

Resource Summary Report

Generated by [NIF](#) on Aug 26, 2026

bocty54z/+ (AB)

RRID:ZIRC_ZL908

Type: Organism

Proper Citation

RRID:ZIRC_ZL908

Organism Information

URL:

http://zebrafish.org/fish/lineAll.php?t=ZIRC_Catalog_ID&sverb=exactly+matching&c=ZL908

Proper Citation: RRID:ZIRC_ZL908

Description: Danio rerio with name from ZIRC.

Species: Danio rerio

Notes: Allele with one point mutation

Phenotype: adenohypophysis, adenohypophysis development, axon extension involved in axon guidance, axon guidance, caudal commissure, cranial nerve II, diencephalon, dorsal/ventral axon guidance, dorsoventral diencephalic tract, embryonic viscerocranium morphogenesis, forebrain, forebrain development, forebrain regionalization, lateral floor plate, midbrain, neurocranial trabecula, postoptic commissure, post-vent region, regulation of smoothened signaling pathway, retinal ganglion cell, retinal ganglion cell axon guidance, skeletal muscle fiber development, slow muscle cell, spinal cord dorsal/ventral patterning, tract of the postoptic commissure, trunk, ventral mandibular arch, whole organism adenohypophysis, adenohypophysis development (all 28)

Affected Gene: bocty54z/+ (AB)

Genomic Alteration: ty54z

Catalog Number: ZL908

Background: AB

Database: Zebrafish Lines at ZIRC

Database Abbreviation: ZIRC

Availability: frozen

Organism Name: bocty54z/+ (AB)

Record Creation Time: 20230308T015229+0000

Record Last Update: 20260815T174552+0000

Ratings and Alerts

No rating or validation information has been found for bocty54z/+ (AB).

No alerts have been found for bocty54z/+ (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.