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Basic Molecular Biology

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In Development

[dx.doi.org/10.17504/protocols.io.bcpixvn](https://doi.org/10.17504/protocols.io.bcpixvn)



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ABSTRACT

A collection of public protocols used in the Christensen Lab.

Files



Bacterial transformation
by Addgene The Nonprofit Plasmid Repository,
Addgene



Agarose Gel Electrophoresis
by Addgene The Nonprofit Plasmid Repository,
Addgene



Electroporation Protocol
by New England Biolabs,
New England Biolabs



Creating Bacterial Glycerol Stocks for Long-term Storage of Plasmids
by Addgene The Nonprofit Plasmid Repository,
Addgene



Diagnostic Restriction Digest
by Addgene The Nonprofit Plasmid Repository,
Addgene



Restriction Digest
by New England Biolabs,
New England Biolabs



DNA Ligation
by Addgene The Nonprofit Plasmid Repository,
Addgene



DNA Quantification
by Addgene The Nonprofit Plasmid Repository,
Addgene



How to Design a Primer
by Addgene The Nonprofit Plasmid Repository,



Primer Design for Restriction Enzyme Cloning (E6901)
by New England Biolabs,
New England Biolabs



Inoculating a Liquid Bacterial Culture
by Addgene The Nonprofit Plasmid Repository,
Addgene



Pouring LB Agar Plates
by Addgene The Nonprofit Plasmid Repository,
Addgene



Polymerase Chain Reaction (PCR)
by Addgene The Nonprofit Plasmid Repository,
Addgene



Purifying DNA from an Agarose Gel
by Addgene The Nonprofit Plasmid Repository,
Addgene



Sequence Analysis of a Plasmid
by Addgene The Nonprofit Plasmid Repository,
Addgene



Streaking and Isolating Bacteria on an LB Agar Plate
by Addgene The Nonprofit Plasmid Repository,
Addgene



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