

Resource Summary Report

Generated by SPARC SAWG on Sep 2, 2026

cpFRET

RRID:Addgene_1000000021

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <https://www.addgene.org/kits/pertz-cpfret-biosensors/>

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Vector Backbone Description: Vector Types:Bacterial Expression, Insect Expression, Mammalian Expression

Comments: EKAR2G_design1_mTFP_105_Venus_157 (Addgene #39819),
EKAR2G_design1_mTFP_105_Venus_173 (Addgene #39820),
EKAR2G_design1_mTFP_105_Venus_195 (Addgene #39821),
EKAR2G_design1_mTFP_105_Venus_229 (Addgene #39822),
EKAR2G_design1_mTFP_105_Venus_wt (Addgene #39818),
EKAR2G_design1_mTFP_159_Venus_157 (Addgene #39824),
EKAR2G_design1_mTFP_159_Venus_173 (Addgene #39825),
EKAR2G_design1_mTFP_159_Venus_195 (Addgene #39826),
EKAR2G_design1_mTFP_159_Venus_229 (Addgene #39827),
EKAR2G_design1_mTFP_159_Venus_wt (Addgene #39823),
EKAR2G_design1_mTFP_175_Venus_157 (Addgene #39829),
EKAR2G_design1_mTFP_175_Venus_173 (Addgene #39830),
EKAR2G_design1_mTFP_175_Venus_195 (Addgene #39831),
EKAR2G_design1_mTFP_175_Venus_229 (Addgene #39832),
EKAR2G_design1_mTFP_175_Venus_wt (Addgene #39828),
EKAR2G_design1_mTFP_227_Venus_157 (Addgene #39834),
EKAR2G_design1_mTFP_227_Venus_173 (Addgene #39835),
EKAR2G_design1_mTFP_227_Venus_195 (Addgene #39836),
EKAR2G_design1_mTFP_227_Venus_229 (Addgene #39837),
EKAR2G_design1_mTFP_227_Venus_wt (Addgene #39833),
EKAR2G_design1_mTFP_wt_Venus_157 (Addgene #39814),
EKAR2G_design1_mTFP_wt_Venus_173 (Addgene #39815),
EKAR2G_design1_mTFP_wt_Venus_195 (Addgene #39816),
EKAR2G_design1_mTFP_wt_Venus_229 (Addgene #39817),
EKAR2G_design1_mTFP_wt_Venus_wt (Addgene #39813),

EKAR2G_design2_mTFP_105_Venus_157 (Addgene #40000),
EKAR2G_design2_mTFP_105_Venus_173 (Addgene #40001),
EKAR2G_design2_mTFP_105_Venus_195 (Addgene #40002),
EKAR2G_design2_mTFP_105_Venus_229 (Addgene #40003),
EKAR2G_design2_mTFP_105_Venus_wt (Addgene #39999),
EKAR2G_design2_mTFP_159_Venus_157 (Addgene #40005),
EKAR2G_design2_mTFP_159_Venus_173 (Addgene #40006),
EKAR2G_design2_mTFP_159_Venus_195 (Addgene #40007),
EKAR2G_design2_mTFP_159_Venus_229 (Addgene #40008),
EKAR2G_design2_mTFP_159_Venus_wt (Addgene #40004),
EKAR2G_design2_mTFP_175_Venus_157 (Addgene #40010),
EKAR2G_design2_mTFP_175_Venus_173 (Addgene #40011),
EKAR2G_design2_mTFP_175_Venus_195 (Addgene #40012),
EKAR2G_design2_mTFP_175_Venus_229 (Addgene #40013),
EKAR2G_design2_mTFP_175_Venus_wt (Addgene #40009),
EKAR2G_design2_mTFP_227_Venus_157 (Addgene #40015),
EKAR2G_design2_mTFP_227_Venus_173 (Addgene #40016),
EKAR2G_design2_mTFP_227_Venus_195 (Addgene #40017),
EKAR2G_design2_mTFP_227_Venus_229 (Addgene #40018),
EKAR2G_design2_mTFP_227_Venus_wt (Addgene #40014),
EKAR2G_design2_mTFP_wt_Venus_157 (Addgene #39995),
EKAR2G_design2_mTFP_wt_Venus_173 (Addgene #39996),
EKAR2G_design2_mTFP_wt_Venus_195 (Addgene #39997),
EKAR2G_design2_mTFP_wt_Venus_229 (Addgene #39998),
EKAR2G_design2_mTFP_wt_Venus_wt (Addgene #39994)

Plasmid Name: cpFRET

Record Creation Time: 20260520T214956+0000

Record Last Update: 20260829T074243+0000

Ratings and Alerts

No rating or validation information has been found for cpFRET.

No alerts have been found for cpFRET.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.