

# Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 10, 2026

## EcNGsC-S308P-H309D-pKK223

RRID:Addgene\_131378

Type: Plasmid

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### Proper Citation

RRID:Addgene\_131378

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### 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:** 20260808T080749+0000

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### 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.

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### Data and Source Information

**Source:** [Addgene](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.