

Resource Summary Report

Generated by [NIF](#) on Aug 9, 2026

ihhahu2131

RRID:ZIRC_ZL3228

Type: Organism

Proper Citation

RRID:ZIRC_ZL3228

Organism Information

URL:

http://zebrafish.org/fish/lineAll.php?t=ZIRC_Catalog_ID&sverb=exactly+matching&c=ZL3228

Proper Citation: RRID:ZIRC_ZL3228

Description: Danio rerio with name from ZIRC.

Species: Danio rerio

Notes: Allele with one point mutation

Phenotype: anterior chamber swim bladder, cell population proliferation, ceratohyal cartilage, endochondral ossification, enteric neuron, eye, gut, gut epithelium, head, interopercle, intestinal epithelium, intramembranous bone, intramembranous ossification, Meckel's cartilage, opercle, osteoblast differentiation, osteoblast proliferation, osteoclast differentiation, pancreas, pharyngeal arch 7 skeleton, pneumatic duct, smoothened signaling pathway, swim bladder, swim bladder bud, swim bladder development, swim bladder formation, swim bladder morphogenesis, trunk anterior chamber swim bladder, cell population proliferation (all 28)

Affected Gene: ihhahu2131

Genomic Alteration: hu2131

Catalog Number: ZL3228

Database: Zebrafish Lines at ZIRC

Database Abbreviation: ZIRC

Availability: frozen

Organism Name: ihhahu2131

Record Creation Time: 20230308T015104+0000

Record Last Update: 20260808T181927+0000

Ratings and Alerts

No rating or validation information has been found for ihhahu2131.

No alerts have been found for ihhahu2131.

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.