Paper Plasmid Lab

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Paper Plasmid Lab 1. 1-15-16 Agenda & Objective Paper Page 3/24

Plasmid Lab ObjectiveObjective Create a model of a recombinant plasmid and use it to explain how they are made and why they are useful 2. Preparation Cut out the Cell DNA (goldenrod). These must be glued together in the order indicated this DNA in one long sheet

Paper plasmid lab -

LinkedIn SlideShare Two segments. Teacher directions followed by student results and discussion. Key Terms Reviewed: **Functional** Recombinant DNA Restriction enzyme, Transgenic Organism, Plasmid, Gene Splicing

LAB: Recombinant DNA using Paper Plasmids Paper Plasmid Lab

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Paper Plasmid Lab Answers - SEAPA Page 6/24

LAB: CLONING PAPER PLASMID In this exercise you will use paper to simulate the cloning of a gene from one organism into a bacterial plasmid using a restriction enzyme digest. The plasmid (puc18 plasmid) can then be used to transform bacteria so that it now expresses a new gene and produces a new protein. 1.

Answers Lab Cloning Paper Plasmid Cloning a Paper Plasmid This lab is a nice quick paper demo on the process of cloning a gene into a plasmid. It reviews the concepts of restriction enzymes, "sticky ends", cloning, and transformation. It is helpful to get a picture in students' heads of the process.

Explore Biology | Page 8/24

Labs | AP Biology Teaching & Learning

Name Period LAB: CLONING PAPER PLASMID In this exercise you will use paper to simulate the cloning of a gene from one organism into a bacterial plasmid using a restriction enzyme digest. The plasmid (puc18 plasmid) can then be used to transform bacteria so that it now expresses a

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Activity-Cloning a **Paper Plasmid** rfp.doc - Name Period LAB ... Kindle File Format Cloning Paper Plasmid LAB: CLONING PAPER PLASMID In this exercise you will use paper to simulate the cloning of a gene from one organism into a bacterial plasmid using

a restriction enzyme digest. The plasmid (puc18 plasmid) can then be used to transform bacteria so that it now expresses a new gene and produces a new protein. 1.

Lab Cloning Paper Plasmid eufacobonito.com.br The plasmid pattern sheet is arranged in long strips. Starting from the left side of the

page, cut the first strip off and LABEL IT #1 on the back. Cut the second strip off the paper and label it #2. Continue to cut and label each strip until you have 6 strips on your table with each one of them numbered in sequence 1 to 6.

Recombinant Paper Plasmids Cut-and-Paste Biotechnology LAB ___: CLONING PAPER PLASMID In this Page 12/24

exercise you will use paper to simulate the cloning of a gene from one organism into a bacterial plasmid using a restriction enzyme digest. The plasmid (puc18 plasmid) can then be used to transform bacteria so that it now expresses a new gene and produces a new protein. 1.

A AGCT T TCGA A G AATT C TTAA G -Page 13/24

Explore Biology Acces PDF Biology Lab Cloning Paper Plasmid Answers Key In some transformation experiments, a colorprocessing gene such as LacZ gene is utilized for confirmation of the molecular cloning (inserting a DNA fragment of interest into a plasmid vector). Plasmids with an uninterrupted LacZ gene turn their bacteria blue. Page 14/24

Biology Lab Cloning **Paper Plasmid Answers Key** Recombinant Paper Plasmid Background LAB : CLONING PAPER PLASMID In this exercise you will use paper to simulate the cloning of a gene from one organism into a bacterial plasmid using a restriction enzyme digest. The plasmid (puc18 plasmid) can then be used to

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Lab Cloning Paper Plasmid Answers - m ail.trempealeau.net LAB: CLONING PAPER PLASMID In this exercise you will use paper to simulate the cloning of a gene from one organism into a bacterial plasmid using a restriction enzyme

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AAAGCTTTGC...... GGTCGAAAGC.....

LAB ___: CLONING
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Paper Plasmid
Answers Key
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Recombinant Paper
Plasmid Lab Answers
Make copies of the
DNA Sequences for CutOuts, one per group; it
is helpful if the plasmid

DNAs (page 1) are printed on different colored paper from the mammal DNAs (page 2) to help distinguish them during the activity. Then cut the DNA sequences into strips.

Recombinant Paper Plasmid Lab Answers

Cut out the PLASMID (pink strips). Discard ANY TWO of the strips (except for the strip Page 1924

which contains the "origin of replication" site (se e code at bottom of pink sheet). Shuffle the strips and tape the end of one to the end of another in any random fashion (as long as the letters are going in the same direction).

The E. coli Insulin
Factory - BIOLOGY
JUNCTION
Just cut out the area of
the filter paper with
Page 20024

the plasmid. Put 50ul of TE buffer or just destilled water together with filter paper into a 1.5ml tube. You can also squash paper in tube with...

How can I elute plasmid dried on paper and transform

•••

Bacterial Transformation with pGLO Essay Bacterial Transformation with Page 21/24

pGLO Essay Bacterial Transformation with pGLO Essay . Pglo Lab Results. PRELAB:Read about the control of cistron look on pages 353-356 and about transmutation on page 348 of the text edition.Read this lab and be ready to get down the exercisings. Specify the undermentioned footings (but do non manus in): transmutation ...

Bacterial Transformation Lab Report Paper -PaperAp.com Cut out the filter paper, spot 10 microlitres of plasmid solution onto it, allow it to dry for a few minutes, then cover with sandwich wrap. All the recipient has to do is pop the disc into a microfuge tube containing some clean TE and at least enough DNA for a

transformation will redissolve into the TE.

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