

# Resource Summary Report

Generated by [RRID](#) on Aug 17, 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:** 20260815T081454+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](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.