

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

pmCherry-C1-FAK-HA-V744G

RRID:Addgene_35040

Type: Plasmid

Proper Citation

RRID:Addgene_35040

Plasmid Information

URL: <http://www.addgene.org/35040>

Proper Citation: RRID:Addgene_35040

Insert Name: focal adhesion kinase

Organism: Mus musculus

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:20150423](#)

Vector Backbone Description: Backbone Marker:BD Clontech; Backbone Size:4700; Vector Backbone:pmCherry-c1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: Please note that both the full plasmid sequence and Addgene's sequencing result identified a Y42H mutation when compared to GenBank entry NP_032008.2. The final two FAK amino acids are missing in this construct, as the original source for the FAK construct used in this plasmid was originally missing these same amino acids. The depositing laboratory states that the deletion should not affect any FAK function since it is outside of the FAK primary sequence.

Plasmid Name: pmCherry-C1-FAK-HA-V744G

Relevant Mutation: GFP-FAK-V744G was generated from GFP-FAK using the QuikChange site-directed mutagenesis kit (Stratagene, La Jolla, CA) with the following primers: forward, 5'-CAATCACTACCAGGGCTCTGGCTACCCG-3'; and reverse, 5'-CGGGTAGCCAGAGCCCTGGTAGTGATTG-3'; deletion of amino acids 1051 & 1052

Record Creation Time: 20220422T222149+0000

Record Last Update: 20260725T074605+0000

Ratings and Alerts

No rating or validation information has been found for pmCherry-C1-FAK-HA-V744G.

No alerts have been found for pmCherry-C1-FAK-HA-V744G.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.