

Resource Summary Report

Generated by [NIF](#) on Sep 20, 2026

pKK-mAmber-TEV

RRID:Addgene_105775

Type: Plasmid

Proper Citation

RRID:Addgene_105775

Plasmid Information

URL: <http://www.addgene.org/105775>

Proper Citation: RRID:Addgene_105775

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:29590189](https://pubmed.ncbi.nlm.nih.gov/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. Amber is a Venus mutant (Y67C) that neither absorbs nor emits light but retains full tertiary structure of Venus. Used as negative control for FRET measurements. Amber coding sequence was cloned from Addgene ID: 27798.

Plasmid Name: pKK-mAmber-TEV

Record Creation Time: 20220422T221513+0000

Record Last Update: 20260919T090433+0000

Ratings and Alerts

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

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

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.