

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

pAIP4_6WEY

RRID:Addgene_234234

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/234234>

Proper Citation: RRID:Addgene_234234

Insert Name: 6WEY

Organism: Severe acute respiratory syndrome coronavirus 2

Bacterial Resistance: Kanamycin

Vector Backbone Description: Backbone Size:5679; Vector Backbone:pET29b; Vector Types:Bacterial Expression; Bacterial Resistance:Kanamycin

Comments: 5' cloning site: BsaI (destroyed), 3' cloning site: BsaI (destroyed). Replicase polyprotein 1ab (pp1ab) (ORF1ab polyprotein) [Cleaved into Host translation inhibitor nsp1 (Leader protein) (Non-structural protein 1) (nsp1); Non-structural protein 2 (nsp2) (p65 homolog); Non-structural protein 3 (nsp3) (EC 3.4.19.12) (EC 3.4.22.-) (PL2-PRO) (Papain-like protease) (Papain-like proteinase) (PL-PRO); Non-structural protein 4 (nsp4); 3C-like proteinase (3CL-PRO) (3CLp) (EC 3.4.22.69) (Main protease) (Mpro) (Non-structural protein 5) (nsp5) (SARS coronavirus main proteinase); Non-structural protein 6 (nsp6); Non-structural protein 7 (nsp7); Non-structural protein 8 (nsp8); Non-structural protein 9 (nsp9); Non-structural protein 10 (nsp10) (Growth factor-like peptide) (GFL); RNA-directed RNA polymerase (Pol) (RdRp) (EC 2.7.7.48) (Non-structural protein 12) (nsp12); Helicase (Hel) (EC 3.6.4.12) (EC 3.6.4.13) (Non-structural protein 13) (nsp13); Proofreading exoribonuclease (ExoN) (EC 3.1.13.-) (Guanine-N7 methyltransferase) (Non-structural protein 14) (nsp14); Uridylate-specific endoribonuclease (EC 3.1.-.-) (NendoU) (Non-structural protein 15) (nsp15); 2'-O-methyltransferase (EC 2.1.1.-) (Non-structural protein 16) (nsp16)]

Plasmid Name: pAIP4_6WEY

Record Creation Time: 20250308T090904+0000

Record Last Update: 20260725T080258+0000

Ratings and Alerts

No rating or validation information has been found for pAIP4_6WEY.

No alerts have been found for pAIP4_6WEY.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.