

Resource Summary Report

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pKK-FRET-ORF1-3C-Cerulean_ORF2-TEV-Amber

RRID:Addgene_105806

Type: Plasmid

Proper Citation

RRID:Addgene_105806

Plasmid Information

URL: <http://www.addgene.org/105806>

Proper Citation: RRID:Addgene_105806

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:29590189](#)

Vector Backbone Description: Backbone Marker:Sammarco & Grabczyk (PMID: 16212928); Vector Backbone:BI-16 (constructed based on pcDNA5/FRT/TO from Invitrogen); Vector Types:Mammalian Expression, Flp-In competent; Bacterial Resistance:Ampicillin

Comments: This vector is a member of the pKK-FRET series which belongs to the pKK vector family. It enables concomitant expression of two genes, which transcription is driven by a tetracycline responsive bidirectional CMV promoter. This vector is a derivate of the BI16 plasmid (PMID: 16212928) and is suitable for stable cell line generation using the Flp-In system (see Szczesny RJ et al. for detailed description and protocols; bioRxiv, doi: <https://doi.org/10.1101/160101>). Negative control for FRET experiments. One protein expressed with Cerulean whereas second protein expressed with non-fluorescent Amber fusion tag. Amber is a mutant of Venus (Y67C) that retains the tertiary structure but has no fluorescent properties and does not absorb light. A no-FRET sample in which both putative interacting proteins are tagged can be superior to a donor-only sample (PMID: 17040988, 22264545). Amber coding sequence was cloned from Addgene ID: 27798.

Plasmid Name: pKK-FRET-ORF1-3C-Cerulean_ORF2-TEV-Amber

Record Creation Time: 20220422T221513+0000

Record Last Update: 20260912T091420+0000

Ratings and Alerts

No rating or validation information has been found for pKK-FRET-ORF1-3C-Cerulean_ORF2-TEV-Amber.

No alerts have been found for pKK-FRET-ORF1-3C-Cerulean_ORF2-TEV-Amber.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.