

# Resource Summary Report

Generated by NIF on Sep 12, 2026

## chrna1b107/+ (AB)

RRID:ZIRC\_ZL72

Type: Organism

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### Proper Citation

RRID:ZIRC\_ZL72

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### Organism Information

**URL:**

[http://zebrafish.org/fish/lineAll.php?t=ZIRC\\_Catalog\\_ID&sverb=exactly+matching&c=ZL72](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

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## Ratings and Alerts

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

No alerts have been found for chrna1b107/+ (AB).

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** Zebrafish Lines at ZIRC

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.