

# Resource Summary Report

Generated by PRECISE-TBI on Sep 8, 2026

## gata1am651/+ (AB)

RRID:ZIRC\_ZL2155

Type: Organism

### Proper Citation

RRID:ZIRC\_ZL2155

### Organism Information

**URL:**

[http://zebrafish.org/fish/lineAll.php?t=ZIRC\\_Catalog\\_ID&sverb=exactly+matching&c=ZL2155](http://zebrafish.org/fish/lineAll.php?t=ZIRC_Catalog_ID&sverb=exactly+matching&c=ZL2155)

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**Description:** Danio rerio with name from ZIRC.

**Species:** Danio rerio

**Notes:** Allele with one point mutation

**Phenotype:** anatomical system, atrial endocardium, atrioventricular canal, atrioventricular valve, blood, common cardinal vein, dorsal aorta, erythrocyte differentiation, heme biosynthetic process, macrophage differentiation, monocyte differentiation, myeloid cell, nucleate erythrocyte, nucleate erythrocyte development, nucleate erythrocyte maturation, primitive hemopoiesis, ventriculo bulbo valve, whole organism anatomical system, atrial endocardium (all 18)

**Affected Gene:** gata1am651/+ (AB)

**Genomic Alteration:** m651

**Catalog Number:** ZL2155

**Background:** AB

**Database:** Zebrafish Lines at ZIRC

**Database Abbreviation:** ZIRC

**Availability:** frozen

**Organism Name:** gata1am651/+ (AB)

**Record Creation Time:** 20230308T015220+0000

**Record Last Update:** 20260905T125050+0000

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## Ratings and Alerts

No rating or validation information has been found for gata1am651/+ (AB).

No alerts have been found for gata1am651/+ (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 found 1 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [PRECISE-TBI](#) .

He J, et al. (2024) Plxnd1-mediated mechanosensing of blood flow controls the caliber of the Dorsal Aorta via the transcription factor Klf2. bioRxiv : the preprint server for biology.