

Resource Summary Report

Generated by [NIF](#) on Sep 3, 2026

pUAST-SIK3 S563A

RRID:Addgene_52976

Type: Plasmid

Proper Citation

RRID:Addgene_52976

Plasmid Information

URL: <http://www.addgene.org/52976>

Proper Citation: RRID:Addgene_52976

Insert Name: SIK3

Organism: Drosophila melanogaster

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:21565616](#)

Vector Backbone Description: Backbone Size:8904; Vector Backbone:pUAST; Vector Types:Insect Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pUAST-SIK3 S563A

Relevant Mutation: S563A PKA phosphorylation defective

Record Creation Time: 20220422T222310+0000

Record Last Update: 20260902T045649+0000

Ratings and Alerts

No rating or validation information has been found for pUAST-SIK3 S563A.

No alerts have been found for pUAST-SIK3 S563A.

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](#) .

Kobayashi R, et al. (2023) A phosphorylation-deficient mutant of Sik3, a homolog of Sleepy, alters circadian sleep regulation by PDF neurons in *Drosophila*. *Frontiers in neuroscience*, 17, 1181555.