Quantifying Natural Selection in Coding Sequences

Alexander G. Lucaci, PhD
Postdoctoral Associate @ Weill Cornell Medicine
Director of Bioinformatics - MetaSub Consortium

Email: agl4001@med.cornell.edu
Twitter: @aglucaci

Preliminaries

- Please confirm access to **HyPhy**: http://hyphy.org/download/

  - https://youtu.be/fgNrPbOTpxE (How to install HyPhy)

  - You can do a datamonkey.org based tutorial, but if you have Linux or OSX, you can also do a command line tutorial for more features.

  - General user questions and feedback: https://github.com/veg/hyphy/issues

- **Datamonkey** web-app: http://www.datamonkey.org

  - YouTube example videos (channel HyPhy vision)

  - https://www.youtube.com/channel/UCIgRnbJjbOWhshe5ThhaWGw/videos (Tutorials)

- Example datasets at https://github.com/veg/selection-tutorial/

  - Test datasets and practical instructions: www.hyphy.org (search for "Detect Selection")