

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 23, 2026

EcNGsC-S308P-H309D-pKK223

RRID:Addgene_131378

Type: Plasmid

Proper Citation

RRID:Addgene_131378

Plasmid Information

URL: <http://www.addgene.org/131378>

Proper Citation: RRID:Addgene_131378

Insert Name: EcNGsC MutY chimera S308P H309D

Organism: E. coli and Geobacillus stearothermophilus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:31829624](#)

Vector Backbone Description: Backbone Size:4577; Vector Backbone:pKK223; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Plasmid Name: EcNGsC-S308P-H309D-pKK223

Relevant Mutation: Fusion of two MutY genes. Residues 1-225 are from E.coli MutY and residues 226-360 correspond with residues 231-365 of G.stearothermophilus MutY. Amino acid changes S308P and H309D in Gs MutY, corresponding with positions 303-304 in the chimera MutY.

Record Creation Time: 20220422T221729+0000

Record Last Update: 20260815T080517+0000

Ratings and Alerts

No rating or validation information has been found for EcNGsC-S308P-H309D-pKK223.

No alerts have been found for EcNGsC-S308P-H309D-pKK223.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.