

Resource Summary Report

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

smad5tc227a/+ (AB)

RRID:ZIRC_ZL1050

Type: Organism

Proper Citation

RRID:ZIRC_ZL1050

Organism Information

URL:

http://zebrafish.org/fish/lineAll.php?t=ZIRC_Catalog_ID&sverb=exactly+matching&c=ZL1050

Proper Citation: RRID:ZIRC_ZL1050

Description: Danio rerio with name from ZIRC.

Species: Danio rerio

Notes: Allele with one point mutation

Phenotype: anal fin, blood circulation, caudal fin, caudal vein, caudal vein plexus, ceratohyal cartilage, cloacal chamber, dorsal/ventral pattern formation, ectodermal cell fate commitment, embryonic retina morphogenesis in camera-type eye, embryonic viscerocranium morphogenesis, epiphysis, erythroid lineage cell, ethmoid cartilage, fin, floor plate, heart looping, hindbrain, interneuron, locus ceruleus development, Meckel's cartilage, median fin fold, monocyte, mouth, notochord, nucleate erythrocyte, otic placode, paraxial mesoderm, pharyngeal arch, pharyngeal arch 2, pharyngeal arch 3-7 skeleton, pharyngeal arch 6, pharyngeal arch 7, pharyngeal arch cartilage, pharyngeal pouch 2, post-anal tail morphogenesis, posterior lateral line neuromast, post-vent region, pronephric duct, pronephros, retina, rhombomere 3, rhombomere 5, Rohon-Beard neuron, roof of mouth development, somite, splanchnocranium, surface structure, tail bud, thoracic duct, trabecula cranii, trigeminal sensory neuron, trunk, trunk neural crest cell, ventral fin fold, whole organism anal fin, blood circulation (all 56)

Affected Gene: smad5tc227a/+ (AB)

Genomic Alteration: tc227a

Catalog Number: ZL1050

Background: AB

Database: Zebrafish Lines at ZIRC

Database Abbreviation: ZIRC

Availability: frozen

Organism Name: smad5tc227a/+ (AB)

Record Creation Time: 20230308T015626+0000

Record Last Update: 20260725T183411+0000

Ratings and Alerts

No rating or validation information has been found for smad5tc227a/+ (AB).

No alerts have been found for smad5tc227a/+ (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.