

Resource Summary Report

Generated by [NIF](#) on Aug 31, 2026

hdac1hi1618Tg/+ (AB)

RRID:ZIRC_ZL540

Type: Organism

Proper Citation

RRID:ZIRC_ZL540

Organism Information

URL:

http://zebrafish.org/fish/lineAll.php?t=ZIRC_Catalog_ID&sverb=exactly+matching&c=ZL540

Proper Citation: RRID:ZIRC_ZL540

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

Species: Danio rerio

Notes: Transgenic Insertion

Phenotype: atrium, blood, blood circulation, brain, bulbus arteriosus, cardiac ventricle, cartilage element, caudal fin, ceratobranchial cartilage, ceratohyal cartilage, ciliary marginal zone, CNS neuron (sensu Vertebrata), cranial cartilage, dorsal root ganglion, embryo development, endocrine cell, endodermal cell, exocrine pancreas, exocrine pancreas development, extension, eye, facial nerve motor nucleus, forebrain ventricle, gut, hatching, head, heart, heart contraction, heart looping, hematopoietic stem cell differentiation, hindbrain, hindbrain development, hyosymplectic cartilage, lens, liver, liver development, mandibular arch skeleton, Meckel's cartilage, melanocyte, melanocyte differentiation, melanocyte migration, melanophore stripe, motor neuron, nervous system, neuromast development, neuron migration, notochord, optic fissure, optic tectum, otic vesicle, otolith, palatoquadrate cartilage, pancreas, pancreatic acinar gland, pectoral fin, pectoral fin cartilage, pericardium, pharyngeal arch 1, pharyngeal arch 2, pharyngeal arch 3-7, pharyngeal arch 3-7 skeleton, pigmentation, pigment cell, posterior lateral line neuromast, post-vent region, presumptive bulbus arteriosus, regulation of cell cycle, retina, retina layer formation, retinal neural layer, retinal pigmented epithelium, retina morphogenesis in camera-type eye, rhombomere boundary formation, secondary heart field specification, smooth muscle, snout, somite, statoacoustic (VIII) ganglion, swim bladder, thymus primordium, trunk, ventral wall of dorsal aorta, whole organism, yolk atrium, blood (all 84)

Affected Gene: hdac1hi1618Tg/+ (AB)

Genomic Alteration: hi1618Tg

Catalog Number: ZL540

Background: AB

Database: Zebrafish Lines at ZIRC

Database Abbreviation: ZIRC

Availability: frozen

Organism Name: hdac1hi1618Tg/+ (AB)

Record Creation Time: 20230308T015102+0000

Record Last Update: 20260829T174226+0000

Ratings and Alerts

No rating or validation information has been found for hdac1hi1618Tg/+ (AB).

No alerts have been found for hdac1hi1618Tg/+ (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.