

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

pDSM-5a

RRID:Addgene_127716

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/127716>

Proper Citation: RRID:Addgene_127716

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:29753070](#)

Vector Backbone Description: Vector Backbone:pDSM; Vector Types:Synthetic Biology; Bacterial Resistance:Kanamycin

Comments: Assembles a transcription unit and adds pathway position 1 homology arms, compatible with 5' ChrXV homology arm (5int) and 3' position 2 homology arm. Ccdb selection is used to select for correct clones. Sequencing primers are also the primers for amplifying DNA for integration into the *S. cerevisiae* genome.

Plasmid Name: pDSM-5a

Record Creation Time: 20220422T221710+0000

Record Last Update: 20260808T080715+0000

Ratings and Alerts

No rating or validation information has been found for pDSM-5a.

No alerts have been found for pDSM-5a.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.