

Resource Summary Report

Generated by [RRID](#) on Aug 30, 2026

pICE-HA-MRE11-H129N

RRID:Addgene_82034

Type: Plasmid

Proper Citation

RRID:Addgene_82034

Plasmid Information

URL: <http://www.addgene.org/82034>

Proper Citation: RRID:Addgene_82034

Insert Name: MRE11

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:27641979](#)

Vector Backbone Description: Backbone Marker:Synthetic - Addgene Plasmid #46960; Backbone Size:5023; Vector Backbone:pICE; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pICE-HA-MRE11-H129N

Relevant Mutation: Nuclease-dead mutant: H129N MRE11

Record Creation Time: 20220422T222533+0000

Record Last Update: 20260829T081136+0000

Ratings and Alerts

No rating or validation information has been found for pICE-HA-MRE11-H129N.

No alerts have been found for pICE-HA-MRE11-H129N.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Sharma S, et al. (2021) MRE11-RAD50-NBS1 Complex Is Sufficient to Promote Transcription by RNA Polymerase II at Double-Strand Breaks by Melting DNA Ends. Cell reports, 34(1), 108565.

Wang YL, et al. (2021) Evading immune surveillance via tyrosine phosphorylation of nuclear PCNA. Cell reports, 36(8), 109537.