Molecular Phylogenetic Techniques

May 06, 2025

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# About this Book

This book is part of a series of books for the Genomic Data Science Analysis, Visualization, and Informatics Lab-space (AnVIL) of the National Human Genome Research Institute (NHGRI). Learn more about AnVIL by visiting <https://anvilproject.org> or reading the [article in Cell Genomics](https://www.sciencedirect.com/science/article/pii/S2666979X21001063).

## Skills Level

*Genetics*

*Programming skills*

## AnVIL Collection

Please check out our full collection of AnVIL and related resources: <https://hutchdatascience.org/AnVIL_Collection/>

# 1 Student Guide

## 1.1 Activity One

Many of the AnVIL books that are designed for teaching a class or workshop contain information aimed at the instructor.

You might want to create a “student guide” that contains a different subset of Rmd files from your book, or renders to a different output format (e.g. word document). You can specify the output and Rmd files that will be used for the student guide using the \_output.yml and \_bookdown.yml files in the student-guide directory.

By default, repositories based on AnVIL\_Template create a docx file containing this chapter as an example. Once you have adjusted student-guide/bookdown.yml to include the chapters you want in your student guide, you can link to it by replacing {repo-name} in the following URL:

https://github.com/jhudsl/{repo-name}/raw/main/student-guide/docs/Student\_Guide.docx

When someone clicks this link, they will download the docx file. For example, here is the link for the student guide from AnVIL\_Template:

<https://github.com/jhudsl/AnVIL_Template/raw/main/student-guide/docs/Student_Guide.docx>

## 1.2 Activity Two

Steps of the guide could go here.

# About the Authors

These credits are based on our [course contributors table guidelines](https://github.com/jhudsl/OTTR_Template/wiki/How-to-give-credits).

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## ─ Session info ───────────────────────────────────────────────────────────────  
## setting value  
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## ui X11  
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## [2] /usr/local/lib/R/library  
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## ──────────────────────────────────────────────────────────────────────────────

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# 2 References