

Resource Summary Report

Generated by [RRID](#) on Aug 21, 2026

pENTR-L5-Kir2.1-mCherry-L2

RRID:Addgene_32669

Type: Plasmid

Proper Citation

RRID:Addgene_32669

Plasmid Information

URL: <http://www.addgene.org/32669>

Proper Citation: RRID:Addgene_32669

Insert Name: Kir2.1-mCherry

Organism: Mus musculus

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:21772812](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Vector Backbone:pDONR221 P5-P2; Vector Types:Gateway Cloning; Bacterial Resistance:Kanamycin

Plasmid Name: pENTR-L5-Kir2.1-mCherry-L2

Record Creation Time: 20220422T222142+0000

Record Last Update: 20260815T081343+0000

Ratings and Alerts

No rating or validation information has been found for pENTR-L5-Kir2.1-mCherry-L2.

No alerts have been found for pENTR-L5-Kir2.1-mCherry-L2.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

McNamara HM, et al. (2018) Geometry-Dependent Arrhythmias in Electrically Excitable Tissues. *Cell systems*, 7(4), 359.

Zhang H, et al. (2016) Optical electrophysiology for probing function and pharmacology of voltage-gated ion channels. *eLife*, 5.

Pujol FM, et al. (2016) HIV-1 Vpu Antagonizes CD317/Tetherin by Adaptor Protein-1-Mediated Exclusion from Virus Assembly Sites. *Journal of virology*, 90(15), 6709.

Park J, et al. (2013) Screening fluorescent voltage indicators with spontaneously spiking HEK cells. *PloS one*, 8(12), e85221.