

# 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.