

Resource Summary Report

Generated by [dkNET](#) on Aug 20, 2026

pBIG2ab

RRID:Addgene_80616

Type: Plasmid

Proper Citation

RRID:Addgene_80616

Plasmid Information

URL: <http://www.addgene.org/80616>

Proper Citation: RRID:Addgene_80616

Bacterial Resistance: Chloramphenicol and Ampicillin

Defining Citation: [PMID:27114506](#)

Vector Backbone Description: Backbone Size:5668; Vector Backbone:pBIG2ab; Vector Types:Insect Expression; Bacterial Resistance:Chloramphenicol and Ampicillin

Plasmid Name: pBIG2ab

Record Creation Time: 20220422T222526+0000

Record Last Update: 20260815T082040+0000

Ratings and Alerts

No rating or validation information has been found for pBIG2ab.

No alerts have been found for pBIG2ab.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at [dkNET](#) .

Wutz G, et al. (2026) PDS5 proteins control genome architecture by limiting the lifetime of cohesin-NIPBL complexes. *Molecular cell*, 86(9), 1614.

Niekamp S, et al. (2026) Mutual antagonism between PRC1 condensates and SWI/SNF in chromatin regulation. *Molecular cell*, 86(9), 1673.

Davidson IF, et al. (2025) Cohesin supercoils DNA during loop extrusion. *Cell reports*, 44(6), 115856.

Nagasaka K, et al. (2023) Cohesin mediates DNA loop extrusion and sister chromatid cohesion by distinct mechanisms. *Molecular cell*, 83(17), 3049.

Bauer BW, et al. (2021) Cohesin mediates DNA loop extrusion by a "swing and clamp" mechanism. *Cell*, 184(21), 5448.