

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

pKPY514

RRID:Addgene_62598

Type: Plasmid

Proper Citation

RRID:Addgene_62598

Plasmid Information

URL: <http://www.addgene.org/62598>

Proper Citation: RRID:Addgene_62598

Insert Name: Thr251Gly-EcPheRS

Organism: E. coli

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:25691744](#)

Vector Backbone Description: Backbone Marker:Qiagen; Backbone Size:4541; Vector Backbone:pQE-80L-Kan; Vector Types:Bacterial Expression; Bacterial Resistance:Kanamycin

Comments: Please note that this plasmid may require a unique bacterial strain, so make sure to confirm that you can also obtain the appropriate growth strain. Please contact us at help@addgene.org or contact our distributors if you have any questions.

Plasmid Name: pKPY514

Relevant Mutation: Thr251Gly

Record Creation Time: 20220422T222358+0000

Record Last Update: 20260725T074943+0000

Ratings and Alerts

No rating or validation information has been found for pKPY514.

No alerts have been found for pKPY514.

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 [NIF](#) .

Mazeed M, et al. (2021) Recruitment of archaeal DTD is a key event toward the emergence of land plants. Science advances, 7(6).

Aburaya S, et al. (2020) Neuronal subclass-selective proteomic analysis in *Caenorhabditis elegans*. Scientific reports, 10(1), 13840.

Yaginuma K, et al. (2019) High-throughput identification of peptide agonists against GPCRs by co-culture of mammalian reporter cells and peptide-secreting yeast cells using droplet microfluidics. Scientific reports, 9(1), 10920.