

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 12, 2026

pDONR221-kcnma1a

RRID:Addgene_164951

Type: Plasmid

Proper Citation

RRID:Addgene_164951

Plasmid Information

URL: <http://www.addgene.org/164951>

Proper Citation: RRID:Addgene_164951

Insert Name: kcnma1a

Organism: Danio rerio

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:33728688](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:2550; Vector Backbone:pDONR221; Vector Types:PCR cloning vector; Bacterial Resistance:Kanamycin

Comments: The DNA sequence was amplified from pooled wild type TAB zebrafish embryos. There is a likely polymorphism, N416D, which is not listed in the current ENSEMBL database. This is possibly due to incomplete zebrafish genome annotation, GRCz11. But this will not impact the result of whole mount in situ hybridization

Plasmid Name: pDONR221-kcnma1a

Record Creation Time: 20220422T221931+0000

Record Last Update: 20260808T081138+0000

Ratings and Alerts

No rating or validation information has been found for pDONR221-kcnma1a.

No alerts have been found for pDONR221-kcnma1a.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.