

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/EPSRC 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, organization portal, 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: 20260905T133101+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 [PRECISE-TBI](#) .

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.

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.

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).