

Resource Summary Report

Generated by [kravitz2](#) on Sep 16, 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

Proper Citation: RRID:ZIRC_ZL2155

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: 20260912T192153+0000

Ratings and Alerts

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

No alerts have been found for gata1am651/+ (AB).

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Zebrafish Lines at ZIRC

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

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.