

Resource Summary Report

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pKK-mCerulean-TEV

RRID:Addgene_105773

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/105773>

Proper Citation: RRID:Addgene_105773

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:29590189](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Vector Backbone:pcDNA5/FRT/TO; Vector Types:Mammalian Expression, Flp-In competent; Bacterial Resistance:Ampicillin

Comments: This vector is a member of the pKK vector family. Its cloning site was optimized for the SLIC approach, however, a traditional restriction and ligation based approach is also possible (see Szczesny RJ et al. for detailed protocols; bioRxiv, doi: <https://doi.org/10.1101/160101>). This vector is a derivate of the pcDNA5/FRT/TO plasmid (Invitrogen) and is suitable for stable cell line generation using the Flp-In system. Transcription of the gene of interest is driven by a tetracycline responsive CMV promoter. A given coding sequence can be cloned into all pKK vectors using just three universal PCR primers and a ligation-independent DNA cloning method. mCerulean is a cyan fluorescent protein; donor in the commonly used Cerulean-Venus FRET pair. mCerulean coding sequence was cloned from Addgene ID: 27795.

Plasmid Name: pKK-mCerulean-TEV

Record Creation Time: 20220422T221513+0000

Record Last Update: 20260912T091419+0000

Ratings and Alerts

No rating or validation information has been found for pKK-mCerulean-TEV.

No alerts have been found for pKK-mCerulean-TEV.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.