

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

pENTR-D-TOPO-kcnt2a

RRID:Addgene_164963

Type: Plasmid

Proper Citation

RRID:Addgene_164963

Plasmid Information

URL: <http://www.addgene.org/164963>

Proper Citation: RRID:Addgene_164963

Insert Name: kcnt2a

Organism: Danio rerio

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:33728688](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:2580; Vector Backbone:pENTR-D-TOPO; Vector Types:PCR cloning vector; Bacterial Resistance:Kanamycin

Comments: The DNA sequences were amplified from pooled wild type TAB zebrafish embryos. There are likely polymorphisms, N454D and D531E, which are 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: pENTR-D-TOPO-kcnt2a

Record Creation Time: 20220422T221932+0000

Record Last Update: 20260725T074200+0000

Ratings and Alerts

No rating or validation information has been found for pENTR-D-TOPO-kcnt2a.

No alerts have been found for pENTR-D-TOPO-kcnt2a.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.