

Resource Summary Report

Generated by [RRID](#) on Aug 20, 2026

pDONR221-kcnj20

RRID:Addgene_173150

Type: Plasmid

Proper Citation

RRID:Addgene_173150

Plasmid Information

URL: <http://www.addgene.org/173150>

Proper Citation: RRID:Addgene_173150

Insert Name: kcnj20

Organism: Danio rerio

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:34558132](#)

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

Comments: This gene was cloned from a pool of mixed zebrafish embryos (1-3dpf) using RT-PCR. The DNA sequences were amplified from pooled wild type TAB zebrafish embryos. R54C (compared to XM_021466526.1) is likely a polymorphisms, which are not listed in the current ENSEMBL database. This is possibly due to incomplete zebrafish genome annotation, GRCz11. However, this will not affect the result of whole-mount in situ hybridization

Plasmid Name: pDONR221-kcnj20

Record Creation Time: 20220422T222004+0000

Record Last Update: 20260815T081031+0000

Ratings and Alerts

No rating or validation information has been found for pDONR221-kcnj20.

No alerts have been found for pDONR221-kcnj20.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.