

Resource Summary Report

Generated by [RRID](#) on Aug 19, 2026

pHEX2 QQR ZFN

RRID:Addgene_44463

Type: Plasmid

Proper Citation

RRID:Addgene_44463

Plasmid Information

URL: <http://www.addgene.org/44463>

Proper Citation: RRID:Addgene_44463

Insert Name: QQR ZFN

Organism: Synthetic

Bacterial Resistance: Spectinomycin

Vector Backbone Description: Backbone Size:13812; Vector Backbone:pHEX2; Vector Types:Plant Transformation; Bacterial Resistance:Spectinomycin

Comments: QQR ZFN reference: Even-Faitelson L, Samach A, Melamed-Bessudo C, Avivi-Ragolsky N, Levy AA (2011) Localized egg-cell expression of effector proteins for targeted modification of the Arabidopsis genome. The Plant Journal 68 (5):929-937. doi:10.1111/j.1365-313X.2011.04741.x Please refer to the references provided below for matters relating to ownership of pHEX2 for anything other than academic use. pHEX2 reference: Hellens R, Allan A, Friel E, Bolitho K, Grafton K, Templeton M, Karunairetnam S, Gleave A, Laing W (2005) Transient expression vectors for functional genomics, quantification of promoter activity and RNA silencing in plants. Plant Methods 1 (1):13. doi:10.1186/1746-4811-1-13 pART27 (used to derive pHEX2) reference: Gleave AP (1992) A versatile binary vector system with a T-DNA organisational structure conducive to efficient integration of cloned DNA into the plant genome. Plant Mol Biol 20:1203-1207

Plasmid Name: pHEX2 QQR ZFN

Record Creation Time: 20220422T222229+0000

Record Last Update: 20260815T081516+0000

Ratings and Alerts

No rating or validation information has been found for pHEX2 QQR ZFN.

No alerts have been found for pHEX2 QQR ZFN.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Johnson RA, et al. (2013) A rapid assay to quantify the cleavage efficiency of custom-designed nucleases in planta. Plant molecular biology, 82(3), 207.