

Resource Summary Report

Generated by [dkNET](#) on Jul 30, 2026

delta-ZYA

RRID:Addgene_52695

Type: Plasmid

Proper Citation

RRID:Addgene_52695

Plasmid Information

URL: <http://www.addgene.org/52695>

Proper Citation: RRID:Addgene_52695

Insert Name: ?ZYA strain

Bacterial Resistance: None

Defining Citation: [PMID:22605776](#)

Vector Backbone Description: Vector Backbone:n/a; Vector Types:; Bacterial Resistance:None

Comments: MG1655 was transformed with pKD46 (carrying phage lambda Red recombinase) and a PCR fragment encoding a kanamycin resistance gene with flanking nucleotide sequences homologous to those flanking the lac operon. Upon recombination and selection for resistant strains, the kanamycin-resistant gene was eliminated following transformation with pCP20 (encoding the FLP recombinase), which is subsequently cured by growth at 30°C. The deletion in our ?ZYA strain started 20bp upstream of lacI and ran 40bp downstream of lacA.

Plasmid Name: delta-ZYA

Record Creation Time: 20220422T222309+0000

Record Last Update: 20260725T074823+0000

Ratings and Alerts

No rating or validation information has been found for delta-ZYA.

No alerts have been found for delta-ZYA.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.