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**Roll Number: 504**

**Class: MSc Computer Science I**

**Topic: Bioinformatics Mini Project**

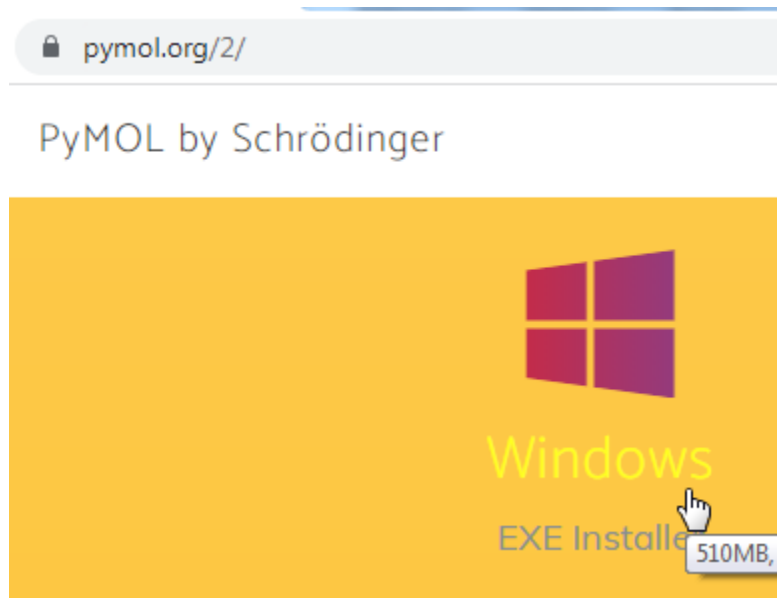
**Aim:** Retrieving 3D structure from PDB

**Requirements:** PyMOL and protein in .pdb format

To install PyMol:

Open the following link in any browser and click on the windows option.

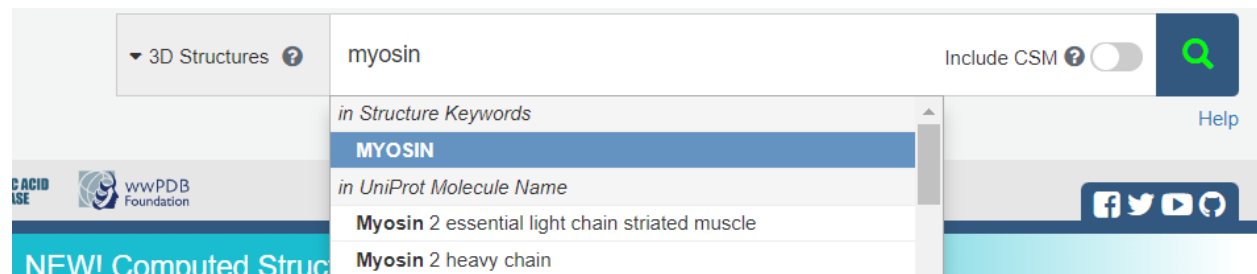
<https://pymol.org/2/>



Run the downloaded installer to install PyMOL on your system.

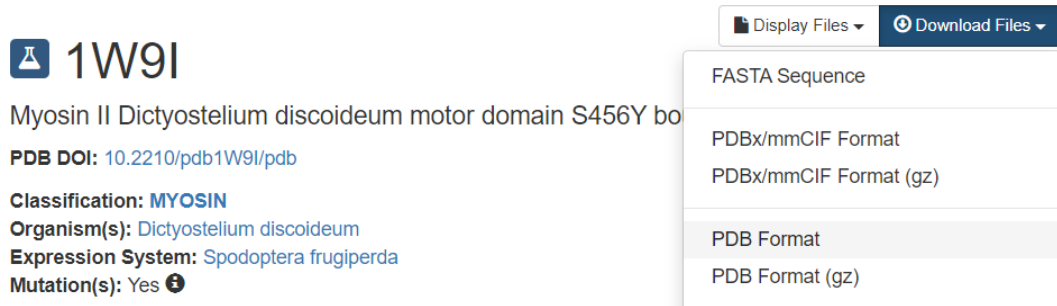
To download protein in .pdb format click on the following link and in search bar search for “myosin” to get the list of all the proteins.

<https://www.rcsb.org/>

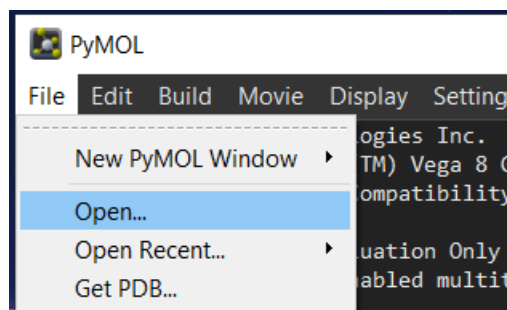


Click on any of the PDB DOI from the list which will direct us to the download page for the .pdb format of that protein.

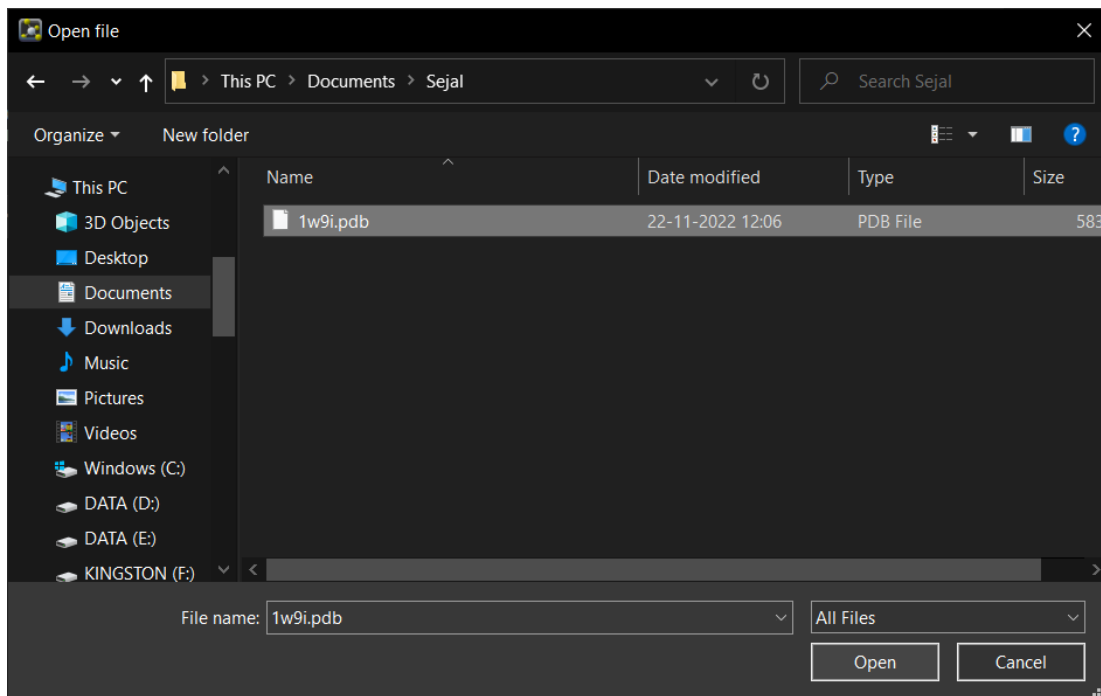
Now click on the ‘Download Files’ drop-down menu and click on the PDB Format.



Now open PyMOL and under File tab click on Open to open the .pdb file in PyMOL



Select the .pdb file and click on open.



Final Output:

