# Resource Summary Report

Generated by dkNET on Aug 18, 2026

## pDONR-221-P3-P4

RRID:Addgene_186351
Type: Plasmid

### Proper Citation

RRID:Addgene_186351

### Plasmid Information

**URL:** http://www.addgene.org/186351

**Proper Citation:** RRID:Addgene_186351

**Bacterial Resistance:** Chloramphenicol and Kanamycin

**Defining Citation:** PMID:17878951

**Vector Backbone Description:** Backbone Marker:PMID: 14736459; Backbone Size:4768; Vector Backbone:PDONR-221 P1-P2; Vector Types:Gateway Cloning; Bacterial Resistance:Chloramphenicol and Kanamycin

**Comments:** Backbone was modified with ApaI (attP3) / EcoRI (attP4) and PstI (attP3) / EcoRV (attP4) sites

**Plasmid Name:** pDONR-221-P3-P4

**Record Creation Time:** 20220930T080237+0000

**Record Last Update:** 20260815T082349+0000

### Ratings and Alerts

No rating or validation information has been found for pDONR-221-P3-P4.

No alerts have been found for pDONR-221-P3-P4.

### Data and Source Information

**Source:** Addgene

### Usage and Citation Metrics

We found 2 mentions in open access literature.

**Listed below are recent publications.** The full list is available at dkNET .

Knittel TL, et al. (2025) Interdependence of Pasha and Drosha for localization and function of the Microprocessor in C. elegans. Nature communications, 16(1), 5595.

Montgomery BE, et al. (2024) Regulation of Microprocessor assembly and localization via Pasha's WW domain in C. elegans. bioRxiv : the preprint server for biology.