

Resource Summary Report

Generated by [RRID](#) on Aug 18, 2026

pDmelOR

RRID:Addgene_126476

Type: Plasmid

Proper Citation

RRID:Addgene_126476

Plasmid Information

URL: <http://www.addgene.org/126476>

Proper Citation: RRID:Addgene_126476

Insert Name: DmelOrco

Organism: Drosophila melanogaster

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:31504297](https://pubmed.ncbi.nlm.nih.gov/31504297/)

Vector Backbone Description: Backbone Size:4111; Vector Backbone:pCMV-BI; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Is it recommended to digest the vector with XhoI and PvuI-HF and gel purify the two bands before sequencing as the two CMV promoters and SV40-polyA sequences are very similar to each other. Use the EcoRI restriction site for best functional expression on the MCS2. Please visit <https://www.biorxiv.org/content/10.1101/669127v1> for BioRxiv preprint

Plasmid Name: pDmelOR

Relevant Mutation: codon optimization for H. sapiens; includes a recombinant ??-globin/IgG chimeric intron to inhibit its functional expression in bacteria

Record Creation Time: 20220422T221703+0000

Record Last Update: 20260815T080426+0000

Ratings and Alerts

No rating or validation information has been found for pDmelOR.

No alerts have been found for pDmelOR.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.