

GSEA: installation

1. Go to the GSEA page:
<http://www.broadinstitute.org/gsea/index.jsp>
2. Register
3. Login
4. In menu, choose Downloads
5. Go to the javaGSEA Java Jar file section and download the gsea2-2.2.0.jar file and save in your Documents folder.

Note: you need to have java installed

GSEA/MSigDB Registration and License Agreement

Instructions to obtain GSEA software and/or MSigDB gene sets. Please Read carefully.

1. Fill in the form below.
2. The software and gene sets are freely available to individuals in academic and private institutions. There are no licensing fees.
3. Source code is freely available.
4. Read the license agreement and make sure you agree with the terms of the agreement.
If so, click the 'I Agree button' at the end of the form and you will be transferred to the GSEA download page.

Items marked with * are required.

Name: *

Email: *

(You will receive a registration notification email.)

Organization: *

Country: *

Join mailing list:

☒ notify me of GSEA updates

(You will receive a confirmation email. Reply to join the list.)

Comments:

Login to GSEA/MSigDB

Login

[Click here](#) to register to view the MSigDB gene sets and/or download the GSEA software. This helps us track and better serve our user community.

If you have already registered for GSEA or MSigDB please enter your registration email address below.

Items marked with * are required.

Email: *

Downloads

The GSEA software and source code and the Molecular Signatures Database (MSigDB) are freely available to individuals in both academia and industry for internal research purposes. Please see the [GSEA/MSigDB license](#) for more details.

Software

There are several options for GSEA software. All options implement exactly the same algorithm. Usage recommendations and installation instructions are listed below. Current Java implementations of GSEA require Java 6 or 7.

javaGSEA Desktop Application

- ▶ Easy-to-use graphical user interface
- ▶ Runs on any desktop computer (Windows, Mac OS X, Linux etc.) that supports Java 6 or 7
- ▶ Produces richly annotated reports of enrichment results
- ▶ Integrated gene sets browser to view gene set annotations, search for gene sets and map gene sets between platforms

Launch with

1GB (for 32 or 64-bit Java) ▼

memory:



javaGSEA Java Jar file

- ▶ Command line usage
- ▶ Runs on any platform that supports Java 6 or 7
- ▶ We recommend using the 'Launch' buttons above instead of this mode for most users

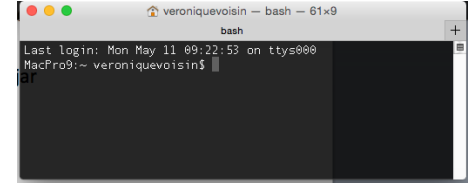
[download](#)
[gsea2-2.2.0.jar](#)



GSEA Java Source Code

- ▶ 100% Java implementation of GSEA

[download](#)

Instructions to launch GSEA from the command line



- open your terminal window or DOS command-prompt window:
 - On a MAC , the Terminal window is located in Applications/Utilities. Tip: add the terminal window to your dock so it is easy to open when needed.
 - On Windows, go to the start icon  or  and type cmd (for command prompt) in the search box.

Launch GSEA

MAC users

- Type the command in your terminal window:
`java -Xmx2G -jar ~/Documents/gsea2-2.2.0.jar`
hit the enter button

Window users

- Type the command for Windows:
`cd Documents`
hit the enter button
`java -Xmx2G -jar gsea2-2.2.0.jar`
hit the enter button

Note: Do not copy and paste from powerpoint: type the command in the terminal window.