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??ll 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.