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Abstract

This document is a mock-up of the Recombinase HTML Webpage, which is used to store computing data from MoClo Computing and Gibson Assembly, among other sources of data as well provided by the BU CIDAR LAB

Date: 7/20/2017

Recombinase HTML WEBpage Mockup

CIDAR LAB

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# UROP Project 5: Recombinase HTML Mockup

\*\* NOTE: ONLY A DESIGN \*\*

\*\* NOTE: NOT drawn to scale!

1. Login Page:



**Gibson Assembly Login Page:**

Please Enter the Following Credentials:

Username

Username

Password

Login

Login to the Gibson Assembly:

Password

# UROP Project 5: Recombinase HTML Mockup

1. Lab Selection Page

**CIDAR LAB SELECTION**

Select A Lab: ∇

CIDAR LAB

WET LAB

DAMP LAB

iGEM

# **Move Onto Next Page**

# UROP Project 5: Recombinase HTML Mockup

1. Select Action Page



**Select An Action:**

# View / Edit Data

# Upload Data

# Download Data

# Search Data

# Create Data

# External Links

# UROP Project 5: Recombinase HTML Mockup

1. View Data Page

# DNA Fragments

# PCR Amplified Products

# Procedure for Gibson Assembly / Rxn

**File Repository:**

View Existing Files:

# All Files

# CSV

# Gibson Assembly

# Images

# Other Files

# UROP Project 5: Recombinase HTML Mockup

1. DNA Fragment Table:

DNA Fragment Table:

|  |  |  |
| --- | --- | --- |
| DNA Fragment | | |
| Name | Location | DNA Fragment Size (kb) |
| Backbone | pNR160 | 6756 |
|  |  |  |
| TP901B-TC | pNR160 | 136 |
|  |  |  |
| tP901B-AG | pNR160 | 135 |
|  |  |  |
| proD | pNR291 | 144 |
|  |  |  |
| BxBIB-GT | pNR160 | 133 |
|  |  |  |
| BFP | pNR291 | 144 |
|  |  |  |
| TP9019P-AG | pNR160 | 135 |
|  |  |  |
| BxBIP-GT | pNR160 | 143 |
|  |  |  |
| TP901P-TC | pNR160 | 134 |
|  |  |  |
| GFP | from a gblock | 133 |

# UROP Project 5: Recombinase HTML Mockup

1. PCR (Amplified) Table:

DNA Fragment Table:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Polymerase | Temperature | Extension Time | Primer Fwd | Primer Rev | Conc | A260/280 | image |
|  |  |  | 258 | 259 |  |  | bbn |
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# UROP Project 5: Recombinase HTML Mockup

1. Rxn (Step for Gibson Assembly) Table:

Rxn setup:

|  |  |  |  |
| --- | --- | --- | --- |
| Rxn setup | | | |
| ng. reqd. | uL reqd. | fmol | [solution] |
|  |  |  |  |
|  |  |  |  |
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# UROP Project 5: Recombinase HTML Mockup

1. Upload Data Page

**CIDAR MoClo / Gibson File Storage:**

Add a new file to the storage:

**Upload File:**

Choose File

no file selected

Submit

# UROP Project 5: Recombinase HTML Mockup

1. Download Data Page

**Rxn setup:**

# 

Click on the following files to download:

Download Files:

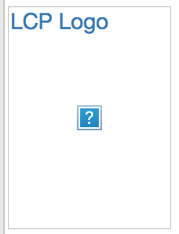
# All files

# CSV

# Gibson Assembly

# Other Files

Download LCP Logo:



Download JoVE TECAN Word Document:



Download JoVE CSV / Excel File:



# UROP Project 5: Recombinase HTML Mockup

1. Search Data / Image Repository:

**Repository Within Gibson Assembly:**

Please search within the repository:

Press Enter To Search…

**Image Repository:**

|  |  |  |  |
| --- | --- | --- | --- |
| Tagged? | Images | Date of Upload | Date Tagged |
| yes | bbn | 06-23-2017 | 07-11-2017 |
| no |  |  |  |
| no |  |  |  |
| no |  |  |  |

Thu Jul 20 2017 14:59:14 GMT-0400 (EDT)

# UROP Project 5: Recombinase HTML Mockup

1. Thumbnails Page:

Gibson Assembly Thumbnails:

|  |  |  |  |
| --- | --- | --- | --- |
| **Image:** | **Number:** | **Thumbnail:** | **(dd/mm/yyyy hh:mm:ss)** |
| Image: The New and Old Primer Tests from Rohin’s Notebook | 1 |  | 2017-04-22  17:45:46 |
| Image 2: Gel Assembly Parts (Bbn, NC, GFP Requirements, NC, GFP backbone) | 2 |  | 2017-04-21  18:46:53 |
| Image 3: DNA Fragment Temperature | 3 |  | 2017-06-23  12:07:00 |
| Image 4: Various Lanes for Experiment | 4 |  | 2017-06-23  12:05:00 |

Upload your own image onto the Desktop (.png, .jpeg / .jpg or .img are preferred, Resolution should not exceed 1500 \* 1500 pixels)

# UROP Project 5: Recombinase HTML Mockup

1. External Links:



**To connect to other sites, click on one of the buttons below:**

SynBioHub

Go To Site:



iGEM

Go To Site:



Damp Lab

Go To Site: