

Resource Summary Report

Generated by [RRID](#) on Aug 25, 2026

[pRDA_174](#)

RRID:Addgene_136476

Type: Plasmid

Proper Citation

RRID:Addgene_136476

Plasmid Information

URL: <http://www.addgene.org/136476>

Proper Citation: RRID:Addgene_136476

Insert Name: EnAsCas12a

Organism: Other

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:32661438](#)

Vector Backbone Description: Vector Backbone:pLKO; Vector Types:Lentiviral, CRISPR; Bacterial Resistance:Ampicillin

Plasmid Name: pRDA_174

Record Creation Time: 20220422T221752+0000

Record Last Update: 20260815T080606+0000

Ratings and Alerts

No rating or validation information has been found for pRDA_174.

No alerts have been found for pRDA_174.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Farhangmehr S, et al. (2026) A genome-wide functional analysis of conserved intronic regions reveals essential roles for speckle-associated retained introns. *Cell reports*, 45(7), 117696.

Borck PC, et al. (2025) SKI complex loss renders 9p21.3-deleted or MSI-H cancers dependent on PELO. *Nature*, 638(8052), 1104.

Bayraktar R, et al. (2025) The mutational landscape and functional effects of noncoding ultraconserved elements in human cancers. *Science advances*, 11(8), eado2830.

Venkadakrishnan VB, et al. (2025) Epigenetic Derepression of PROX1 Promotes Neuroendocrine Prostate Cancer Progression. *Cancer research*, 85(20), 3842.

Wolf G, et al. (2025) The genetic interaction map of the human solute carrier superfamily. *Molecular systems biology*, 21(6), 531.

McGee AV, et al. (2024) Modular vector assembly enables rapid assessment of emerging CRISPR technologies. *Cell genomics*, 4(3), 100519.

Esmaeili Anvar N, et al. (2024) Efficient gene knockout and genetic interaction screening using the in4mer CRISPR/Cas12a multiplex knockout platform. *Nature communications*, 15(1), 3577.

Borrelli C, et al. (2024) In vivo interaction screening reveals liver-derived constraints to metastasis. *Nature*, 632(8024), 411.

Esmaeili Anvar N, et al. (2023) Combined genome-scale fitness and paralog synthetic lethality screens with just 44k clones: the IN4MER CRISPR/Cas12a multiplex knockout platform. *bioRxiv : the preprint server for biology*.

Cetin R, et al. (2023) Optimized metrics for orthogonal combinatorial CRISPR screens. *Scientific reports*, 13(1), 7405.

Li R, et al. (2022) Comparative optimization of combinatorial CRISPR screens. *Nature communications*, 13(1), 2469.

Rebendenne A, et al. (2022) Bidirectional genome-wide CRISPR screens reveal host factors regulating SARS-CoV-2, MERS-CoV and seasonal HCoVs. *Nature genetics*, 54(8), 1090.

Lenoir WF, et al. (2021) Discovery of putative tumor suppressors from CRISPR screens reveals rewired lipid metabolism in acute myeloid leukemia cells. *Nature communications*, 12(1), 6506.