

# Resource Summary Report

Generated by [NIF](#) on Aug 21, 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:** 20260815T081444+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 [NIF](#) .

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