Resource Summary Report

Generated by RRID on Jul 31, 2026

wnt5bhi2735bTg/+ (AB)

RRID:ZIRC_ZL828
Type: Organism

Proper Citation

RRID:ZIRC_ZL828

Organism Information

URL: http://zebrafish.org/fish/lineAll.php?t=ZIRC_Catalog_ID&sverb=exactly+matching&c=ZL828

Proper Citation: RRID:ZIRC_ZL828

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

Species: Danio rerio

Notes: Transgenic Insertion

Phenotype: angiogenesis, anterior cerebral vein, anterior commissure, anterior neural plate, axial chorda mesoderm, axis, brain, cardiac conduction system, cartilage morphogenesis, caudal fin, cell migration, cell migration involved in gastrulation, central canal, ceratobranchial 5 bone, ceratobranchial cartilage, ceratohyal cartilage, chondrocyte, common cardinal vein, convergent extension, convergent extension involved in axis elongation, convergent extension involved in gastrulation, convergent extension involved in neural plate elongation, cranial cartilage, cranial nerve II, cranium, ectodermal cell, embryonic viscerocranium morphogenesis, endochondral bone, endochondral ossification, endocrine pancreas development, epiblast, epiboly, ethmoid cartilage, extension, eye, floor plate spinal cord region, forebrain, head, head muscle, heart contraction, hindbrain, hypoblast, intersegmental vessel, lymphangioblast cord, mandibular arch skeleton, Meckel''s cartilage, midbrain hindbrain boundary constriction, mid cerebral vein, mouth, nerve, nervous system, neural plate, notochord, notochord morphogenesis, notochord posterior region, ossification, otolith, palate, pancreas development, pharyngeal arch, pharyngeal arch 3-7 skeleton, pharyngeal arch cartilage, pharyngeal pouch 1, pharyngeal pouch 2, post-anal tail morphogenesis, posterior cardinal vein, posterior lateral line neuromast, postoptic commissure, post-vent region, protein localization, quadrate, quadrate-anguloarticular joint, retina layer formation, retinal inner plexiform layer, retroarticular, somite, spinal cord, symplectic, tail bud, thrombocyte, trunk, unidimensional cell growth, whole organism, Wnt signaling pathway, calcium modulating pathway angiogenesis, anterior cerebral vein (all 84)

Affected Gene: wnt5bhi2735bTg/+ (AB)

Genomic Alteration: hi2735bTg

Catalog Number: ZL828

Background: AB

Database: Zebrafish Lines at ZIRC

Database Abbreviation: ZIRC

Availability: frozen

Organism Name: wnt5bhi2735bTg/+ (AB)

Record Creation Time: 20230308T015232+0000

Record Last Update: 20260725T182856+0000

Ratings and Alerts

No rating or validation information has been found for wnt5bhi2735bTg/+ (AB).

No alerts have been found for wnt5bhi2735bTg/+ (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 RRID .

Ling IT, et al. (2017) Distinct requirements of wls, wnt9a, wnt5b and gpc4 in regulating chondrocyte maturation and timing of endochondral ossification. Developmental biology, 421(2), 219.

Rochard L, et al. (2016) Roles of Wnt pathway genes wls, wnt9a, wnt5b, frzb and gpc4 in regulating convergent-extension during zebrafish palate morphogenesis. Development (Cambridge, England), 143(14), 2541.