

Resource Summary Report

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

pTetO-Kir2.1-IRES-TLZ

RRID:Addgene_32642

Type: Plasmid

Proper Citation

RRID:Addgene_32642

Plasmid Information

URL: <http://www.addgene.org/32642>

Proper Citation: RRID:Addgene_32642

Insert Name: tetO-Kir2.1-IRES-TLZ

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:15157418](#)

Vector Backbone Description: Backbone Marker:Stratagene; Vector Backbone:pBlueScript; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: Addgene's sequencing results identified a single nucleotide a single nucleotide deletion at bp#1135 when compared to the author's sequence. The insert is upstream of the coding region and should not be a concern for the intended purpose of the plasmid. Silent mutations in Kir2.1 that do not affect the amino acid sequence were also found in Addgene's sequencing results.

Plasmid Name: pTetO-Kir2.1-IRES-TLZ

Record Creation Time: 20220422T222142+0000

Record Last Update: 20260725T074553+0000

Ratings and Alerts

No rating or validation information has been found for pTetO-Kir2.1-IRES-TLZ.

No alerts have been found for pTetO-Kir2.1-IRES-TLZ.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Shayya HJ, et al. (2022) ER stress transforms random olfactory receptor choice into axon targeting precision. Cell, 185(21), 3896.