

Resource Summary Report

Generated by [RRID](#) on Aug 21, 2026

pDONR223_OR2M2_p.N42Y

RRID:Addgene_81638

Type: Plasmid

Proper Citation

RRID:Addgene_81638

Plasmid Information

URL: <http://www.addgene.org/81638>

Proper Citation: RRID:Addgene_81638

Insert Name: OR2M2

Organism: Homo sapiens

Bacterial Resistance: Spectinomycin

Defining Citation: [PMID:27147599](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:2790; Vector Backbone:pDONR223; Vector Types:Gateway Cloning; Bacterial Resistance:Spectinomycin

Comments: Closed state: stop codon immediately follows insert

Plasmid Name: pDONR223_OR2M2_p.N42Y

Relevant Mutation: N42Y; R220G; C235R

Record Creation Time: 20220422T222531+0000

Record Last Update: 20260815T082049+0000

Ratings and Alerts

No rating or validation information has been found for pDONR223_OR2M2_p.N42Y.

No alerts have been found for pDONR223_OR2M2_p.N42Y.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.