

Resource Summary Report

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

foxd3zdf10/+ (AB)

RRID:ZIRC_ZL1381

Type: Organism

Proper Citation

RRID:ZIRC_ZL1381

Organism Information

URL:

http://zebrafish.org/fish/lineAll.php?t=ZIRC_Catalog_ID&sverb=exactly+matching&c=ZL1381

Proper Citation: RRID:ZIRC_ZL1381

Description: Danio rerio with name from ZIRC.

Species: Danio rerio

Notes: Allele with one small deletion

Phenotype: autonomic nervous system development, basihyal cartilage, cartilage morphogenesis, ceratobranchial cartilage, ceratohyal cartilage, closure of optic fissure, cranial nerve X, dorsal root ganglion, embryonic viscerocranium morphogenesis, enteric nervous system, ethmoid cartilage, eye, facial ganglion, glossopharyngeal ganglion, head, hyosymplectic cartilage, iridophore, mandibular arch skeleton, Meckel's cartilage, melanocyte, melanocyte differentiation, nervous system, optic cup, optic cup morphogenesis involved in camera-type eye development, pericardium, peripheral nervous system, peripheral nervous system development, pharyngeal arch 1, pharyngeal arch 2, pharyngeal arch 2 skeleton, pharyngeal arch 3-7, pharyngeal arch 3-7 skeleton, pharyngeal arch cartilage, pigmentation, posterior lateral line, posterior lateral line ganglion, post-vent region, somite, somite border, sympathetic nervous system, sympathetic neuron, tail bud, trabecula communis, trunk, vagal ganglion, whole organism, xanthophore autonomic nervous system development, basihyal cartilage (all 47)

Affected Gene: [foxd3zdf10/+ \(AB\)](#)

Genomic Alteration: [zdf10](#)

Catalog Number: ZL1381

Background: AB

Database: Zebrafish Lines at ZIRC

Database Abbreviation: ZIRC

Availability: frozen

Organism Name: foxd3zdf10/+ (AB)

Record Creation Time: 20230308T015231+0000

Record Last Update: 20260725T182855+0000

Ratings and Alerts

No rating or validation information has been found for foxd3zdf10/+ (AB).

No alerts have been found for foxd3zdf10/+ (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](#) .

Faucz FR, et al. (2023) Embryonic stem cell factor FOXD3 (Genesis) defects in gastrointestinal stromal tumors. Endocrine-related cancer, 30(10).

Monnot P, et al. (2022) Intertissue mechanical interactions shape the olfactory circuit in zebrafish. EMBO reports, 23(2), e52963.