

Resource Summary Report

Generated by [NIF](#) on Sep 22, 2026

pDEST14-SpyCatcher002 EQ

RRID:Addgene_102830

Type: Plasmid

Proper Citation

RRID:Addgene_102830

Plasmid Information

URL: <http://www.addgene.org/102830>

Proper Citation: RRID:Addgene_102830

Insert Name: SpyCatcher002 EQ

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:29024296](#)

Vector Backbone Description: Backbone Marker:Thermo Fisher Scientific; Backbone Size:6422; Vector Backbone:pDEST14; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pDEST14-SpyCatcher002 EQ

Relevant Mutation: E77Q mutation prevents isopeptide bond formation

Record Creation Time: 20220422T221457+0000

Record Last Update: 20260919T090408+0000

Ratings and Alerts

No rating or validation information has been found for pDEST14-SpyCatcher002 EQ.

No alerts have been found for pDEST14-SpyCatcher002 EQ.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Prem R, et al. (2026) Rewiring Mitochondrial Phosphatidylethanolamine Metabolism Identifies New and Unaccounted Trafficking Steps. bioRxiv : the preprint server for biology.

Keeble AH, et al. (2019) Insider information on successful covalent protein coupling with help from SpyBank. Methods in enzymology, 617, 443.