

Resource Summary Report

Generated by [NIF](#) on Aug 1, 2026

pSP64-hERG1a T623A

RRID:Addgene_53055

Type: Plasmid

Proper Citation

RRID:Addgene_53055

Plasmid Information

URL: <http://www.addgene.org/53055>

Proper Citation: RRID:Addgene_53055

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 T623A

Relevant Mutation: changed Threonine 623 to Alanine

Record Creation Time: 20220422T222311+0000

Record Last Update: 20260801T081440+0000

Ratings and Alerts

No rating or validation information has been found for pSP64-hERG1a T623A.

No alerts have been found for pSP64-hERG1a T623A.

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](#) .

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