

Resource Summary Report

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

pYX233-b2delta-DHFR

RRID:Addgene_163760

Type: Plasmid

Proper Citation

RRID:Addgene_163760

Plasmid Information

URL: <http://www.addgene.org/163760>

Proper Citation: RRID:Addgene_163760

Insert Name: b2delta-DHFR

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:30886345](#)

Vector Backbone Description: Backbone Size:7400; Vector Backbone:pYX233; Vector Types:Yeast Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pYX233-b2delta-DHFR

Relevant Mutation: Amino acids 1-167 of S.c. Cytochrome b2 (Cyb2) fused to mouse DHFR. The stop-transfer signal (transmembrane domain) of cytochrome b2 were deleted (19 amino acids) so that the protein is targeted to the mitochondrial matrix.

Record Creation Time: 20220422T221926+0000

Record Last Update: 20260725T074149+0000

Ratings and Alerts

No rating or validation information has been found for pYX233-b2delta-DHFR.

No alerts have been found for pYX233-b2delta-DHFR.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Kumar A, et al. (2025) Arginyltransferase1 drives a mitochondria-dependent program to induce cell death. Cell death & disease, 16(1), 622.