

# Resource Summary Report

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

## pDmelOR-mRho.V5.mER.hOr47a

RRID:Addgene\_126478

Type: Plasmid

### Proper Citation

RRID:Addgene\_126478

### Plasmid Information

**URL:** <http://www.addgene.org/126478>

**Proper Citation:** RRID:Addgene\_126478

**Insert Name:** Or47a

**Organism:** Drosophila melanogaster

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID: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 NaeI and gel purify the two bands before sequencing as the two CMV promoters and SV40-polyA sequences are very similar to each other Please visit <https://www.biorxiv.org/content/10.1101/669127v1> for BioRxiv preprint

**Plasmid Name:** pDmelOR-mRho.V5.mER.hOr47a

**Relevant Mutation:** codon optimization for H. sapiens

**Record Creation Time:** 20220422T221703+0000

**Record Last Update:** 20260815T080426+0000

### Ratings and Alerts

No rating or validation information has been found for pDmelOR-mRho.V5.mER.hOr47a.

No alerts have been found for pDmelOR-mRho.V5.mER.hOr47a.

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## Data and Source Information

**Source:** [Addgene](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.