

Resource Summary Report

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

EcNGsC-F307A-S308A-pKK223

RRID:Addgene_131379

Type: Plasmid

Proper Citation

RRID:Addgene_131379

Plasmid Information

URL: <http://www.addgene.org/131379>

Proper Citation: RRID:Addgene_131379

Insert Name: EcNGsC MutY chimera F307A S308A

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-F307A-S308A-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 F307A and S308A in Gs MutY, corresponding with positions 302-303 in the chimera MutY.

Record Creation Time: 20220422T221729+0000

Record Last Update: 20260808T080749+0000

Ratings and Alerts

No rating or validation information has been found for EcNGsC-F307A-S308A-pKK223.

No alerts have been found for EcNGsC-F307A-S308A-pKK223.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.