REQUEST A PLASMID

Use the following link: https://forms.gle/YKxWG7ta4P9qhrAz8

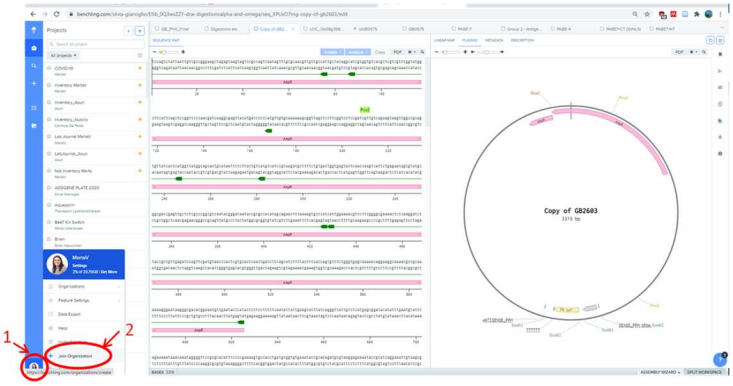
In order to request a plasmid from the IBMCP biorepository first access the list of available plasmids:

How to access the list of plasmids available at the IBMCP biorepository?

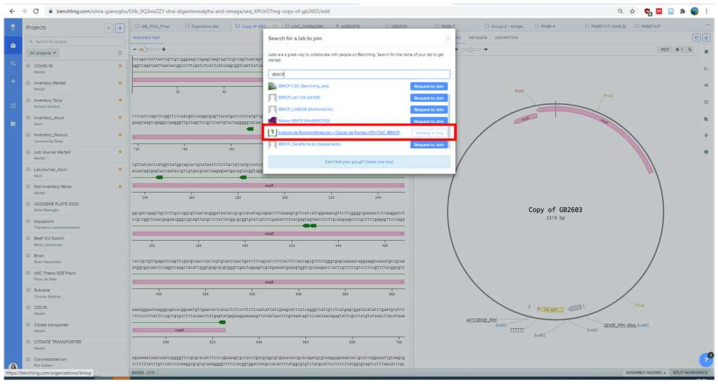
1. Join Benchling (https://benchling.com/) preferably using your institutional email account.

2. Go to your profile (left down corner)

3. Click "Join organization"

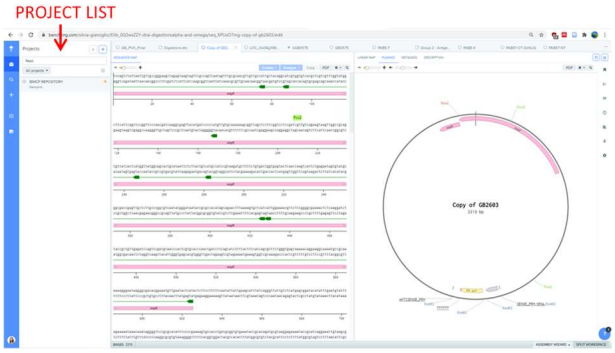


4. Search "Instituto de Biología Molecular y Celular de Plantas UPV-CSIC"

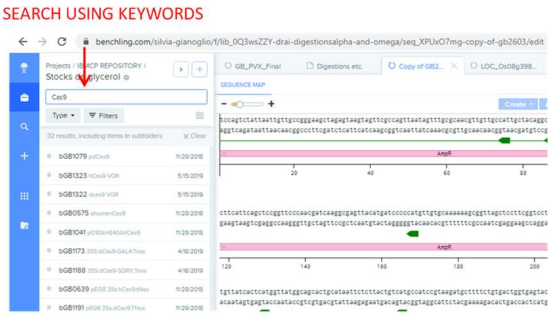


5. REQUEST ACCESS

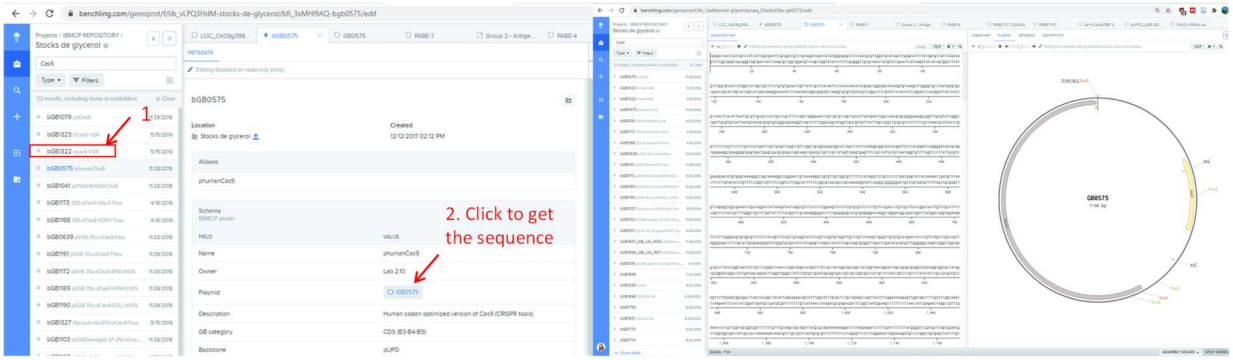
6. Once your request is approved, the IBMCP Repository project will appear in your project list



7. Select IBMCP Repository / Glycerol stocks and search the plasmid you are interested in using keywords.

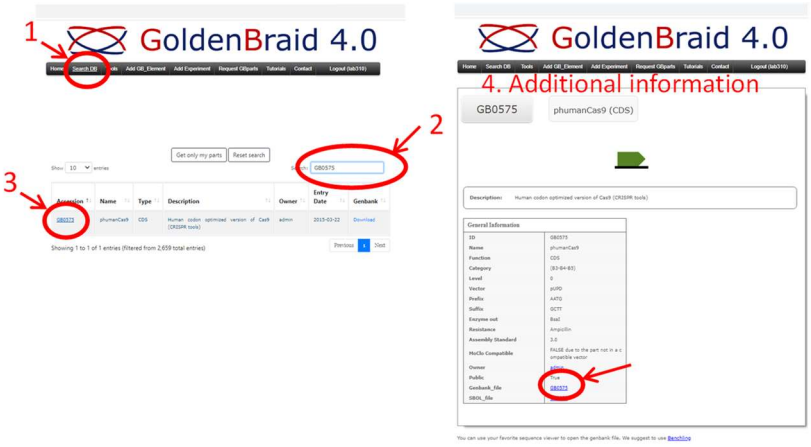


8. In the metadata sheet, recover the plasmid sequence/map by clicking the plasmid hyperlink.



GET THE PLASMID CODE(S) (e.g. bGB0575) **AND FILL THE FORM (https://forms.gle/YKxWG7ta4P9qhrAz8) WITH IT**

Note: If your plasmid is a GoldenBraid plasmid, additional information is available at https://gbcloning.upv.es/



After filling the form you will receive an alliquot of a bacterial culture with the plasmid from Lorena Latorre.

DEPOSIT A PLASMID

Use the following link: https://forms.gle/xWeivCDTf6iWM9ea9

Please fill in this form if you wish to donate a plasmid to the IBMCP repository. SHARING your constructs with your colleagues facilitates **networking**, **collaborative research**, and **information exchange**. Furthermore, it serves as a **safe backup** of your own work.

All type of E.coli-based plasmids are welcomed in the IBMCP repository. Furthermore, if you created your plasmids using the GoldenBraid system, they can be recycled to create new multigene constructs in an easy way.

Please try TO DOCUMENT your plasmids including a **description** as detailed as possible in the corresponding field. The more information (**metadata**) you provide about the plasmid, the happier your colleagues will be when re-using it.

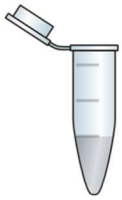
Mandatory information for deposit:

1. Name and description
2. Backbone
3. Plasmid resistance (in bacteria)
4. Plasmid sequence (genbank file)
5. *E. coli* host strain
6. Quality control
    a. Electrophoresis gel image (restriction analysis)
    b. Plasmid concentration
    c. Chromatogram (if plasmid was sequenced)

Note: To deposit GoldenBraid-assembled plasmids whose sequence information is available at https://gbcloning.upv.es/ the form offers a shortcut. When permission to access the information at gbcloning is given, the form only requests minimal data (*E. coli* host strain and quality control information).

After filling the form, you will provide Lorena Latorre (person in charge of the IBMCP repository) two tubes: one with a fresh bacterial culture and one with the purified plasmid.

Minimum [plasmid]:
20 µl -50ng/ul



Minimum bacterial culture:
1ml (liquid, not frozen)