

Resource Summary Report

Generated by [RRID](#) on Jul 31, 2026

[hoxa13bw243; hoxd13aw244; tbxtaw181 \(AB\)](#)

RRID:ZIRC_ZL14547

Type: Organism

Proper Citation

RRID:ZIRC_ZL14547

Organism Information

URL:

http://zebrafish.org/fish/lineAll.php?t=ZIRC_Catalog_ID&sverb=exactly+matching&c=ZL14547

Proper Citation: RRID:ZIRC_ZL14547

Description: Danio rerio with name from ZIRC.

Species: Danio rerio

Notes: Allele with multiple variantsAllele with one delinsAllele with one insertion

Phenotype: adaxial cell, angioblast cell migration from lateral mesoderm to midline, blood circulation, calmodulin-dependent protein kinase activity, caudal fin, convergent extension involved in nephron morphogenesis, determination of digestive tract left/right asymmetry, determination of heart left/right asymmetry, determination of left/right symmetry, determination of liver left/right asymmetry, determination of pancreatic left/right asymmetry, digestive tract development, dorsal aorta, embryonic heart tube left/right pattern formation, epithalamus, extension, fin, floor plate, gut, habenula, head, heart looping, heart rudiment, heart tube, horizontal myoseptum, Kupffer's vesicle, Kupffer's vesicle development, lateral mesoderm morphogenesis, lateral plate mesoderm, liver, liver development, medial floor plate, melanocyte, mesoderm development, myoseptum, nervous system, neuromast, nodal signaling pathway involved in determination of left/right asymmetry, notochord, notochord, notochord cell differentiation, notochord development, notochord formation, notochord posterior region, pancreas, pancreas development, pectoral fin development, pectoral fin lepidotrichium, pericardium, post-anal tail morphogenesis, post-vent region, post-vent region, primitive heart tube, pronephric glomerulus morphogenesis, protein autophosphorylation, Rohon-Beard neuron, somite, striated muscle cell differentiation, trunk, vasculogenesis, whole organism adaxial cell, angioblast cell migration from lateral mesoderm to midline (all 61)

Affected Gene: hoxa13bw243; hoxd13aw244; tbxtaw181 (AB)

Genomic Alteration: w181

Catalog Number: ZL14547

Background: AB

Database: Zebrafish Lines at ZIRC

Database Abbreviation: ZIRC

Availability: frozen

Organism Name: hoxa13bw243; hoxd13aw244; tbxtaw181 (AB)

Record Creation Time: 20230308T015230+0000

Record Last Update: 20260725T182853+0000

Ratings and Alerts

No rating or validation information has been found for hoxa13bw243; hoxd13aw244; tbxtaw181 (AB).

No alerts have been found for hoxa13bw243; hoxd13aw244; tbxtaw181 (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.