

Resource Summary Report

Generated by [RRID](#) on Aug 17, 2026

pTrc99S-ssDsbA-CRM197-4xDQNAT

RRID:Addgene_128403

Type: Plasmid

Proper Citation

RRID:Addgene_128403

Plasmid Information

URL: <http://www.addgene.org/128403>

Proper Citation: RRID:Addgene_128403

Insert Name: Diphtheria toxin

Organism: C. diphtheriae

Bacterial Resistance: Spectinomycin and Streptomycin

Defining Citation: [PMID:33536221](#)

Vector Backbone Description: Backbone Size:4535; Vector Backbone:pTrc99S; Vector Types:Bacterial Expression; Bacterial Resistance:Spectinomycin and Streptomycin

Plasmid Name: pTrc99S-ssDsbA-CRM197-4xDQNAT

Relevant Mutation: Inactivating G52E mutation

Record Creation Time: 20220422T221714+0000

Record Last Update: 20260815T080447+0000

Ratings and Alerts

No rating or validation information has been found for pTrc99S-ssDsbA-CRM197-4xDQNAT.

No alerts have been found for pTrc99S-ssDsbA-CRM197-4xDQNAT.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.