

# Resource Summary Report

Generated by [RRID](#) on Aug 19, 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:** 20260815T081357+0000

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## 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.

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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.