

Resource Summary Report

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

YC 3.6 Cameleon

RRID:Addgene_58182

Type: Plasmid

Proper Citation

RRID:Addgene_58182

Plasmid Information

URL: <http://www.addgene.org/58182>

Proper Citation: RRID:Addgene_58182

Bacterial Resistance: Ampicillin

Vector Backbone Description: Vector Backbone:Unknown; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: ECFP/Venus cytosolic calcium biosensor. Excitation = 433 / 515; Emission = 475 / 528

Plasmid Name: YC 3.6 Cameleon

Record Creation Time: 20220422T222337+0000

Record Last Update: 20260815T081714+0000

Ratings and Alerts

No rating or validation information has been found for YC 3.6 Cameleon.

No alerts have been found for YC 3.6 Cameleon.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [dkNET](#) .

Carreras-Sureda A, et al. (2023) The ER stress sensor IRE1 interacts with STIM1 to promote store-operated calcium entry, T cell activation, and muscular differentiation. *Cell reports*, 42(12), 113540.

Sharma V, et al. (2021) Trehalose limits opportunistic mycobacterial survival during HIV co-infection by reversing HIV-mediated autophagy block. *Autophagy*, 17(2), 476.