

Resource Summary Report

Generated by [dkNET](#) on Aug 20, 2026

MSCV-N EBNA1

RRID:Addgene_37954

Type: Plasmid

Proper Citation

RRID:Addgene_37954

Plasmid Information

URL: <http://www.addgene.org/37954>

Proper Citation: RRID:Addgene_37954

Insert Name: EBNA1

Organism: H. Herpesvirus 4 (EBV)

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:22810586](#)

Vector Backbone Description: Backbone Size:8162; Vector Backbone:MSCV-N FLAGHA; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

Comments: Note that the Gateway cloning reaction has left several vector-based nucleotides in frame with the 3' end of the insert, leaving additional amino acid residues [PTFLYKVVVR] fused to the C-terminus of translated protein.

Plasmid Name: MSCV-N EBNA1

Record Creation Time: 20220422T222200+0000

Record Last Update: 20260815T081418+0000

Ratings and Alerts

No rating or validation information has been found for MSCV-N EBNA1.

No alerts have been found for MSCV-N EBNA1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

Listed below are recent publications. The full list is available at [dkNET](#) .

Zhang X, et al. (2024) Epstein-Barr virus suppresses N6-methyladenosine modification of TLR9 to promote immune evasion. The Journal of biological chemistry, 300(5), 107226.

Li JSZ, et al. (2023) Chromosomal fragile site breakage by EBV-encoded EBNA1 at clustered repeats. Nature, 616(7957), 504.

Biswas A, et al. (2021) Inhibition of polo-like kinase 1 (PLK1) facilitates reactivation of gamma-herpesviruses and their elimination. PLoS pathogens, 17(7), e1009764.

Mitxitorena I, et al. (2020) The deubiquitinase USP7 uses a distinct ubiquitin-like domain to deubiquitinate NF- κ B subunits. The Journal of biological chemistry, 295(33), 11754.

Meyer F, et al. (2020) Prevention of DNA Replication Stress by CHK1 Leads to Chemoresistance Despite a DNA Repair Defect in Homologous Recombination in Breast Cancer. Cells, 9(1).

Boudreault S, et al. (2019) The Epstein-Barr virus EBNA1 protein modulates the alternative splicing of cellular genes. Virology journal, 16(1), 29.

Kim SM, et al. (2017) EBV-encoded EBNA1 regulates cell viability by modulating miR34a-NOX2-ROS signaling in gastric cancer cells. Biochemical and biophysical research communications, 494(3-4), 550.