

Resource Summary Report

Generated by [RRID](#) on Aug 18, 2026

pEYFPC1-ECFP/GgVcl 1-419 control 1 FRET

RRID:Addgene_46277

Type: Plasmid

Proper Citation

RRID:Addgene_46277

Plasmid Information

URL: <http://www.addgene.org/46277>

Proper Citation: RRID:Addgene_46277

Insert Name: ECFP + Vcl 1-419

Organism: Gallus gallus

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:15883197](#)

Vector Backbone Description: Backbone Marker:Clonotech; Backbone Size:4700; Vector Backbone:pEYFP-C1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: To make the control FRET probe pEYFP-C1/CFPV1-400, a HindIII site was engineered before the ATG site of pET15b/CFP-V1-851 and a KpnI site after codon 400 by PCR amplification with 5-CAAGCTTCGatggtgagcaagggc-3 and 5-GGTACCTCAtgcaactttccttgc-3. The PCR product was introduced into TOPO pCRII and sequenced. The HindIII–KpnI fragment of CFP-vinculin1-400 was subcloned into pEYFP-C1 to generate the control plasmid pEYFP-CFPV1-400. Tandem EYFP-ECFP- hooked to portion of vinculin that localizes to FA; maximum FRET.

Plasmid Name: pEYFPC1-ECFP/GgVcl 1-419 control 1 FRET

Relevant Mutation: aa 1-419

Record Creation Time: 20220422T222238+0000

Record Last Update: 20260815T081530+0000

Ratings and Alerts

No rating or validation information has been found for pEYFPC1-ECFP/GgVcl 1-419 control 1 FRET.

No alerts have been found for pEYFPC1-ECFP/GgVcl 1-419 control 1 FRET.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.