

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 13, 2026

SpyDock

RRID:Addgene_124618

Type: Plasmid

Proper Citation

RRID:Addgene_124618

Plasmid Information

URL: <http://www.addgene.org/124618>

Proper Citation: RRID:Addgene_124618

Insert Name: SpyDock

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:30988307](#)

Vector Backbone Description: Backbone Marker:Thermo Fisher Scientific; Backbone Size:3641; Vector Backbone:pDEST14; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Plasmid Name: SpyDock

Relevant Mutation: E77A mutation prevents isopeptide bond formation, S49C mutation enables attachment to solid support. Mutations A89P, Q97D, K108E helps better SpyTag binding.

Record Creation Time: 20220422T221653+0000

Record Last Update: 20260808T080646+0000

Ratings and Alerts

No rating or validation information has been found for SpyDock.

No alerts have been found for SpyDock.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Hartzell EJ, et al. (2021) Engineering a Blue Light Inducible SpyTag System (BLISS).
Journal of the American Chemical Society, 143(23), 8572.