

# Bioinformática Instrumental 2019

**Módulo II – Identificação de Variantes Genéticas**

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# Servidores remotos: computação de alta performance



**Servidor remoto HSL acessível via internet**



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# Passo 1: Acesso ao servidor remoto via Putty

**Download PuTTY**

PuTTY is an SSH and telnet client, developed originally by Simon Tatham for the Windows platform. PuTTY is open source software that is available with source code and is developed and supported by a group of volunteers.

You can download PuTTY [here](#). ←

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Below suggestions are independent of the authors of PuTTY. They are *not* to be seen as endorsements by the PuTTY project.

**Bitvise SSH Client**

Bitvise SSH Client is an SSH and SFTP client for Windows. It is developed and supported professionally by Bitvise. The SSH Client is robust, easy to install, easy to use, and supports all features supported by PuTTY, as well as the following:

- graphical SFTP file transfer;
- single-click Remote Desktop tunneling;
- auto-reconnecting capability;
- dynamic port forwarding through an integrated proxy;
- an FTP-to-SFTP protocol bridge.

Bitvise SSH Client is **free to use**. You can [download it here](#).

**Bitvise SSH Server**

Bitvise SSH Server is an SSH, SFTP and SCP server for Windows. It is robust, easy to install, easy to use, and works well with a variety of SSH clients, including Bitvise SSH Client, OpenSSH, and PuTTY. The SSH Server is developed and supported professionally by Bitvise.

You can [download Bitvise SSH Server here](#).

[www.putty.org](http://www.putty.org)



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# Passo 2: Download e instalação local do Putty

This page contains download links for the latest released version of PuTTY. Currently this is 0.73, released on 2019-09-29.

When new releases come out, this page will update to contain the latest, so this is a good page to bookmark or link to. Alternatively, here is a [permanent link to the 0.73 release](#).

Release versions of PuTTY are versions we think are reasonably likely to work well. However, they are often not the most up-to-date version of the code available. If you have a problem with this release, then it might be worth trying out the [snapshot](#).

### Package files

You probably want one of these. They include versions of all the PuTTY utilities.

(Not sure whether you want the 32-bit or the 64-bit version? Read the [FAQ entry](#).)

**MSI ('Windows Installer')**

32-bit:	<a href="#">putty-0.73-installer.msi</a>	(or by <a href="#">FTP</a> )	(signature)
64-bit:	<a href="#">putty-64bit-0.73-installer.msi</a>	(or by <a href="#">FTP</a> )	(signature)

**Unix source archive**

.tar.gz:	<a href="#">putty-0.73.tar.gz</a>	(or by <a href="#">FTP</a> )	(signature)
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### Alternative binary files

The installer packages above will provide versions of all of these (except PuTTYtel), but you can download standalone binaries one by one if you prefer.

(Not sure whether you want the 32-bit or the 64-bit version? Read the [FAQ entry](#).)

**putty.exe (the SSH and Telnet client itself)**

32-bit:	<a href="#">putty.exe</a>	(or by <a href="#">FTP</a> )	(signature)
64-bit:	<a href="#">putty.exe</a>	(or by <a href="#">FTP</a> )	(signature)

**pscp.exe (an SCP client, i.e. command-line secure file copy)**

32-bit:	<a href="#">pscp.exe</a>	(or by <a href="#">FTP</a> )	(signature)
64-bit:	<a href="#">pscp.exe</a>	(or by <a href="#">FTP</a> )	(signature)

**psftp.exe (an SFTP client, i.e. general file transfer sessions much like FTP)**

32-bit:	<a href="#">psftp.exe</a>	(or by <a href="#">FTP</a> )	(signature)
64-bit:	<a href="#">psftp.exe</a>	(or by <a href="#">FTP</a> )	(signature)

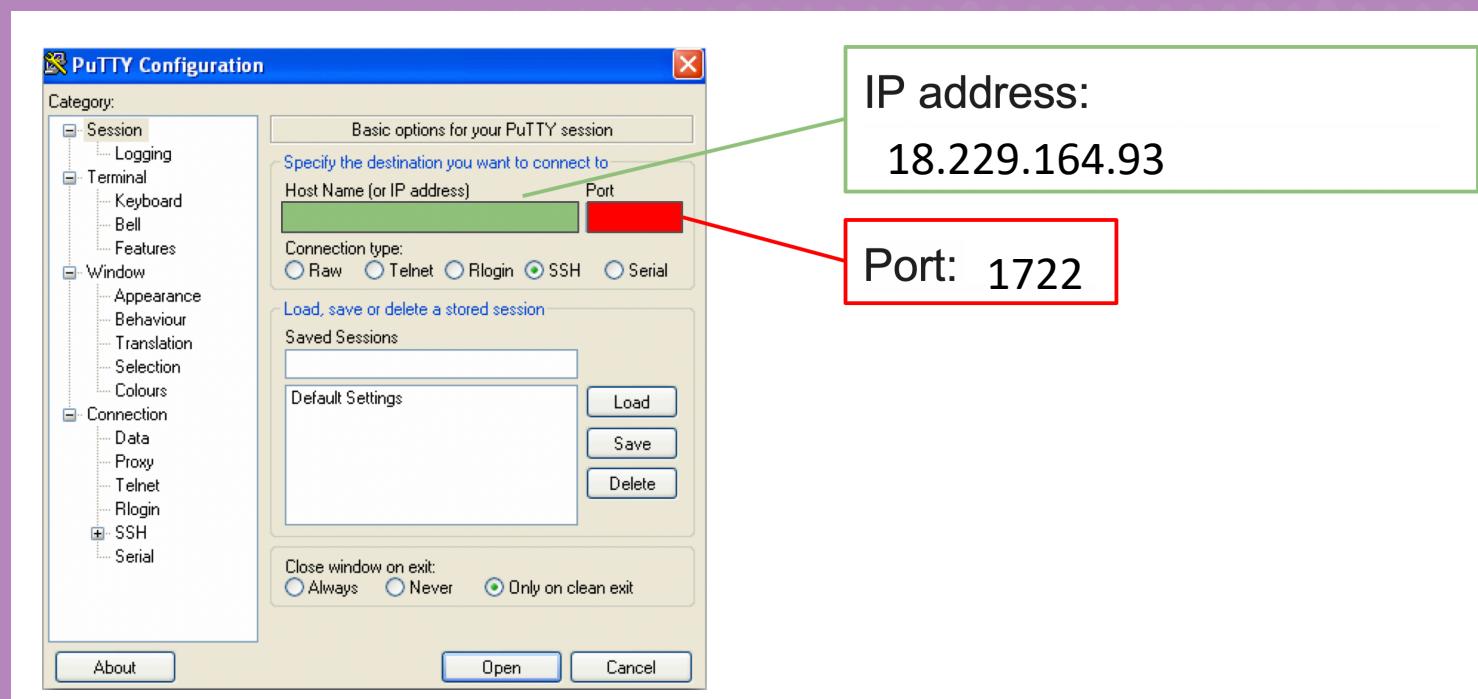


<https://www.chiark.greenend.org.uk/~sgtatham/putty/latest.html>



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# Passo 3: Abrir Putty, digitar IP e PORT



Configuração de acesso ao servidor remoto via Putty



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## Passo 4: Fazer login como aluno (1 a 30)

```
~$ login: aluno02  
~$ password:
```

**Login:** aluno02  
**Senha:** S!rio02

**Login:** aluno17  
**Senha:** S!rio17

Inserir login e senha no terminal



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