striated muscle cell development, symplectic, trunk, ventral fin fold, whole organism adaxial cell, anterior neural plate (all 70)

Affected Gene: gpc4hi1934Tg/+ (AB)

Genomic Alteration: hi1934Tg

Catalog Number: ZL539

Background: AB

Database: Zebrafish Lines at ZIRC

Database Abbreviation: ZIRC

Availability: frozen

Organism Name: gpc4hi1934Tg/+ (AB)

Record Creation Time: 20230308T015102+0000

Record Last Update: 20260725T182653+0000

Ratings and Alerts

No rating or validation information has been found for gpc4hi1934Tg/+ (AB).

No alerts have been found for gpc4hi1934Tg/+ (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.