

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 9, 2026

pMyc-CMV1-huTLR4mut-C2141A

RRID:Addgene_53527

Type: Plasmid

Proper Citation

RRID:Addgene_53527

Plasmid Information

URL: <http://www.addgene.org/53527>

Proper Citation: RRID:Addgene_53527

Insert Name: TLR4 C2141A

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:25633197](#)

Vector Backbone Description: Backbone Marker:Dr. Golenbock, University of Massachusetts Medical School; Backbone Size:4743; Vector Backbone:pMyc-CMV1; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pMyc-CMV1-huTLR4mut-C2141A

Relevant Mutation: C2141A

Record Creation Time: 20220422T222313+0000

Record Last Update: 20260808T081821+0000

Ratings and Alerts

No rating or validation information has been found for pMyc-CMV1-huTLR4mut-C2141A.

No alerts have been found for pMyc-CMV1-huTLR4mut-C2141A.

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 [PRECISE-TBI](#) .

Sun PP, et al. (2023) Cell membrane-bound toll-like receptor-1/2/4/6 monomers and -2 heterodimer inhibit enterovirus 71 replication by activating the antiviral innate response. Frontiers in immunology, 14, 1187035.