

Resource Summary Report

Generated by [RRID](#) on Aug 28, 2026

pEX-CMV-SP-YFP-STM2(15-746AA)-EF hand 3 mut (K83A,D84N,G86D)

RRID:Addgene_20174

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/20174>

Proper Citation: RRID:Addgene_20174

Insert Name: pEX-CMV-SP-YFP-STM2(15-746AA)-EF hand 3 mut (K83A,D84N,G86D)

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:18160041](#)

Vector Backbone Description: Backbone Size:0; Vector Backbone:Gateway destination vector; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: STIM2 also has P38L, V222I, and E575V, as described in the paper's supplemental material. These mutations do not affect function.

Plasmid Name: pEX-CMV-SP-YFP-STM2(15-746AA)-EF hand 3 mut (K83A,D84N,G86D)

Relevant Mutation: 3 mutations (K83A,D84N,G86D) in the EF hand of STIM2. YFP inserted between signal peptide(SP)and residues 15-746 of STIM2. (Lab plasmid WS5179)

Record Creation Time: 20220422T222050+0000

Record Last Update: 20260815T081152+0000

Ratings and Alerts

No rating or validation information has been found for pEX-CMV-SP-YFP-STM2(15-746AA)-EF hand 3 mut (K83A,D84N,G86D).

No alerts have been found for pEX-CMV-SP-YFP-STM2(15-746AA)-EF hand 3 mut (K83A,D84N,G86D).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.