

Resource Summary Report

Generated by [RRID](#) on Aug 30, 2026

[Kv7.5/pcDNA3.1](#)

RRID:Addgene_111498

Type: Plasmid

Proper Citation

RRID:Addgene_111498

Plasmid Information

URL: <http://www.addgene.org/111498>

Proper Citation: RRID:Addgene_111498

Insert Name: potassium voltage-gated channel subfamily KQT member 5 isoform 1 [Homo sapiens]

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:29429937](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Vector Backbone:pcDNA3.1; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Plasmid contains S296Y in KCNQ5. Mutation not known to affect plasmid function.

Plasmid Name: Kv7.5/pcDNA3.1

Record Creation Time: 20220422T221543+0000

Record Last Update: 20260829T075131+0000

Ratings and Alerts

No rating or validation information has been found for Kv7.5/pcDNA3.1.

No alerts have been found for Kv7.5/pcDNA3.1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.