

Instructions for using the GenomicLand software

- **Step 1:** Download the **Docker Desktop** on the link <https://www.docker.com/products/docker-desktop>.

- **Step 2:** Install the **Docker Desktop** as instructed in the site <https://docs.docker.com/engine/install/>

- **Step 3:** To verify that the **Docker Desktop** has been installed correctly, follow the steps below:
 - i. Open the terminal and execute the command **docker run hello-world**;
 - ii. Wait for the command to run and check if the message "**Hello from Docker!**" appears in the terminal;
 - iii. This message shows that your installation appears to be working correctly.

Attention: On some computers, it is necessary to restart the Docker Desktop each time you use GenomicLand.

- Find the Docker Desktop symbol;

- Click on Restart Docker;

- **Step 4:** Download the file **rscript.zip** on the link <https://drive.google.com/file/d/12LIybS1wzOtYSDz46Jr8Vv5hTaxx44A9/view?usp=sharing>. Extract the file, which will result in the file **rscript.tar**.

- **Step 5 for Windows:** Download the **loadImage.bat** file on the link <https://drive.google.com/file/d/13ra58tHAK0k5ENCrVO3wo6acOEG30L0K/view?usp=sharing>

Save the file in the same folder as the **rscript.tar** file and double-click **loadImage.bat**;

- i. Wait for the command to finish (it may take some time).
- **Step 5** Open the terminal and go to the folder where the **rscript.tar** file is and run the command **docker load -i rscript.tar**. Wait for the command to finish (it may take some time).

- **Step 6:** Fill the form on:

https://docs.google.com/forms/d/e/1FAIpQLSco8ljvdMEntYwVuhte0xpzqBCKnm_mhBkOqJ8sFOfencM7FA/viewform

- **Step 7:** You will receive in the email that you informed the link to download. Check your spam box.

- **Step 8:** Download the **GenomicLand** software.

- **Step 9:** Unzip the file. Open the extracted folder, find the file **GenomicLand.exe**, and click Sending a shortcut to the Desktop.

After completing these steps, the GenomicLand software will be ready for use.