

Resource Summary Report

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

pMAH-POLY-eRF1(E55D)

RRID:Addgene_157925

Type: Plasmid

Proper Citation

RRID:Addgene_157925

Plasmid Information

URL: <http://www.addgene.org/157925>

Proper Citation: RRID:Addgene_157925

Insert Name: POLY-eRF1(E55D), Polyspecific aminoacyl-tRNA Synthetase fused to a modified releasing factor through 2A peptide

Organism: Other

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:33581056](#)

Vector Backbone Description: Backbone Size:7583; Vector Backbone:pMAH; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: This plasmid can be used in mammalian cells to genetically encode an array of para-substituted phenylalanine analogs, including p-boronophenylalanine (pBoF), p-azidophenylalanine (pAzF), p-acetylphenylalanine (pAcF), p-iodophenylalanine (pIoF), p-bromophenylalanine (pBrF), p-cyanophenylalanine (pCNF), p-nitrophenylalanine (pNO2F), p-benzoylphenylalanine (pBzF), 4,4'-biphenylalanine (BIF), O-methyl-tyrosine (OMeY), O-propargyl-tyrosine (OPrY), and O-allyl-tyrosine.

Plasmid Name: pMAH-POLY-eRF1(E55D)

Record Creation Time: 20220422T221855+0000

Record Last Update: 20260815T080810+0000

Ratings and Alerts

No rating or validation information has been found for pMAH-POLY-eRF1(E55D).

No alerts have been found for pMAH-POLY-eRF1(E55D).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.