**How To Download (already completed but in case for future reference)**

1. The PyMOL stand-alone version was downloaded from <https://pymol.org/2/>

**Search peptides from one protein**

1. Create a text file with the protein and peptide information in the following format:

1k0m | AEEQPQVELFV, REEFASTCPDDEEIELAYEQVAKALK, PDDEEIELAYEQVAKALK, DEEIELAYEQVAKALK, EEIELAYEQVAKALK, AYEQVAKALK

1. Open up the Python file labeled **searchpep\_oneprotein.py** from inside Users/legalllab/PycharmProjects/Pymol
2. In this script, go to line 41 that says peptide(**'/Users/legalllab/PycharmProjects/Pymol/PDB.txt'**) and edit the destination to where the text file with the protein-peptide information is located.
3. Load up the PyMOL application.
4. In the PyMOL command line (PyMOL>) go into the folder with the Python script, **searchpep\_oneprotein.py** (cd PycharmProjects/Pymol).
5. Call the Python script by typing in run searchpep\_oneprotein.py

Here is a screenshot with what it may look like:

