

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 17, 2026

DH10B E. coli aptI/gidB::Landing Pad

RRID:Addgene_83036

Type: Plasmid

Proper Citation

RRID:Addgene_83036

Plasmid Information

URL: <http://www.addgene.org/83036>

Proper Citation: RRID:Addgene_83036

Insert Name: none

Organism: Other

Bacterial Resistance: Tetracycline

Defining Citation: [PMID:25853840](#)

Vector Backbone Description: Vector Backbone:none; Vector Types:; Bacterial Resistance:Tetracycline

Comments: Precursor strain: ElectroMAX DH10B E. coli cells Landing pad cassette at at the aptI/gidB locus includes in this order: I-SceI restriction site - Landing Pad 1 (LP1) sequence - tetA gene - Landing Pad 2 (LP2) sequence - I-SceI restriction site. This strain was made based on the technology described in the Kulman and Cox 2010 Nucleic Acids Res. paper: Site-specific chromosomal integration of large synthetic constructs. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2847246/>

Plasmid Name: DH10B E. coli aptI/gidB::Landing Pad

Record Creation Time: 20220422T222538+0000

Record Last Update: 20260912T093256+0000

Ratings and Alerts

No rating or validation information has been found for DH10B E. coli aptI/gidB::Landing Pad.

No alerts have been found for DH10B E. coli aptI/gidB::Landing Pad.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Reeves AZ, et al. (2016) Transfer of Large Contiguous DNA Fragments onto a Low Copy Plasmid or into the Bacterial Chromosome. Bio-protocol, 6(22).