Resource Summary Report

Generated by ASWG on Sep 16, 2026

rad21ahi2529Tg/+ (AB)

RRID:ZIRC_ZL1215
Type: Organism

Proper Citation

RRID:ZIRC_ZL1215

Organism Information

URL: http://zebrafish.org/fish/lineAll.php?t=ZIRC_Catalog_ID&sverb=exactly+matching&c=ZL1215

Proper Citation: RRID:ZIRC_ZL1215

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

Species: Danio rerio

Notes: Transgenic Insertion

Phenotype: atrioventricular valve, atrium, blood circulation, brain, cardiac neural crest, cardiac ventricle, cell, cell death, cell population proliferation, central nervous system, cranial cartilage, developmental growth, embryo development, enteric neuron, epidermis, eye, gut, head, heart, heart contraction, heart looping, melanocyte, mitotic cell cycle, mitotic M phase, mitotic sister chromatid cohesion, neural tube, neuron development, nucleate erythrocyte, pericardium, pharyngeal arch, post-vent region, regulation of transcription by RNA polymerase II, Rohon-Beard neuron, rRNA transcription, translation, trigeminal ganglion, trunk, ventriculo bulbo valve, whole organism atrioventricular valve, atrium (all 39)

Affected Gene: rad21ahi2529Tg/+ (AB)

Genomic Alteration: hi2529Tg

Catalog Number: ZL1215

Background: AB

Database: Zebrafish Lines at ZIRC

Database Abbreviation: ZIRC

Availability: frozen

Organism Name: rad21ahi2529Tg/+ (AB)

Record Creation Time: 20230308T015103+0000

Record Last Update: 20260912T192006+0000

Ratings and Alerts

No rating or validation information has been found for rad21ahi2529Tg/+ (AB).

No alerts have been found for rad21ahi2529Tg/+ (AB).

Data and Source Information

Source: Integrated Animals

Source Database: Zebrafish Lines at ZIRC

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at ASWG .

Vitoria Gomes M, et al. (2024) The cohesin ATPase cycle is mediated by specific conformational dynamics and interface plasticity of SMC1A and SMC3 ATPase domains. Cell reports, 43(9), 114656.

Idilli AI, et al. (2020) Rad21 Haploinsufficiency Prevents ALT-Associated Phenotypes in Zebrafish Brain Tumors. Genes, 11(12).