

Resource Summary Report

Generated by [dkNET](#) on Aug 8, 2026

pkd2hi4166Tg

RRID:ZIRC_ZL1990

Type: Organism

Proper Citation

RRID:ZIRC_ZL1990

Organism Information

URL:

http://zebrafish.org/fish/lineAll.php?t=ZIRC_Catalog_ID&sverb=exactly+matching&c=ZL1990

Proper Citation: RRID:ZIRC_ZL1990

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

Species: Danio rerio

Notes: Transgenic Insertion

Phenotype: atrioventricular canal endocardium, atrioventricular canal morphogenesis, atrioventricular valve, blood vessel, brain, calmodulin-dependent protein kinase activity, caudal fin, cell migration, cell proliferation involved in pronephros development, cloacal chamber, determination of digestive tract left/right asymmetry, determination of heart left/right asymmetry, determination of left/right asymmetry in lateral mesoderm, determination of left/right symmetry, digestive system, gut, head, heart, heart contraction, heart looping, hematopoietic progenitor cell differentiation, hypoblast, inner ear, Kupffer's vesicle, Kupffer's vesicle development, notochord, pericardium, posteromedial glomerulus, post-vent region, pronephric duct, pronephric duct opening, pronephric glomerulus, pronephric tubule, pronephros, pronephros morphogenesis, protein autophosphorylation, proximal convoluted tubule development, regulation of cardiac muscle contraction by calcium ion signaling, regulation of collagen biosynthetic process, renal glomerulus, thoracic duct, trunk, vent, ventral wall of dorsal aorta, ventricular cardiac muscle cell action potential, ventriculo bulbo valve development, ventriculo bulbo valve morphogenesis, whole organism atrioventricular canal endocardium, atrioventricular canal morphogenesis (all 48)

Affected Gene: pkd2hi4166Tg

Genomic Alteration: hi4166Tg

Catalog Number: ZL1990

Database: Zebrafish Lines at ZIRC

Database Abbreviation: ZIRC

Availability: frozen

Organism Name: pkd2hi4166Tg

Record Creation Time: 20230308T015104+0000

Record Last Update: 20260808T181926+0000

Ratings and Alerts

No rating or validation information has been found for pkd2hi4166Tg.

No alerts have been found for pkd2hi4166Tg.

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.