

Resource Summary Report

Generated by [RRID](#) on Aug 26, 2026

pFastBac Dual LIC cloning vector (5A)

RRID:Addgene_30121

Type: Plasmid

Proper Citation

RRID:Addgene_30121

Plasmid Information

URL: <http://www.addgene.org/30121>

Proper Citation: RRID:Addgene_30121

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Size:5279; Vector Backbone:pFastBac Dual; Vector Types:Insect Expression; Bacterial Resistance:Ampicillin

Comments: This plasmid is a LIC-adapted pFastBac Dual vector. It uses the same PCR primer tags as with most of our other vectors, so one PCR product can be inserted into many different vectors at once. This vector is a dual expression vector, and your 2 genes can be inserted in any order (check your gene for internal restriction sites, as this may dictate cloning order). LIC site v1: Add the following tags to your PCR primers: LicV1 Forward Tag TACTTCCAATCCAATGCA(ATG) LicV1 Reverse Tag TTATCCCACTTCCAATGTTATTA Linearize vector with SspI and gel purify. T4-treat vector with dGTP. For the PCR product, T4-treat with dCTP. LIC site v2 LicV2 Forward Tag TTTAAGAAGGAGATATAGATC(ATG) LicV2 Reverse Tag TTATGGAGTTGGGATCTTATTA Linearize vector with EcoRV and gel purify. T4-treat vector with dCTP. For the PCR product, T4-treat with dGTP. To sequence LIC site v1, use the following primers: LicBac dual V1 F cctataactattccggattattcataccgtc LicBac dual V1 R cagggttcagggggaggtgtg To sequence LIC site v2, use the following primers: LicBac dual V2 F gtcatagcgcgggttcctcc LicBac dual V2 R ggagtatacgaccttaattcaaccc For more information, please see our website: <http://qb3.berkeley.edu/qb3/macrolab/>

Plasmid Name: pFastBac Dual LIC cloning vector (5A)

Record Creation Time: 20220422T222132+0000

Record Last Update: 20260815T081325+0000

Ratings and Alerts

No rating or validation information has been found for pFastBac Dual LIC cloning vector (5A).

No alerts have been found for pFastBac Dual LIC cloning vector (5A).

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 [RRID](#) .

Kroupova A, et al. (2021) Molecular architecture of the human tRNA ligase complex. eLife, 10.