**How to run Puppeteer (Windows)**

1. **INTRODUCTION**
   1. Go to Puppeteer GitHub repository: <https://github.com/hicsail/puppeteerlite>;
   2. Go to “README.md”.
2. **INSTALL DEPENDENCIES**
   1. Open Cygwin
      1. Use the search mechanism and search for “Cygwin”
      2. If you do not have it, go to <https://cygwin.com/install.html>
         1. When running the Cygwin installer, be sure to select the “Devel” & Python3 packages to include within the installation.
   2. Verify that you have Python3 by typing python3 into the Cygwin terminal
      1. If not, rerun the installer and select Python3
      2. Remember: you can always exit python by typing quit ();
   3. Install pip by typing: python 3 -m ensurepip
   4. Install required packages by typing: pip3 install biopython requests xlwt
3. **RUN PUPPETEER LITE**
   1. Go back to the repository: <https://github.com/hicsail/puppeteerlite>;
   2. Click on the green button “Clone or Download”;
   3. Click “download ZIP”;
   4. Copy and paste the folder on your desktop;
   5. On your PowerShell, go to your desktop by typing cd desktop;
   6. Go to your saved file by typing cd puppeteerlite-master;
   7. Run the command by typing: $ chmod u+x run\_puppeteer\_lite;
   8. Run your design by typing the command in this format: $ ./run\_puppeteer\_lite [input archive] [number of designs requested] – see example below;
   9. The “puppeteerlite-master” folder contains the example: $ ./run\_puppeteer\_lite HeadtoHead2.zip 42;
   10. If you want to insert other basic parts to be combined in-between, just use the same information / format you find on the HeadtoHead2.zip file, for both .gb files and excel spreadsheets.