

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

FLAG-Foxo1-WT 6KR

RRID:Addgene_17560

Type: Plasmid

Proper Citation

RRID:Addgene_17560

Plasmid Information

URL: <http://www.addgene.org/17560>

Proper Citation: RRID:Addgene_17560

Insert Name: Foxo1 6KR

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:16154098](#)

Vector Backbone Description: Backbone Size:4700; Vector Backbone:pCMV5; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Plasmid has K219R and L619P polymorphisms which are not thought to affect plasmid function.

Plasmid Name: FLAG-Foxo1-WT 6KR

Relevant Mutation: K242, K245, K259, K262, K271 and K291 were replaced with arginine.

Record Creation Time: 20220422T222015+0000

Record Last Update: 20260725T074316+0000

Ratings and Alerts

No rating or validation information has been found for FLAG-Foxo1-WT 6KR.

No alerts have been found for FLAG-Foxo1-WT 6KR.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Cho HM, et al. (2018) Repression of Transcriptional Activity of Forkhead Box O1 by Histone Deacetylase Inhibitors Ameliorates Hyperglycemia in Type 2 Diabetic Rats. International journal of molecular sciences, 19(11).

Iyer S, et al. (2014) Sirtuin1 (Sirt1) promotes cortical bone formation by preventing β -catenin sequestration by FoxO transcription factors in osteoblast progenitors. The Journal of biological chemistry, 289(35), 24069.