

Resource Summary Report

Generated by [NIF](#) on Sep 14, 2026

pLHCX-Flag-mPKM2(K433E)

RRID:Addgene_42514

Type: Plasmid

Proper Citation

RRID:Addgene_42514

Plasmid Information

URL: <http://www.addgene.org/42514>

Proper Citation: RRID:Addgene_42514

Insert Name: Pyruvate Kinase M2 Lys433->Glu

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:22052977](#)

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:6800; Vector Backbone:pLHCX; Vector Types:Retroviral; Bacterial Resistance:Ampicillin

Comments: Christofk, H. R., Vander Heiden, M. G., Wu, N., Asara, J. M., & Cantley, L. C. (2008). Pyruvate kinase M2 is a phosphotyrosine-binding protein. Nature, 452(7184), 181–186. doi:10.1038/nature06667

Plasmid Name: pLHCX-Flag-mPKM2(K433E)

Relevant Mutation: Changed lysine 433 to glutamate

Record Creation Time: 20220422T222219+0000

Record Last Update: 20260912T092712+0000

Ratings and Alerts

No rating or validation information has been found for pLHCX-Flag-mPKM2(K433E).

No alerts have been found for pLHCX-Flag-mPKM2(K433E).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.