

# Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 23, 2026

## pCMV6-AN-DDK\_S433A POLI

RRID:Addgene\_131235

Type: Plasmid

### Proper Citation

RRID:Addgene\_131235

### Plasmid Information

**URL:** <http://www.addgene.org/131235>

**Proper Citation:** RRID:Addgene\_131235

**Insert Name:** DNA polymerase iota

**Organism:** Homo sapiens

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:33279577](#)

**Vector Backbone Description:** Backbone Marker:Origene; Backbone Size:5876; Vector Backbone:pCMV6-AN-DDK; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

**Plasmid Name:** pCMV6-AN-DDK\_S433A POLI

**Relevant Mutation:** Contains a point mutation converting Pol iota serine 433 to alanine (S433A), as well as a silent mutation that introduces an additional Stul restriction site. The pol iota CDS has been codon optimised for expression in human cells.

**Record Creation Time:** 20220422T221728+0000

**Record Last Update:** 20260815T080516+0000

### Ratings and Alerts

No rating or validation information has been found for pCMV6-AN-DDK\_S433A POLI.

No alerts have been found for pCMV6-AN-DDK\_S433A POLI.

### Data and Source Information

**Source:** [Addgene](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.