

Resource Summary Report

Generated by [dkNET](#) on Aug 29, 2026

pOZITX-S1

RRID:Addgene_184925

Type: Plasmid

Proper Citation

RRID:Addgene_184925

Plasmid Information

URL: <http://www.addgene.org/184925>

Proper Citation: RRID:Addgene_184925

Insert Name: codon optimized S1 subunit of OZITX

Organism: E. coli

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:35322196](#)

Vector Backbone Description: Vector Backbone:pcDNA3.1 (+); Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pOZITX-S1

Record Creation Time: 20220519T080220+0000

Record Last Update: 20260829T081340+0000

Ratings and Alerts

No rating or validation information has been found for pOZITX-S1.

No alerts have been found for pOZITX-S1.

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 [dkNET](#) .

Franchini L, et al. (2025) GzESTY as an optimized cell-based assay for initial steps in GPCR deorphanization. Nature communications, 16(1), 4521.

Tyson AS, et al. (2025) Molecular mechanisms of inverse agonism via μ -opioid receptor-G protein complexes. Nature chemical biology, 21(7), 1046.

Franchini L, et al. (2024) Gz Enhanced Signal Transduction assay (GZESTY) for GPCR deorphanization. bioRxiv : the preprint server for biology.