

# 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.

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## Data and Source Information

**Source:** [Addgene](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.