

Resource Summary Report

Generated by [dkNET](#) on Sep 19, 2026

pHalo2X-mMYO7A-RK/AA

RRID:Addgene_251426

Type: Plasmid

Proper Citation

RRID:Addgene_251426

Plasmid Information

URL: <http://www.addgene.org/251426>

Proper Citation: RRID:Addgene_251426

Insert Name: Myosin VIIa (RK/AA)

Organism: Mus musculus

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:40890108](#)

Vector Backbone Description: Backbone Marker:Clontech; Vector Backbone:pHalo2X-C1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: This plasmid is derived from the Clontech pEGFP-C1 vector. The XhoI and Sall sites in the original HaloTag sequence were disrupted by silent mutations. Two missense mutations, p.R2127A and p.K2130A, were introduced into MYO7A (NP_001243012.1).

Plasmid Name: pHalo2X-mMYO7A-RK/AA

Relevant Mutation: Two missense mutations in the RGSK motif of the second MyTH4FERM domain

Record Creation Time: 20260304T052942+0000

Record Last Update: 20260919T093857+0000

Ratings and Alerts

No rating or validation information has been found for pHalo2X-mMYO7A-RK/AA.

No alerts have been found for pHalo2X-mMYO7A-RK/AA.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.