

Aug 17, 2020

Version 2

Basic Molecular Biology V.2

DOI

<https://dx.doi.org/10.17504/protocols.io.bc64izgw>



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Protocol status: Working

We use this protocol and it's working

Created: March 03, 2020

Last Modified: August 17, 2020

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Keywords: basic molecular biology, christensen lab, public protocol, protocol

Abstract

A collection of public protocols used in the Christensen Lab.



Files

Protocol



NAME

Bacterial transformation

VERSION 2

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**Addgene The Nonprofit Plasmid Repository**
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Protocol



NAME

Agarose Gel Electrophoresis

VERSION 1

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NAME

Electroporation Protocol

VERSION 1

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Protocol



NAME

Creating Bacterial Glycerol Stocks for Long-term Storage of Plasmids

VERSION 1



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Diagnostic Restriction Digest

VERSION 1

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Restriction Digest

VERSION 2

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DNA Ligation

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DNA Quantification

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How to Design a Primer

VERSION 1

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Primer Design for Restriction Enzyme Cloning (E6901)

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Inoculating a Liquid Bacterial Culture

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Pouring LB Agar Plates

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Polymerase Chain Reaction (PCR)

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Purifying DNA from an Agarose Gel

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Sequence Analysis of a Plasmid

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Streaking and Isolating Bacteria on an LB Agar Plate

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Making your own electrocompetent cells

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Drop Dialysis

VERSION 1

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