

Resource Summary Report

Generated by [RRID](#) on Aug 22, 2026

pLNCX2-mEGFP-VPS4A

RRID:Addgene_116924

Type: Plasmid

Proper Citation

RRID:Addgene_116924

Plasmid Information

URL: <http://www.addgene.org/116924>

Proper Citation: RRID:Addgene_116924

Insert Name: VPS4A

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:25099357](#)

Vector Backbone Description: Backbone Marker:Clontech; Vector Backbone:pLNCX2; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

Plasmid Name: pLNCX2-mEGFP-VPS4A

Relevant Mutation: silent mutation in position 4059 C to T

Record Creation Time: 20220422T221612+0000

Record Last Update: 20260815T080249+0000

Ratings and Alerts

No rating or validation information has been found for pLNCX2-mEGFP-VPS4A.

No alerts have been found for pLNCX2-mEGFP-VPS4A.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Gu F, et al. (2025) Negative interplay between HIV-1 Gag and amyloid precursor protein centers around competition for VPS4A and TSG101. Proceedings of the National Academy of Sciences of the United States of America, 122(34), e2503988122.

Makar AN, et al. (2024) The V-ATPase complex component RNaseK is required for lysosomal hydrolase delivery and autophagosome degradation. Nature communications, 15(1), 7743.

Coyne AN, et al. (2021) The ESCRT-III protein VPS4, but not CHMP4B or CHMP2B, is pathologically increased in familial and sporadic ALS neuronal nuclei. Acta neuropathologica communications, 9(1), 127.