

Resource Summary Report

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Plasmid Vectors

RRID:SCR_023475

Type: Tool

Proper Citation

Plasmid Vectors (RRID:SCR_023475)

Resource Information

URL: <https://plasmidvectors.com/>

Proper Citation: Plasmid Vectors (RRID:SCR_023475)

Description: Portal provides link to design and order pMTL plasmid backbones created at BBSRC/EP SRC Synthetic Biology Research Centre, Nottingham, UK, for general cloning, expression and gene engineering (random and directed) in variety of chassis, including Clostridium sp and other anaerobes, thermophilic bacilli (Geobacillus), Cupriavidus (Ralstonia), and methanotrophs, such as Methylococcus capsulatus.

Resource Type: data or information resource, portal, organization portal, service resource

Keywords: Synthetic Biology Research Centre, plasmid design, plasmid order, pMTL plasmid backbones, general cloning, expression and gene engineering,

Availability: Restricted

Resource Name: Plasmid Vectors

Resource ID: SCR_023475

Alternate URLs: <https://store.nottingham.ac.uk/product-catalogue/schools-and-departments/synthetic-biology-research-centre/pmtl80000-modular-plasmid-vectors>

Record Creation Time: 20230418T050210+0000

Record Last Update: 20260819T044602+0000

Ratings and Alerts

No rating or validation information has been found for Plasmid Vectors.

No alerts have been found for Plasmid Vectors.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Baur KS, et al. (2025) Protocol to obtain genetically engineered *Acetobacterium woodii* and *Eubacterium callanderi* strains. STAR protocols, 6(3), 104011.

Lau MSH, et al. (2024) Parageobacillus thermoglucosidasius Strain Engineering Using a Theophylline Responsive RiboCas for Controlled Gene Expression. ACS synthetic biology, 13(4), 1237.

Poulalier-Delavelle M, et al. (2023) Endogenous CRISPR/Cas systems for genome engineering in the acetogens *Acetobacterium woodii* and *Clostridium autoethanogenum*. Frontiers in bioengineering and biotechnology, 11, 1213236.

Omorotionmwan BB, et al. (2023) Chromosomal engineering of inducible isopropanol-butanol-ethanol production in *Clostridium acetobutylicum*. Frontiers in bioengineering and biotechnology, 11, 1218099.

Millard J, et al. (2023) Exploitation of a Type 1 Toxin-Antitoxin System as an Inducible Counter-Selective Marker for Genome Editing in the Acetogen *Eubacterium limosum*. Microorganisms, 11(5).

Seys FM, et al. (2023) Base editing enables duplex point mutagenesis in *Clostridium autoethanogenum* at the price of numerous off-target mutations. Frontiers in bioengineering and biotechnology, 11, 1211197.