

Resource Summary Report

Generated by [NIF](#) on Sep 2, 2026

polr1chi1124Tg/+ (AB)

RRID:ZIRC_ZL1176

Type: Organism

Proper Citation

RRID:ZIRC_ZL1176

Organism Information

URL:

http://zebrafish.org/fish/lineAll.php?t=ZIRC_Catalog_ID&sverb=exactly+matching&c=ZL1176

Proper Citation: RRID:ZIRC_ZL1176

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

Species: Danio rerio

Notes: Transgenic Insertion

Phenotype: cartilage development, ceratobranchial 5 tooth, ceratobranchial cartilage, ceratohyal cartilage, cranial cartilage, cranium, ethmoid cartilage, eye, gut, head, heart, liver, mandibular arch skeleton, Meckel's cartilage, midbrain hindbrain boundary, neural crest cell fate specification, neuroepithelial cell, opercle, ossification, palate, palatoquadrate cartilage, parasphenoid, pericardium, pharyngeal arch, pharyngeal arch 1, pharyngeal arch 2, pharyngeal arch 3-7, pharyngeal arch cartilage, ribosome biogenesis, rRNA transcription, swim bladder, ventral mandibular arch cartilage development, ceratobranchial 5 tooth (all 32)

Affected Gene: polr1chi1124Tg/+ (AB)

Genomic Alteration: hi1124Tg

Catalog Number: ZL1176

Background: AB

Database: Zebrafish Lines at ZIRC

Database Abbreviation: ZIRC

Availability: frozen

Organism Name: polr1chi1124Tg/+ (AB)

Record Creation Time: 20230308T015102+0000

Record Last Update: 20260829T174226+0000

Ratings and Alerts

No rating or validation information has been found for polr1chi1124Tg/+ (AB).

No alerts have been found for polr1chi1124Tg/+ (AB).

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Zebrafish Lines at ZIRC

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Lau MC, et al. (2016) Pathogenesis of POLR1C-dependent Type 3 Treacher Collins Syndrome revealed by a zebrafish model. Biochimica et biophysica acta, 1862(6), 1147.