

Resource Summary Report

Generated by [RRID](#) on Aug 26, 2026

pFETCh_HOMEZ

RRID:Addgene_86289

Type: Plasmid

Proper Citation

RRID:Addgene_86289

Plasmid Information

URL: <http://www.addgene.org/86289>

Proper Citation: RRID:Addgene_86289

Insert Name: HOMEZ homology arms

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:26355004](#)

Vector Backbone Description: Vector Backbone:pFETCh_Donor; Vector Types:CRISPR; Bacterial Resistance:Kanamycin

Comments: This plasmid was co-transfected along with PX458_HOMEZ_1 and PX458_HOMEZ_2 into HepG2 cells, and genomic editing was verified by PCR. We performed ChIP-seq on this cell line using anti-FLAG Sigma F1804 and obtained data that passed our quality tests. Immunoprecipitation with anti-FLAG Sigma F1804 followed by mass spectrometry identified HOMEZ. All released data, including ChIP-seq files and validation data, are available at the ENCODE web portal:

<https://www.encodeproject.org/search/?searchTerm=flag&type=Experiment&lab.title=Richard+Myers>
. Note: This plasmid is part of the Mendenhall and Meyers CRISPR-based Tagging system to add a tag (currently using FLAG) to endogenous proteins. Please see <https://www.addgene.org/crispr/tagging/> for more details.

Plasmid Name: pFETCh_HOMEZ

Record Creation Time: 20220422T222555+0000

Record Last Update: 20260815T082133+0000

Ratings and Alerts

No rating or validation information has been found for pFETCh_HOMEZ.

No alerts have been found for pFETCh_HOMEZ.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.