

Resource Summary Report

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

pals1am227/+ (AB)

RRID:ZIRC_ZL83

Type: Organism

Proper Citation

RRID:ZIRC_ZL83

Organism Information

URL:

http://zebrafish.org/fish/lineAll.php?t=ZIRC_Catalog_ID&sverb=exactly+matching&c=ZL83

Proper Citation: RRID:ZIRC_ZL83

Description: Danio rerio with name from ZIRC.

Species: Danio rerio

Notes: Allele with one point mutation

Phenotype: anatomical system, anterior commissure, apical junction assembly, blood circulation, brain, brain development, cardiac muscle cell, central canal, cornea, corneal epithelial cell, corneal epithelium, corneal stroma, cranial nerve II, dorsal aorta, dorsal motor nucleus of vagus nerve development, dorsolateral motor nucleus of vagal nerve, embryonic retina morphogenesis in camera-type eye, establishment or maintenance of apical/basal cell polarity, establishment or maintenance of epithelial cell apical/basal polarity, exit from mitosis, eye, eye pigmentation, forebrain, fourth ventricle, gut, head, heart, heart morphogenesis, heart tube, hindbrain, lens, lens development in camera-type eye, lens epithelium, lens fiber cell, melanocyte, melanocyte differentiation, midbrain hindbrain boundary, midbrain-hindbrain boundary morphogenesis, motor neuron precursor migration involved in dorsal motor nucleus of vagus nerve formation, nervous system, neural tube, neural tube formation, neuroepithelial cell, optic cup, pericardial cavity, pericardium, pigment cell, postoptic commissure, post-vent region, pronephric glomerulus, pronephric glomerulus development, pronephric podocyte, pronephros development, retina, retina layer formation, retinal inner plexiform layer, retinal neural layer, retinal outer plexiform layer, retinal pigmented epithelium, sensory system, trunk, vagal ganglion, ventricular system, whole organism anatomical system, anterior commissure (all 64)

Affected Gene: pals1am227/+ (AB)

Genomic Alteration: m227

Catalog Number: ZL83

Background: AB

Database: Zebrafish Lines at ZIRC

Database Abbreviation: ZIRC

Availability: frozen

Organism Name: pals1am227/+ (AB)

Record Creation Time: 20230308T015220+0000

Record Last Update: 20260725T182838+0000

Ratings and Alerts

No rating or validation information has been found for pals1am227/+ (AB).

No alerts have been found for pals1am227/+ (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.