

Resource Summary Report

Generated by [SPARC SAWG](#) on Jul 28, 2026

TAL3112

RRID:Addgene_41286

Type: Plasmid

Proper Citation

RRID:Addgene_41286

Plasmid Information

URL: <http://www.addgene.org/41286>

Proper Citation: RRID:Addgene_41286

Insert Name: ZebrafishCommunity-mcu-Left

Organism: Danio rerio

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:21822241](#)

Vector Backbone Description: Backbone Marker:Addgene plasmid #32287; Backbone Size:6447; Vector Backbone:JDS71; Vector Types:Mammalian Expression, T7; Bacterial Resistance:Ampicillin

Comments: Target binding site: TGCGAAAGTGTGTAGATC It is strongly recommended that users perform a diagnostic digest to verify this plasmid prior to use. For example, a double digest of the plasmid with BamHI and KpnI should result in two bands at 2.3kb and 5.8kb.

Plasmid Name: TAL3112

Record Creation Time: 20220422T222214+0000

Record Last Update: 20260725T074651+0000

Ratings and Alerts

No rating or validation information has been found for TAL3112.

No alerts have been found for TAL3112.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Langenbacher AD, et al. (2020) Mitochondrial Calcium Uniporter Deficiency in Zebrafish Causes Cardiomyopathy With Arrhythmia. *Frontiers in physiology*, 11, 617492.