

Resource Summary Report

Generated by [NIF](#) on Aug 31, 2026

pSP64-hERG1a

RRID:Addgene_53051

Type: Plasmid

Proper Citation

RRID:Addgene_53051

Plasmid Information

URL: <http://www.addgene.org/53051>

Proper Citation: RRID:Addgene_53051

Insert Name: Potassium voltage-gated channel subfamily H member 2

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:11005845](#)

Vector Backbone Description: Backbone Marker:Promega; Backbone Size:3017; Vector Backbone:pSP64; Vector Types:Xenopus Oocyte Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pSP64-hERG1a

Record Creation Time: 20220422T222311+0000

Record Last Update: 20260829T080654+0000

Ratings and Alerts

No rating or validation information has been found for pSP64-hERG1a.

No alerts have been found for pSP64-hERG1a.

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 [NIF](#) .

Shah D, et al. (2020) hiPSC-Derived Cardiomyocyte Model of LQT2 Syndrome Derived from Asymptomatic and Symptomatic Mutation Carriers Reproduces Clinical Differences in Aggregates but Not in Single Cells. *Cells*, 9(5).

Cernuda B, et al. (2019) The molecular determinants of R-roscovitine block of hERG channels. *PloS one*, 14(9), e0217733.