

Resource Summary Report

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

[pCoofy4](#)

RRID:Addgene_43986

Type: Plasmid

Proper Citation

RRID:Addgene_43986

Plasmid Information

URL: <http://www.addgene.org/43986>

Proper Citation: RRID:Addgene_43986

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:23410102](#)

Vector Backbone Description: Backbone Marker:Novagen, EMBL; Backbone Size:6841; Vector Backbone:pET, pETM44; Vector Types:Bacterial Expression; Bacterial Resistance:Kanamycin

Comments: Test each preparation of the plasmid by transforming it into non-resistant cells (ex. DH5a) to ensure negative selection by ccdB kills all the transformed cells as expected.

Plasmid Name: pCoofy4

Record Creation Time: 20220422T222228+0000

Record Last Update: 20260829T080540+0000

Ratings and Alerts

No rating or validation information has been found for pCoofy4.

No alerts have been found for pCoofy4.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Barajas JM, et al. (2026) Tandem Duplications in UBTF Create XPO1-Dependent Nuclear Export Signals that Reveal a Leukemic Therapeutic Dependency. Blood cancer discovery, 7(1), 51.

Arabzade A, et al. (2025) Synthetic ZFTA fusions pinpoint disordered protein domain acquisition as a mechanism of brain tumorigenesis. Nature cell biology, 27(9), 1496.

Nikonova E, et al. (2022) Rbfox1 is required for myofibril development and maintaining fiber type-specific isoform expression in Drosophila muscles. Life science alliance, 5(4).

Salomaa SI, et al. (2021) SHANK3 conformation regulates direct actin binding and crosstalk with Rap1 signaling. Current biology : CB, 31(22), 4956.