

Resource Summary Report

Generated by [dkNET](#) on Sep 5, 2026

pPB-3xnls-Tq-Ca-FLITS

RRID:Addgene_145030

Type: Plasmid

Proper Citation

RRID:Addgene_145030

Plasmid Information

URL: <http://www.addgene.org/145030>

Proper Citation: RRID:Addgene_145030

Insert Name: 3xnls-Tq-Ca-FLITS

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:34887382](#)

Vector Backbone Description: Vector Backbone:piggyBac; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Read the preprint at bioRxiv: doi.org/10.1101/2021.06.21.449214

Plasmid Name: pPB-3xnls-Tq-Ca-FLITS

Record Creation Time: 20220422T221818+0000

Record Last Update: 20260905T074906+0000

Ratings and Alerts

No rating or validation information has been found for pPB-3xnls-Tq-Ca-FLITS.

No alerts have been found for pPB-3xnls-Tq-Ca-FLITS.

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 [dkNET](#) .

Vagena-Pantoula C, et al. (2026) Piezo1-mediated mechanohydraulic control of cell volume drives cardiac morphogenesis. Science advances, 12(17), eaea7025.

van der Linden FH, et al. (2021) A turquoise fluorescence lifetime-based biosensor for quantitative imaging of intracellular calcium. Nature communications, 12(1), 7159.