

# Structure availability

## *utilizing PDBe resources*

The below explains how to access a Notebook and aid in the programmatic navigation of the following resources:

- PDBe-KB
- 3D-Beacons

## Accessing Notebooks via Google Colaboratory



We will be using a file (called Notebooks) with the extension 'ipynb'.

This file functions as interactive forms and is called:

**Structures\_available\_Oct2025.ipynb**

This file does Application Programming Interface (API) calls.

If you are logged into a Google account, then these files will automatically get saved in your Google Drive in a folder called:

### **Colab Notebooks**

If you are not logged into or do not have a Google account, then you have other options, including downloading or printing as a pdf.

### Step 1:

First go to:

<https://colab.research.google.com/>

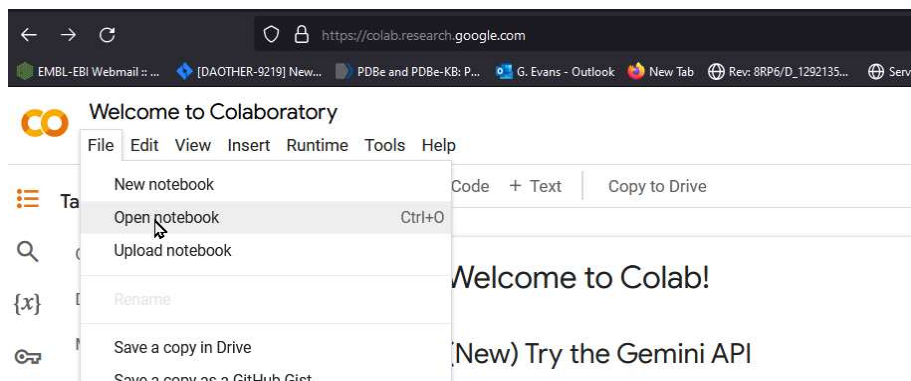
## EMBL-EBI training course:

Interpreting the effects of genetic variants on protein structure and function

### Step 2:

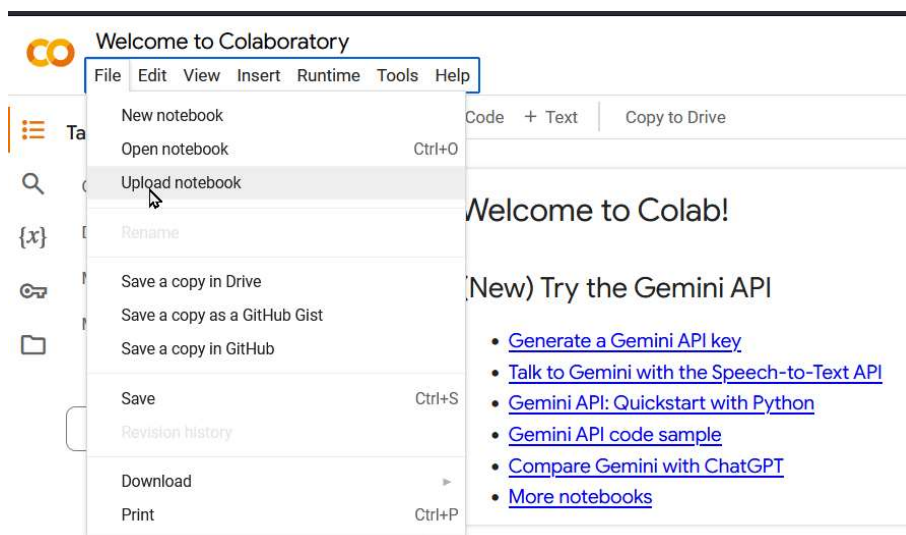
#### Option A

Select 'File' from the menu bar and then select 'Open file'.



#### Option B

Select 'File' from the menu bar and then select 'Upload file'.



### Step 3:

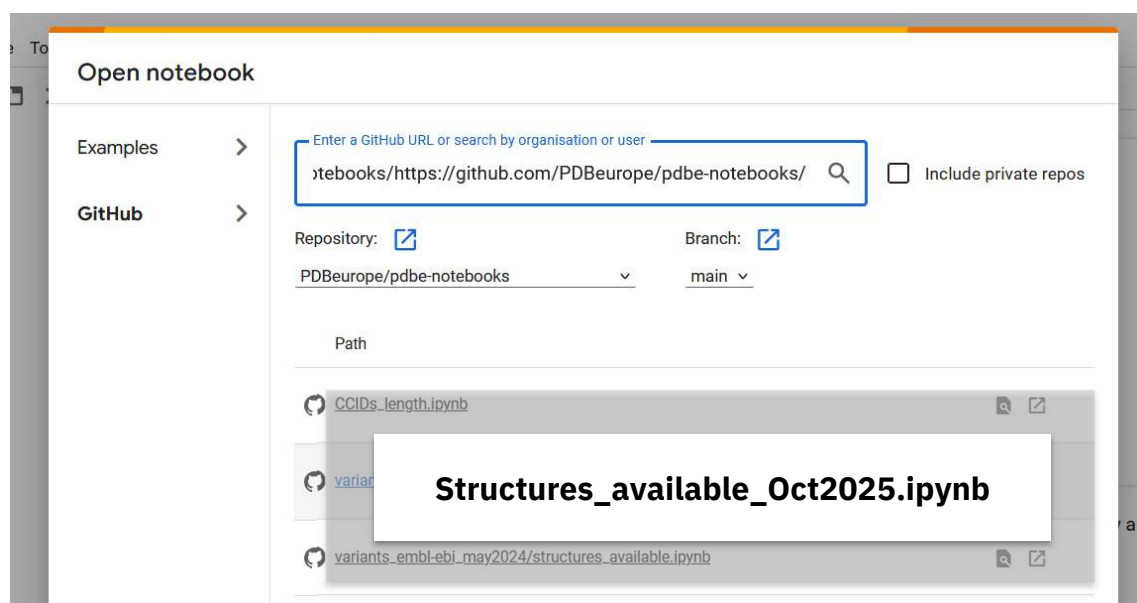
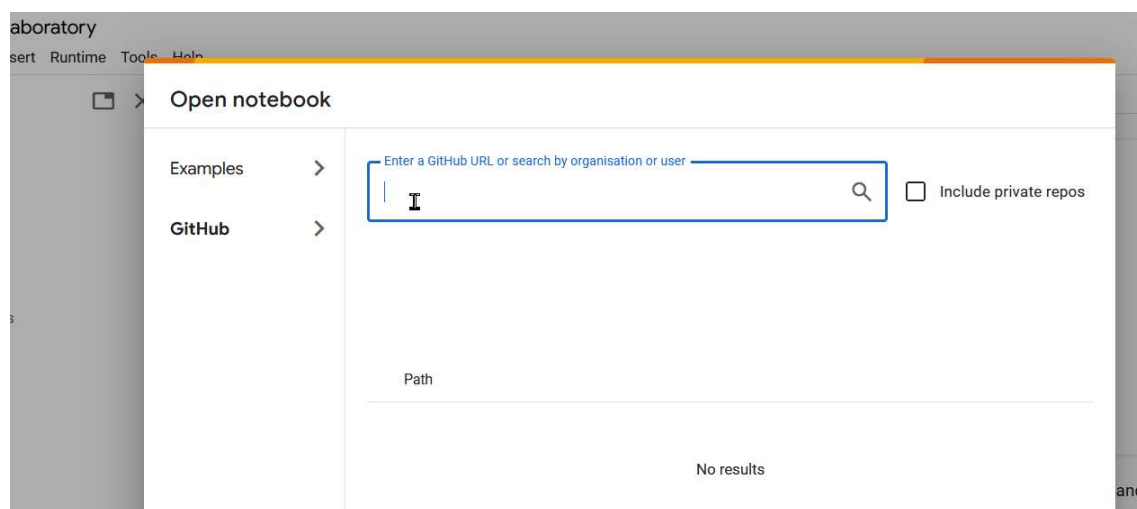
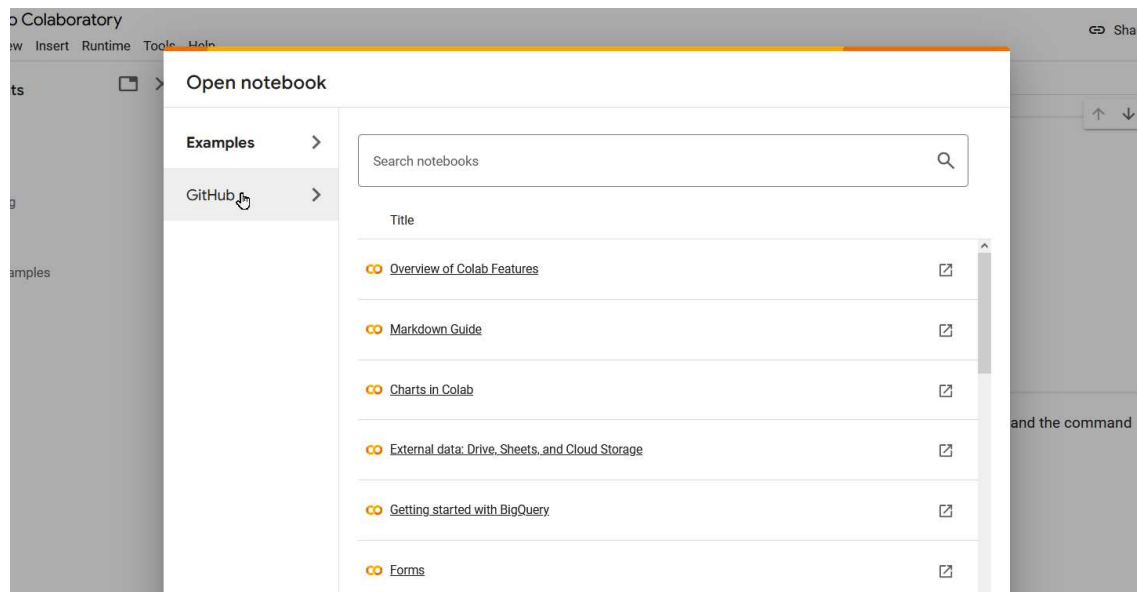
#### Option A

If selected 'Open file', then click on 'GitHub' option and copy & paste in the following:

<https://github.com/PDBEurope/pdbe-notebooks/>

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### Interpreting the effects of genetic variants on protein structure and function



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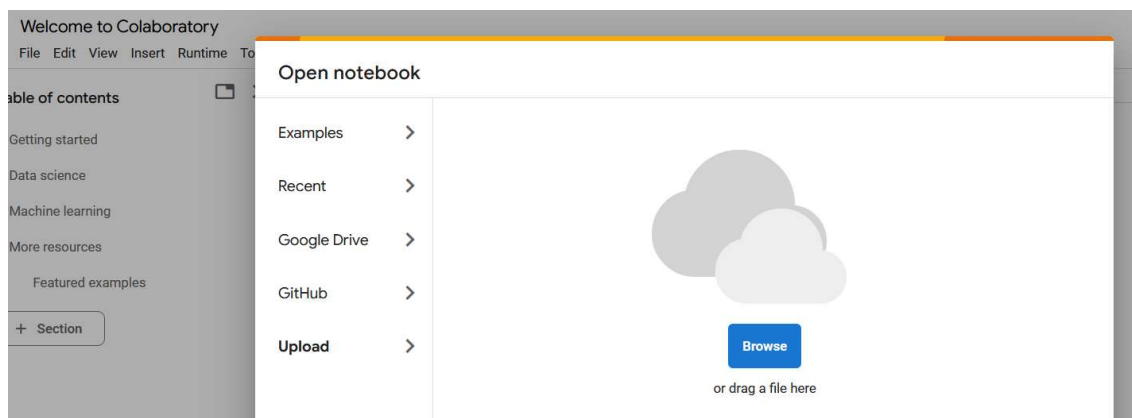
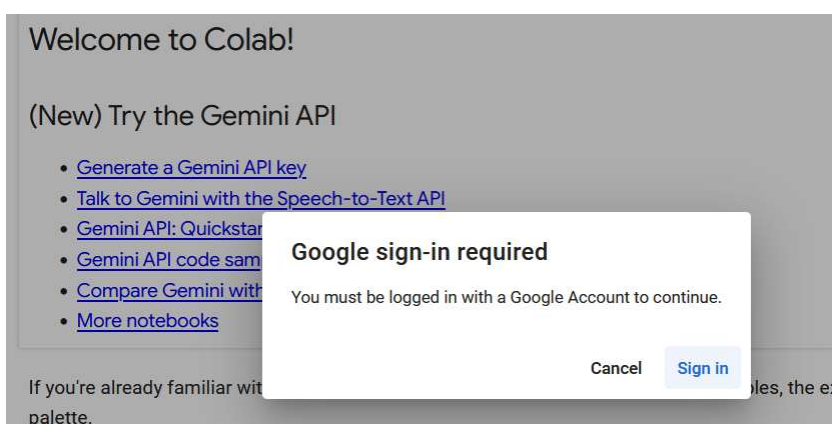
### Option B

If selected 'Upload file', you will need to have previously downloaded the following two files:

- **Structures\_available\_Oct2025.ipynb**

To upload the files, you will need to:

- have a Google account
- be logged in to Google Colab  
(by being logged into Google account)



### Step 4:

The forms don't have to be saved once filled-in, but you may find this useful.

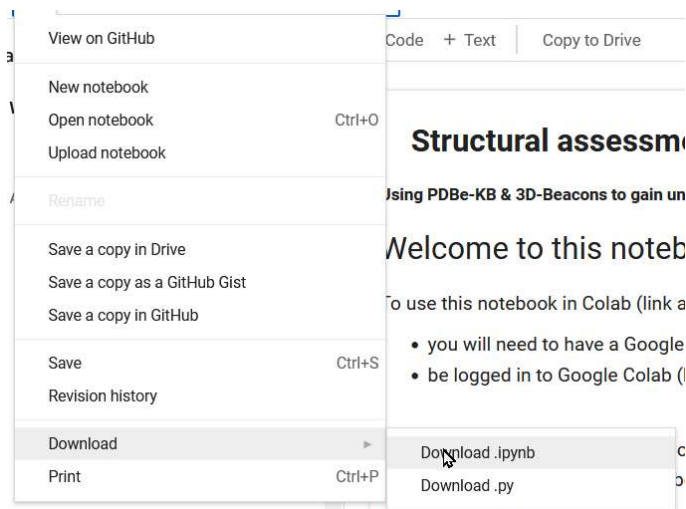
As previously mentioned, if you are logged into a Google account, then these files will automatically get saved in your Google Drive.

If you are not logged into or do not have a Google account, then you have other options, including downloading the '.ipynb' file or printing as a pdf.

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Interpreting the effects of genetic variants on protein structure and function

### Downloading



### Printing as pdf

With this option, please be aware that any collapsed cells will not be printed, so before printing you may wish to expand all sections:

