

Resource Summary Report

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

mib1hi904Tg/+ (AB)

RRID:ZIRC_ZL502

Type: Organism

Proper Citation

RRID:ZIRC_ZL502

Organism Information

URL:

http://zebrafish.org/fish/lineAll.php?t=ZIRC_Catalog_ID&sverb=exactly+matching&c=ZL502

Proper Citation: RRID:ZIRC_ZL502

Description: Danio rerio with name Tg(F5) from ZIRC.

Species: Danio rerio

Notes: Transgenic Insertion

Phenotype: anterior commissure, anterior crista, anterior lateral line placode, apoptotic process, artery, auditory epithelial support cell, auditory receptor cell fate specification, axon guidance, blood circulation, blood vessel endothelial cell migration, brain, caudal fin, caudal tuberculum, cell death, cell differentiation involved in pronephros development, central canal, central nervous system, CiD, CoSA, cranial nerve II, cristae formation, determination of left/right symmetry, dorsal aorta, dorsoventral diencephalic tract, ectoderm development, embryonic pattern specification, endothelial cell, endothelial cell development, enterocyte differentiation, epidermal cell fate specification, epiphysis, eye, floor plate formation, forebrain, fourth ventricle, generation of neurons, gut, habenula, habenula development, hair cell anterior macula, hair cell posterior macula, head, heart looping, hematopoietic stem cell differentiation, hindbrain, hindbrain commissure, hindbrain development, hindbrain interneuron, hindbrain neural keel, inner ear, integument, intersegmental vessel, intestinal epithelium, ionocyte progenitor cell, lapillus, lateral floor plate, mandibular arch skeleton, Mauthner neuron, medial longitudinal fasciculus, melanocyte, midbrain hindbrain boundary, motor behavior, musculoskeletal movement, NaK ionocyte, nervous system, neural plate, neural retina development, neural tube, neural tube development, neuroepithelial cell, neurogenesis, notochord, optic cup, optic tectum, otic placode formation, otic vesicle, otolith, otolith development, pectoral fin, pectoral fin endoskeletal disc, pectoral fin fold, pectoral fin musculature, pericardium, pharyngeal arch 3, pharyngeal vasculature, pigment cell, polster, posterior cardinal vein, posterior crista, posterior lateral line ganglion, posterior lateral line neuromast, posterior

lateral line neuromast primordium migration, posterior lateral line placode, posterior lateral line primordium, postoptic commissure, post-vent region, primary neuron, pronephric duct, pronephric tubule, pronephros, response to external stimulus, retina, retina layer formation, retinal ganglion cell, retinal neural layer, rhombic lip, rhombomere, rhombomere boundary formation, Rohon-Beard neuron, roof plate spinal cord region, sagitta, secondary motor neuron, semicircular canal, sensory system, somite, somite 2, somite 3, somite 4, somite 5, somite border, somitogenesis, spinal cord, spinal cord development, spinal cord motor neuron differentiation, statoacoustic (VIII) ganglion, swimming behavior, taste bud, taste bud formation, tela chorioidea, thyroid gland development, thyroid primordium, trigeminal ganglion, trigeminal placode, trunk, vasculogenesis, VeLD, ventral spinal cord interneuron differentiation, ventral spinal cord interneuron specification, ventral wall of dorsal aorta, vH ionocyte, whole organism, yolk anterior commissure, anterior crista (all 142)

Affected Gene: mib1hi904Tg/+ (AB)

Genomic Alteration: hi904Tg

Catalog Number: ZL502

Background: AB

Database: Zebrafish Lines at ZIRC

Database Abbreviation: ZIRC

Availability: frozen

Organism Name: mib1hi904Tg/+ (AB)

Record Creation Time: 20230308T015104+0000

Record Last Update: 20260725T182655+0000

Ratings and Alerts

No rating or validation information has been found for mib1hi904Tg/+ (AB).

No alerts have been found for mib1hi904Tg/+ (AB).

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Zebrafish Lines at ZIRC

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Hortopan GA, et al. (2011) Aberrant expression of genes necessary for neuronal development and Notch signaling in an epileptic mind bomb zebrafish. *Developmental dynamics* : an official publication of the American Association of Anatomists, 240(8), 1964.