

Resource Summary Report

Generated by [dkNET](#) on Sep 20, 2026

EGFP-MYO10-FERM-ITGBD

RRID:Addgene_194855

Type: Plasmid

Proper Citation

RRID:Addgene_194855

Plasmid Information

URL: <http://www.addgene.org/194855>

Proper Citation: RRID:Addgene_194855

Insert Name: MYO10 S2001_F2002insA/T2009D

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:34525374](#)

Vector Backbone Description: Vector Backbone:EGFPC1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: The EGFP-MYO10/ITGBD construct was generated by replacing the wild-type MYO10-FERM domain (boundaries 1504-2056 in MYO10) with an MYO10 FERM domain containing the required mutations (S2001_F2002insA/T2009D) using a gene block (IDT). The gene block was inserted in EGFP-MYO10 using the PvuI and XbaI restriction sites.

Plasmid Name: EGFP-MYO10-FERM-ITGBD

Relevant Mutation: MYO10 has the following mutations S2001_F2002insA/T2009D. These mutations were introduced to inhibit binding to ITGB1.

Record Creation Time: 20230401T080521+0000

Record Last Update: 20260919T092949+0000

Ratings and Alerts

No rating or validation information has been found for EGFP-MYO10-FERM-ITGBD.

No alerts have been found for EGFP-MYO10-FERM-ITGBD.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.