

Resource Summary Report

Generated by [RRID](#) on Aug 25, 2026

pcDNA3.1-ArchT-BFP2-TSERex

RRID:Addgene_123312

Type: Plasmid

Proper Citation

RRID:Addgene_123312

Plasmid Information

URL: <http://www.addgene.org/123312>

Proper Citation: RRID:Addgene_123312

Insert Name: ArchT-BFP2

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:30638447](#)

Vector Backbone Description: Backbone Marker:Michael Lin lab; Backbone Size:6105; Vector Backbone:pcDNA3.1/puro-CAG; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pcDNA3.1-ArchT-BFP2-TSERex

Record Creation Time: 20220422T221645+0000

Record Last Update: 20260815T080353+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3.1-ArchT-BFP2-TSERex.

No alerts have been found for pcDNA3.1-ArchT-BFP2-TSERex.

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 [RRID](#) .

Donahue CET, et al. (2021) An Optogenetic Tool to Raise Intracellular pH in Single Cells and Drive Localized Membrane Dynamics. Journal of the American Chemical Society, 143(45), 18877.