

Resource Summary Report

Generated by [NIF](#) on Sep 12, 2026

chrna1b107/+ (AB)

RRID:ZIRC_ZL72

Type: Organism

Proper Citation

RRID:ZIRC_ZL72

Organism Information

URL:

http://zebrafish.org/fish/lineAll.php?t=ZIRC_Catalog_ID&sverb=exactly+matching&c=ZL72

Proper Citation: RRID:ZIRC_ZL72

Description: Danio rerio with name from ZIRC.

Species: Danio rerio

Notes: Allele with one small deletion

Phenotype: acetylcholine receptor activity, axon guidance, behavior, behavioral response to nicotine, ceratohyal cartilage, chondrocyte, embryonic cranial skeleton morphogenesis, fast-twitch skeletal muscle fiber contraction, hatching, locomotion, membrane repolarization, mouth, muscle, muscle cell, musculoskeletal movement, myotome, neuromuscular synaptic transmission, notochord, pericardium, pharyngeal arch 3-7 skeleton, pharyngeal arch cartilage, post-vent region, response to external stimulus, Rohon-Beard neuron, sensory neuron, skeletal muscle, skeletal muscle cell, synaptic transmission, cholinergic, thigmotaxis, trunk musculature, whole organism acetylcholine receptor activity, axon guidance (all 31)

Affected Gene: chrna1b107/+ (AB)

Genomic Alteration: b107

Catalog Number: ZL72

Background: AB

Database: Zebrafish Lines at ZIRC

Database Abbreviation: ZIRC

Availability: frozen

Organism Name: chrna1b107/+ (AB)

Record Creation Time: 20230308T015100+0000

Record Last Update: 20260912T192003+0000

Ratings and Alerts

No rating or validation information has been found for chrna1b107/+ (AB).

No alerts have been found for chrna1b107/+ (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.