Comparative Genomics 2018

General information

Data storage on the lab computers

Data storage during the course will be removed after the course end.

Access from outside the lab (no token needed) with

`ssh username@computername.dbb.su.se`

Example: `ssh u2323@stud26.dbb.su.se`

Plagiarism

All forms of plagiarism are forbidden, and if detected it will result in a lower grade. See http://www.hb.se/en/Library/Writing-and-referencing/Plagiarism/ about plagiarism.

The practicals

Each practical description contains key questions to answer, activities to perform in order to solve the assignment, and materials needed to perform these or to familiarise with the subject.

Please, feel free to use the forum on the course site on Mondo if you have questions concerning the practicals. We will share information about the practicals and are helpful for everyone in this forum as well.

Editor for coding

We recommend advanced text editors (vim or emacs) and Python IDEs (e.g. spyder). Do not use gedit, openoffice, or word.

All programs needed to run scripts on your local lab computer are already installed. Links to online tools or databases are provided in the practical descriptions. You can test which modules are installed on your lab computer with `module avail`.

The reports

The purpose of writing a report for each practical is to support your learning process.

Start each report with a summary by, for example, setting the topic in a larger context, adding background information, explaining what you have done in the practical and which results you have achieved. If applicable, motivate the decisions you made shortly. This will also show us that you understood the problem and how to solve it.

Further, follow the structure of the practical descriptions and discuss the key points.

In general, the report should cover all points listed in the practical descriptions. Missing or faulty items will result in a reduced grade for this practical.

Additional material

You can find additional material (e.g. scripts) here:
/afs/pdc.kth.se/misc/pdc/volumes/sbc/prj.sbc.dmessina.5/Comparative_Genomics/

Format guidelines

Please find detailed information about the format in the document *Report template* on
/afs/pdc.kth.se/misc/pdc/volumes/sbc/prj.sbc.dmessina.5/Comparative_Genomics/ and
Mondo/Ressources.

Scripts containing your code

Comment your code as much as possible. It helps others to understand what you intended to do but also yourself to remember.

Please submit your code in a separate file and add the script file name(s) to your report. Submit the script(s) together with your report.

Report submission

Instructions for practicals are published on the lecture day; reports should be submitted during the week they are listed but normally at the latest the Monday after. Submit the report and, where applicable, the script as assignment attachments in Mondo.

Reports should be in pdf format. Please use '*practicalX_groupX.**' as report file name, and '*practicalX_groupX_scriptname.**' as script file name.

Resubmissions

If you need to resubmit, please, add a 'resubmission' to both, file name and/or report.

Contact the assistants

You can reach the assistants via the Mondo forum or via their email addresses (Table 1).

Table 1. Contact details of the course assistants

Miguel Castresana	miguel.castresana@scilifelab.se
Stefanie Friedrich	stefanie.friedrich@scilifelab.se
Deniz Secilmis	deniz.secilmis@scilifelab.se

Good luck!