

Resource Summary Report

Generated by [RRID](#) on Aug 22, 2026

pLKO.1-puro-U6-AsCas12a-TLR-MCV1-gRNA

RRID:Addgene_117411

Type: Plasmid

Proper Citation

RRID:Addgene_117411

Plasmid Information

URL: <http://www.addgene.org/117411>

Proper Citation: RRID:Addgene_117411

Insert Name: AsCas12a gRNA targeting TLR 2.0

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:36070530](#)

Vector Backbone Description: Backbone Marker:Addgene#50920; Vector Backbone:pLKO.1-puro-U6; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Comments: Plasmid contains an IS1 prokaryotic transposable element that does not affect plasmid function. Please visit <https://www.biorxiv.org/content/10.1101/864199v1> for bioRxiv preprint.

Plasmid Name: pLKO.1-puro-U6-AsCas12a-TLR-MCV1-gRNA

Record Creation Time: 20220422T221615+0000

Record Last Update: 20260815T080253+0000

Ratings and Alerts

No rating or validation information has been found for pLKO.1-puro-U6-AsCas12a-TLR-MCV1-gRNA.

No alerts have been found for pLKO.1-puro-U6-AsCas12a-TLR-MCV1-gRNA.

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 [RRID](#) .

Iyer S, et al. (2022) Efficient Homology-Directed Repair with Circular Single-Stranded DNA Donors. The CRISPR journal, 5(5), 685.