

Resource Summary Report

Generated by [RRID](#) on Aug 26, 2026

pTECH-chPylRS(IPYE)

RRID:Addgene_99222

Type: Plasmid

Proper Citation

RRID:Addgene_99222

Plasmid Information

URL: <http://www.addgene.org/99222>

Proper Citation: RRID:Addgene_99222

Insert Name: Plpp chPyl(IPYE)RS; PproK pylT

Organism: Synthetic

Bacterial Resistance: Chloramphenicol

Defining Citation: [PMID:29035361](#)

Vector Backbone Description: Backbone Marker:Dieter S??l Lab; Backbone Size:1728; Vector Backbone:p15A; Vector Types:Bacterial Expression; Bacterial Resistance:Chloramphenicol

Plasmid Name: pTECH-chPylRS(IPYE)

Relevant Mutation: Contains activating mutations V31I, T56P, H62Y, A100E (IPYE) in the chPylRS gene

Record Creation Time: 20220422T222633+0000

Record Last Update: 20260815T082245+0000

Ratings and Alerts

No rating or validation information has been found for pTECH-chPylRS(IPYE).

No alerts have been found for pTECH-chPylRS(IPYE).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Brown W, et al. (2023) Small-Molecule Phosphine Activation of Protein Function in Zebrafish Embryos with an Expanded Genetic Code. *Methods in molecular biology* (Clifton, N.J.), 2676, 247.

Stieglitz JT, et al. (2022) Exploration of Methanomethylophilus alvus Pyrrolysyl-tRNA Synthetase Activity in Yeast. *ACS synthetic biology*, 11(5), 1824.

McGuffie MJ, et al. (2021) pLannotate: engineered plasmid annotation. *Nucleic acids research*, 49(W1), W516.