

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

bMS.346

RRID:Addgene_220588

Type: Plasmid

Proper Citation

RRID:Addgene_220588

Plasmid Information

URL: <http://www.addgene.org/220588>

Proper Citation: RRID:Addgene_220588

Insert Name: exol- recJ- araB::T7RNAP-tetA

Organism: n/a

Bacterial Resistance: None

Defining Citation: [PMID:34949838](#)

Vector Backbone Description: Vector Backbone:n/a; Vector Types:This is a strain, not a plasmid; Bacterial Resistance:None

Comments: Strain was validated by shotgun sequencing using Illumina Nextseq.
Supporting References: Bhattarai-Kline, S., Lear, S.K., Fishman, C.B. et al. Recording gene expression order in DNA by CRISPR addition of retron barcodes. Nature 608, 217–225 (2022). <https://doi.org/10.1038/s41586-022-04994-6>. González-Delgado A, Lopez SC, Rojas-Montero M, Fishman CB, Shipman SL. Simultaneous multi-site editing of individual genomes using retron arrays. bioRxiv [Preprint]. 2023 Jul 17:2023.07.17.549397. doi: 10.1101/2023.07.17.549397. PMID: 37503029; PMCID: PMC10370050.

Plasmid Name: bMS.346

Record Creation Time: 20240801T080704+0000

Record Last Update: 20260725T080107+0000

Ratings and Alerts

No rating or validation information has been found for bMS.346.

No alerts have been found for bMS.346.

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 [NIF](#) .

Nakamura KL, et al. (2025) New retron systems from environmental bacteria identify triggers of anti-phage defense and expand tools for genome editing. PLoS biology, 23(10), e3003042.