

Learn QTLNetworkR in 10 minutes

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What do you expect to learn here?

We will illustrate some essential steps based on the sample files from the home page of QTLNetworkR, providing a quick tutorial of QTLNetworkR. Hopefully, these steps will meet your practice.

GTK+

Make sure the GTK+ is installed on your computer system.

If you do not have the GTK+, please download it here:

[Windows](#), [MacOS](#).

R and R packages

R:

Make sure R is installed on your computer system.

If you do not have the GTK+, please download it from the [CRAN](#).

R packages:

Download the following R packages from [CRAN](#) and install them

in order:

RGtk2, cairoDevice, gWidgets and gWidgetsRGtk2

QTLNetworkR:

Download and install QTLNetworkR [here](#).

Or you can install QTLNetworkR by command in R:

```
install.packages("QTLNetworkR",repos=" http://R-Forge.R-project.org").
```

Step 1: start QTLNetworkR

Start R by double click



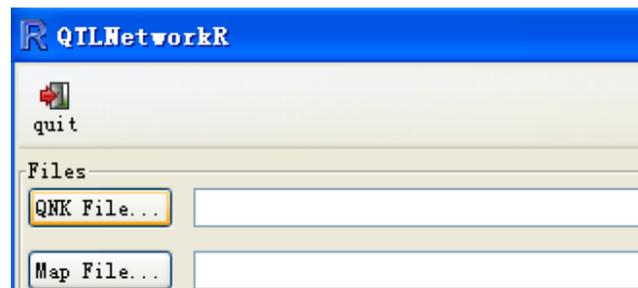
Start QTLNetworkR by command : `library(QTLNetworkR)`

QTLNetworkR will pop out initially:

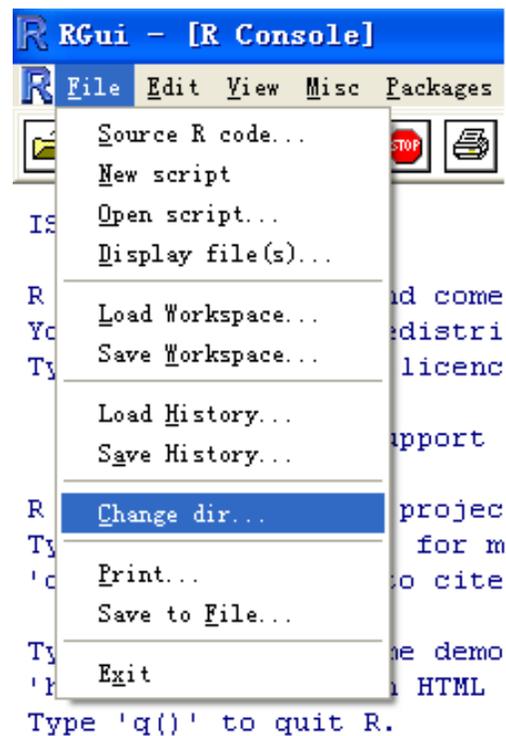


Step 2: Load Files

Load QTLNetwork result file and linkage map file by clicking “QNK File...” and “Map File...”:

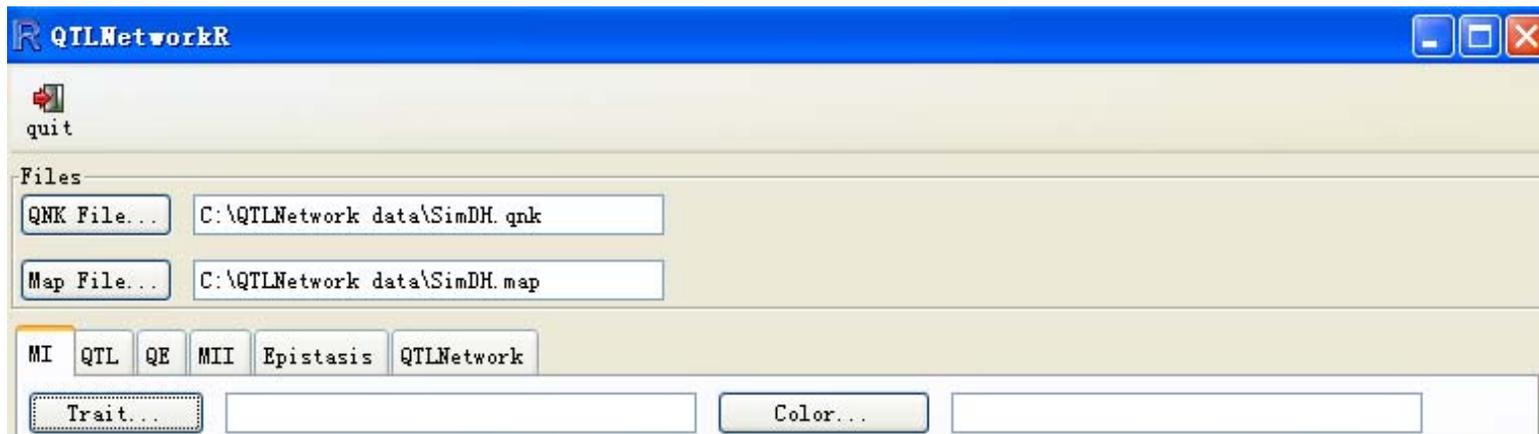


For convenience, Users can set the working directory by “File” -
“Change dir...”



Step3 Go to functions tab, e.g. MI tab

Select traits and colors for marker interval analysis (MI) by clicking “Trait...” and “Color...” after loading the files:



Step4 Perform the packages

Clicking the “Run” button at the bottom right corner,
the procedure will start to profile.



Congratulations! You've completed the steps.