

Resource Summary Report

Generated by [RRID](#) on Aug 21, 2026

pPL5618_pUG_MtxR

RRID:Addgene_60929

Type: Plasmid

Proper Citation

RRID:Addgene_60929

Plasmid Information

URL: <http://www.addgene.org/60929>

Proper Citation: RRID:Addgene_60929

Insert Name: Dihydrofolate reductase

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:25688547](#)

Vector Backbone Description: Vector Backbone:pUG27; Vector Types:LoxP flanked deletion cassette template; Bacterial Resistance:Ampicillin

Comments: Dihydrofolate reductase gene from Homo sapiens carrying L22F and F31S mutations (DHFR*); codon optimized for expression in Saccharomyces cerevisiae. It also contains an additional F180L mutation that does not impact protein function.

Plasmid Name: pPL5618_pUG_MtxR

Relevant Mutation: L22F F31S

Record Creation Time: 20220422T222350+0000

Record Last Update: 20260815T081737+0000

Ratings and Alerts

No rating or validation information has been found for pPL5618_pUG_MtxR.

No alerts have been found for pPL5618_pUG_MtxR.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.