

Resource Summary Report

Generated by [kravitz2](#) on Aug 10, 2026

EcAR7

RRID:Addgene_52055

Type: Plasmid

Proper Citation

RRID:Addgene_52055

Plasmid Information

URL: <http://www.addgene.org/52055>

Proper Citation: RRID:Addgene_52055

Insert Name: None

Bacterial Resistance: None

Defining Citation: [PMID:22982858](#)

Vector Backbone Description: Vector Backbone:None; Vector Types:; Bacterial Resistance:None

Comments: We recommend growth of the EcAR7 strain at 30 °C in LB supplemented with 0.08% glucose. The EcAR7 strains normally take 1.5-2 days to grow at 30°C, after transformation or streaking the strain on an agar plate (with the appropriate antibiotics). See supplemental information from referenced article for protocol on creating EcAR7 from EcNR2.

Plasmid Name: EcAR7

Record Creation Time: 20220422T222305+0000

Record Last Update: 20260808T081809+0000

Ratings and Alerts

No rating or validation information has been found for EcAR7.

No alerts have been found for EcAR7.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Chen X, et al. (2021) A linear DNA template-based framework for site-specific unnatural amino acid incorporation. *Synthetic and systems biotechnology*, 6(3), 192.

Schiapparelli P, et al. (2021) Phosphorylated WNK kinase networks in recoded bacteria recapitulate physiological function. *Cell reports*, 36(3), 109416.

Magnussen HM, et al. (2020) Structural basis for DNA damage-induced phosphoregulation of MDM2 RING domain. *Nature communications*, 11(1), 2094.

Lv Z, et al. (2017) *S. pombe* Uba1-Ubc15 Structure Reveals a Novel Regulatory Mechanism of Ubiquitin E2 Activity. *Molecular cell*, 65(4), 699.

Richter B, et al. (2016) Phosphorylation of OPTN by TBK1 enhances its binding to Ub chains and promotes selective autophagy of damaged mitochondria. *Proceedings of the National Academy of Sciences of the United States of America*, 113(15), 4039.