

Resource Summary Report

Generated by [NIF](#) on Sep 22, 2026

AcrIIA5-E76-LOV-C450A-K488N(M478)

RRID:Addgene_250778

Type: Plasmid

Proper Citation

RRID:Addgene_250778

Plasmid Information

URL: <http://www.addgene.org/250778>

Proper Citation: RRID:Addgene_250778

Insert Name: AcrIIA5 with an AsLOV2 insertion behind E76 and C450A and K488N mutation

Organism: Streptococcus thermophilus, Avena sativa

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:41680487](#)

Vector Backbone Description: Backbone Size:5407; Vector Backbone:pcDNA3.1; Vector Types:Mammalian Expression, CRISPR; Bacterial Resistance:Ampicillin

Plasmid Name: AcrIIA5-E76-LOV-C450A-K488N(M478)

Relevant Mutation: C450A, K488N

Record Creation Time: 20260318T052940+0000

Record Last Update: 20260919T093904+0000

Ratings and Alerts

No rating or validation information has been found for AcrIIA5-E76-LOV-C450A-K488N(M478).

No alerts have been found for AcrIIA5-E76-LOV-C450A-K488N(M478).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.