

Resource Summary Report

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

[pIRES:hTRAAK](#)

RRID:Addgene_133080

Type: Plasmid

Proper Citation

RRID:Addgene_133080

Plasmid Information

URL: <http://www.addgene.org/133080>

Proper Citation: RRID:Addgene_133080

Insert Name: Potassium channel subfamily K member 4 (KCNK4, TRAAK)

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:25500157](#)

Vector Backbone Description: Backbone Marker:Clonetech; Vector Backbone:pIRES2 EGFP; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: pIRES:hTRAAK

Record Creation Time: 20220422T221737+0000

Record Last Update: 20260829T075525+0000

Ratings and Alerts

No rating or validation information has been found for pIRES:hTRAAK.

No alerts have been found for pIRES:hTRAAK.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Sesti V, et al. (2025) Membrane-targeted push-pull azobenzenes for the optical modulation of membrane potential. *Light, science & applications*, 14(1), 8.

Moschetta M, et al. (2023) Modulation of Mechanosensitive Potassium Channels by a Membrane-targeted Nongenetic Photoswitch. *The journal of physical chemistry. B*, 127(41), 8869.