**ITS Data Processing - Amelia Nelson**

Run FUNGuild.py - v1.2

* 1. Parse your dataset so that it looks like the image (below), you can do this in FUNGuild but I couldn’t get it to work with my dataset so I just did it manually in excel and it didn’t take very long
  2. Running FUNGuild:
     1. FUNGuild.py guild -taxa parsed\_otu\_taxonomy\_funguild.txt
  3. Talk to me about interpretation! There is no one accepted way to do it so it kind of depends on what you want to do/how much time you are willing to put in and what you can explain in your methods. For me, I chose to follow what some other papers had done and only accepted guild assignments classified as “highly probable” or “probable” and did not retain any ASVs classified as multiple guilds.

A screenshot of a computer

Description automatically generated with low confidence

                2.  [FUNGuild.py](http://funguild.py/) guild -taxa taxonomy\_ITS\_ASCC.txt

*Guild parser initiated*

*Loading taxa file: parsed\_otu\_taxonomy\_funguild.txt*

*Connecting with FUNGuild database ...*

*Found 11077 records in the db.*

*Search initiated.*

*Search finished.*

*FUNGuild results wrote to parsed\_otu\_taxonomy\_funguild.guilds.txt.*