

Resource Summary Report

Generated by [NIF](#) on Aug 23, 2026

pLEX307-EF1a-ChR2[H134R]-mCherry-Puro-WPRE

RRID:Addgene_125256

Type: Plasmid

Proper Citation

RRID:Addgene_125256

Plasmid Information

URL: <http://www.addgene.org/125256>

Proper Citation: RRID:Addgene_125256

Insert Name: hChR2(H134R)

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:30324134](#)

Vector Backbone Description: Backbone Marker:Addgene #41392 (provided by David Root); Backbone Size:8423; Vector Backbone:pLEX_307; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Plasmid Name: pLEX307-EF1a-ChR2[H134R]-mCherry-Puro-WPRE

Record Creation Time: 20220422T221657+0000

Record Last Update: 20260815T080415+0000

Ratings and Alerts

No rating or validation information has been found for pLEX307-EF1a-ChR2[H134R]-mCherry-Puro-WPRE.

No alerts have been found for pLEX307-EF1a-ChR2[H134R]-mCherry-Puro-WPRE.

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 [NIF](#) .

Osaki T, et al. (2020) On-chip 3D neuromuscular model for drug screening and precision medicine in neuromuscular disease. Nature protocols, 15(2), 421.