

Resource Summary Report

Generated by [RRID](#) on Aug 17, 2026

DHL708

RRID:Addgene_98417

Type: Plasmid

Proper Citation

RRID:Addgene_98417

Plasmid Information

URL: <http://www.addgene.org/98417>

Proper Citation: RRID:Addgene_98417

Insert Name: Genotype: MC4100 ?clpPX

Bacterial Resistance: Streptomycin

Defining Citation: [PMID:27732583](#)

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

Comments: Strain DHL708 was built by deleting the clpPX operon with lambda-Red mediated homologous recombination. The FRT-flanked Kan cassette was then flipped out using the FLP recombinase (pCP20). The deletion region can be PCR-amplified and sequenced using the primers CCGCTCGAGTTTACGCAGCATAACGCGCTAAATTC and CGTCAGTATATGGGGATGTTTCCCC. Originally described in Landgraf, D., Okumus, B., Chien, P., Baker, T. A. & Paulsson, J. Segregation of molecules at cell division reveals native protein localization. Nat Methods 9, 480–482 (2012).

Plasmid Name: DHL708

Record Creation Time: 20220422T222630+0000

Record Last Update: 20260815T082239+0000

Ratings and Alerts

No rating or validation information has been found for DHL708.

No alerts have been found for DHL708.

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](#) .

Cannarsa MC, et al. (2024) Light-driven synchronization of optogenetic clocks. eLife, 13.