

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

mCherry-Cb5-IRES-puromycin-pLVx-EF1a

RRID:Addgene_177434

Type: Plasmid

Proper Citation

RRID:Addgene_177434

Plasmid Information

URL: <http://www.addgene.org/177434>

Proper Citation: RRID:Addgene_177434

Insert Name: Cb5 tail anchor

Organism: Rattus norvegicus

Bacterial Resistance: Ampicillin

Vector Backbone Description: Vector Backbone:pLVX-EF1a-IRES-Puromycin; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Comments: Infection with this plasmid will express mCherry-fused to the N-terminus of Cb5 tail anchor sequence "ITTVESNSSWWTNWWIPAISALVVALMYRLYMAED", which targets the cytoplasmic face of endoplasmic reticulum. There is a flexible, 7 aa linker "SGLRSGK", between mCherry and Cb5.

Plasmid Name: mCherry-Cb5-IRES-puromycin-pLVx-EF1a

Record Creation Time: 20230105T080347+0000

Record Last Update: 20260725T075601+0000

Ratings and Alerts

No rating or validation information has been found for mCherry-Cb5-IRES-puromycin-pLVx-EF1a.

No alerts have been found for mCherry-Cb5-IRES-puromycin-pLVx-EF1a.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.