

Resource Summary Report

Generated by [NIF](#) on Sep 20, 2026

pEM184_30x147bp_Widom601

RRID:Addgene_240634

Type: Plasmid

Proper Citation

RRID:Addgene_240634

Plasmid Information

URL: <http://www.addgene.org/240634>

Proper Citation: RRID:Addgene_240634

Insert Name: 30x 147-bp Widom 601

Organism: Synthetic

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:40291647](#)

Vector Backbone Description: Backbone Marker:Erik Jorgensen (Addgene plasmid #73738); Backbone Size:2438; Vector Backbone:pMLS280; Vector Types:DNA amplification; Bacterial Resistance:Kanamycin

Comments: Cloning carried out as in: Dyer PN, Edayathumangalam RS, White CL, Bao Y, Chakravarthy S, Muthurajan UM, Luger K. Reconstitution of nucleosome core particles from recombinant histones and DNA. *Methods Enzymol.* 2004;375:23-44. doi: 10.1016/s0076-6879(03)75002-2. PMID: 14870657. DNA purification as in: Paintsil EA, Morrison EA. Preparation of Recombinant Histones and Widom 601 DNA for Reconstitution of Nucleosome Core Particles. *Methods Mol Biol.* 2023;2599:163-175. doi: 10.1007/978-1-0716-2847-8_12. PMID: 36427149. Nucleosome core particle reconstitutions largely as in: Hammonds EF, Morrison EA. Nucleosome Core Particle Reconstitution with Recombinant Histones and Widom 601 DNA. *Methods Mol Biol.* 2023;2599:177-190. doi: 10.1007/978-1-0716-2847-8_13. PMID: 36427150. Exception: Suggest reconstitution molar ratios of 1:1:2 DNA:H3/H4-tetramer:H2A/H2B-dimer. Please visit <https://doi.org/10.1101/2025.04.09.647968> for bioRxiv preprint.

Plasmid Name: pEM184_30x147bp_Widom601

Record Creation Time: 20250910T053323+0000

Record Last Update: 20260919T093738+0000

Ratings and Alerts

No rating or validation information has been found for pEM184_30x147bp_Widom601.

No alerts have been found for pEM184_30x147bp_Widom601.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.