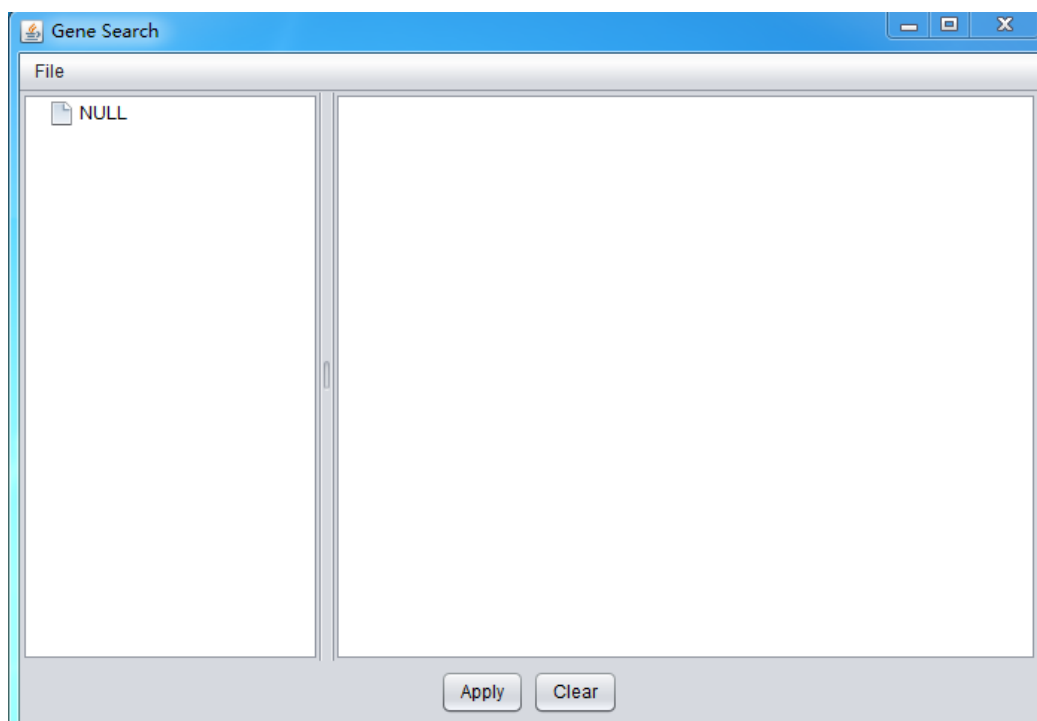
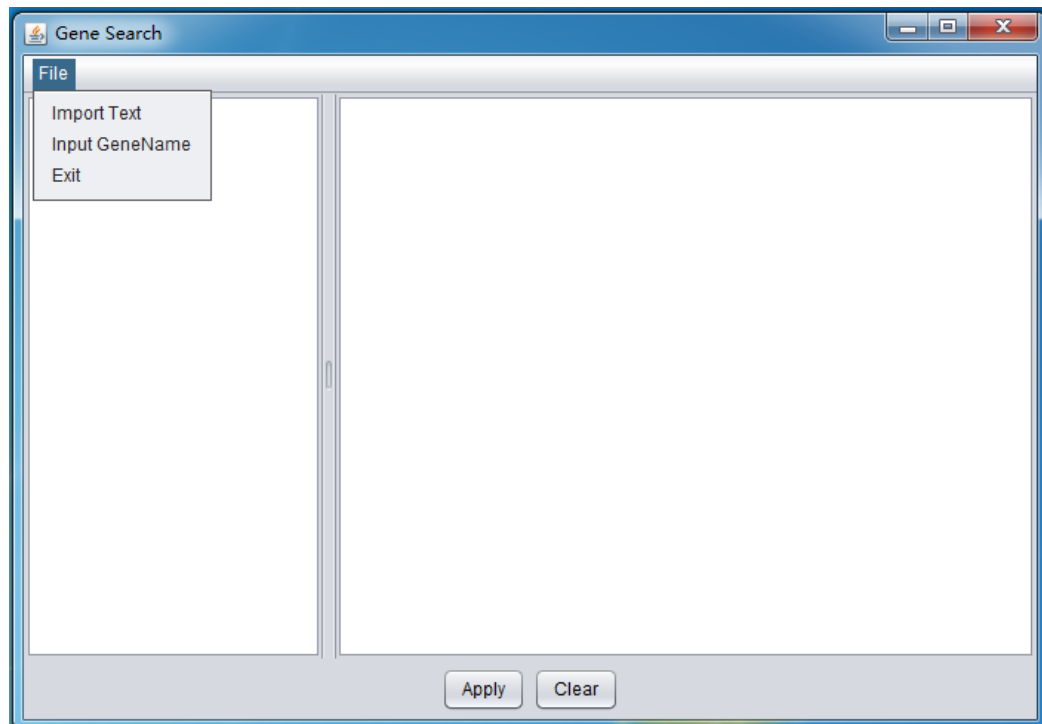


## Read Me

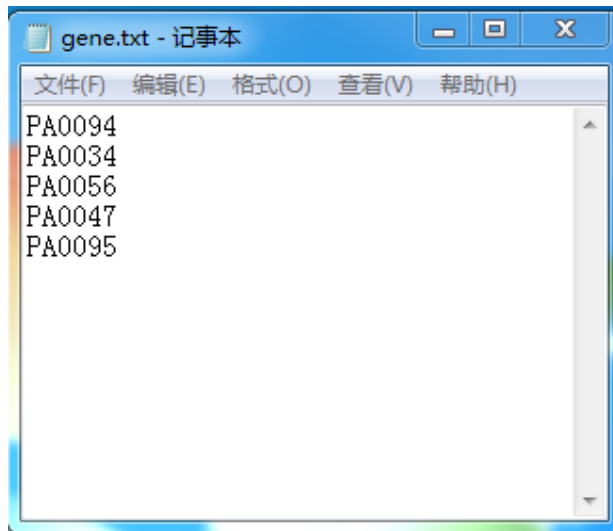
1. Download one of the software (JDK or JRE) and install  
JDK:<http://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html>  
JRE :<http://www.oracle.com/technetwork/java/javase/downloads/jre8-downloads-2133155.html>
2. Please uncompress the file “GeneSearch. rar” to C Disk, just under the C disk.
3. There are three files: File, Web and ClustalX2. Please don’t delete anyone. If you delete File or Web, just rebuild the file. And if ClustalX2 is dropped off, you need to install ClustalX2, which should be installed in the file of GeneSearch. The java program GeneSearch.jar is the main program.
4. This is the user interface:



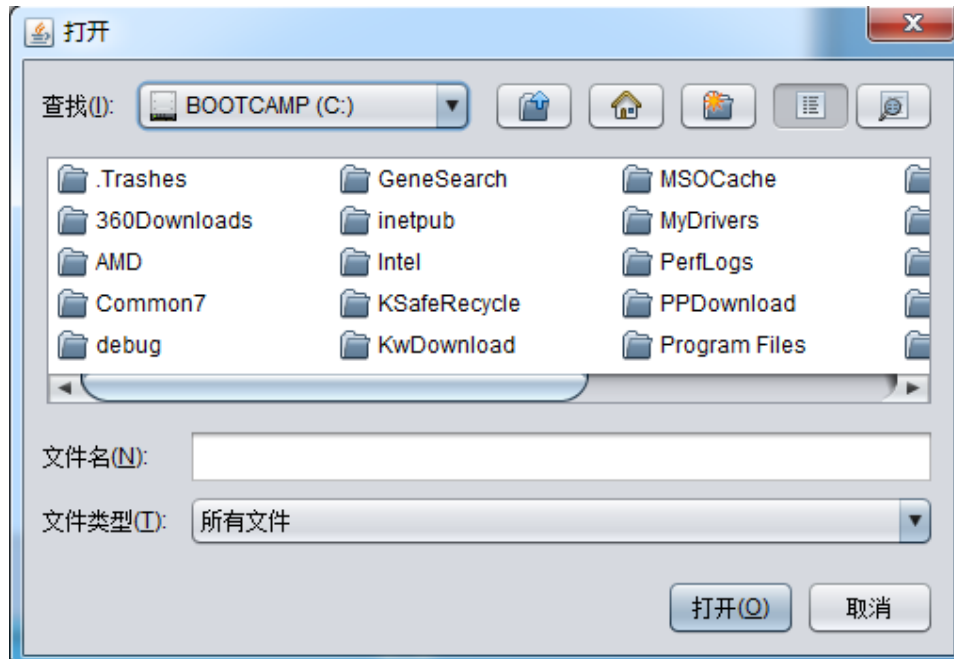
5. The File Menu contains three options: Import Text, input GeneName and exit.



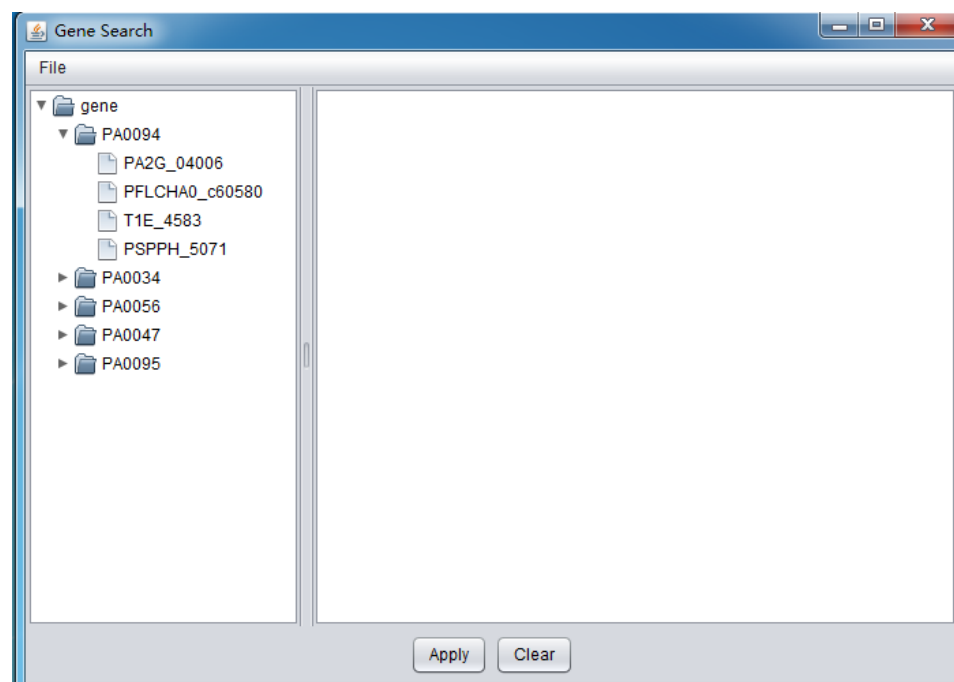
- a. **Import Text:** to enter a number of gene name, such as: PA0094, PA0043. And save these names in the text file, one name one line.



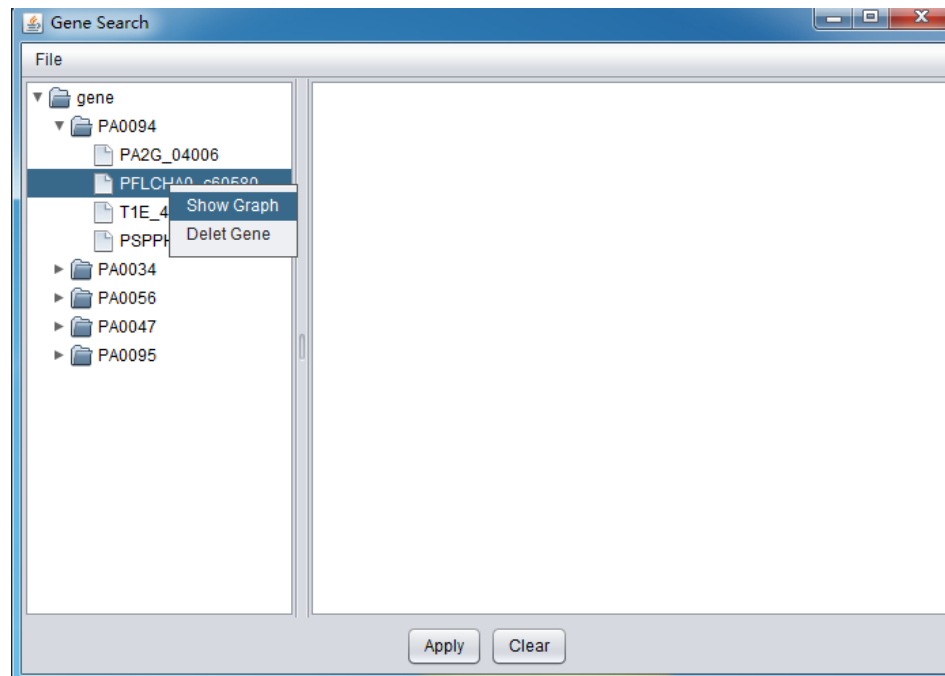
After save the text containing gene names, press the "Import Text". And follow the director to find the name of text.



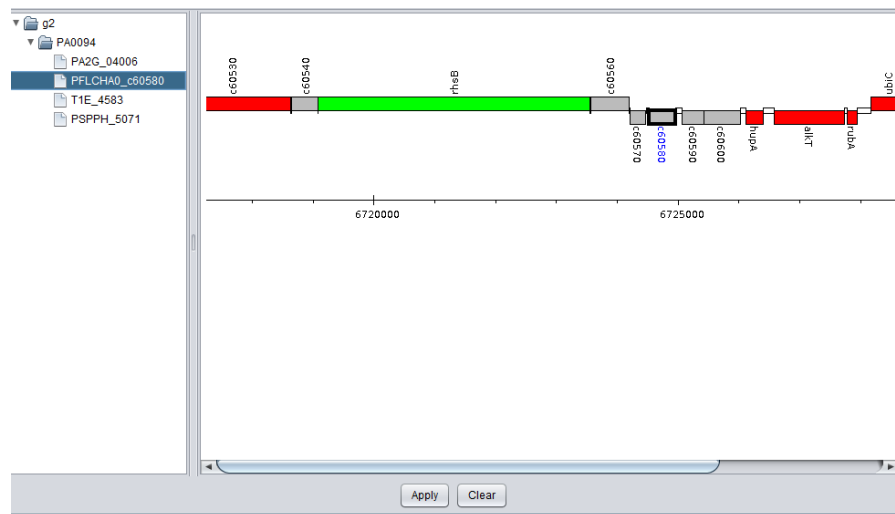
The time of the program dealing is decided by the number of gene names you give. So please wait until the left panel changed, showing the names.



Select any name under the gene name, making it blue and press the right button of the mouse. The menu would show.



In the menu, there are two functions: Show Graph and Delete Gene. Show Graph would show the picture of the gene.



And if you want to see the details of some section of the gene, just click it in the picture. Those would be shown in Web Explorer.



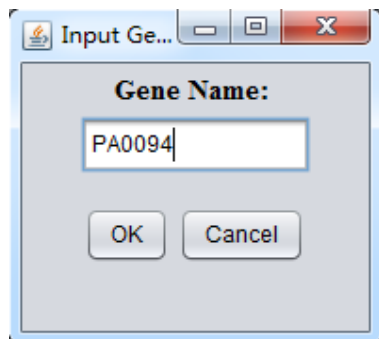
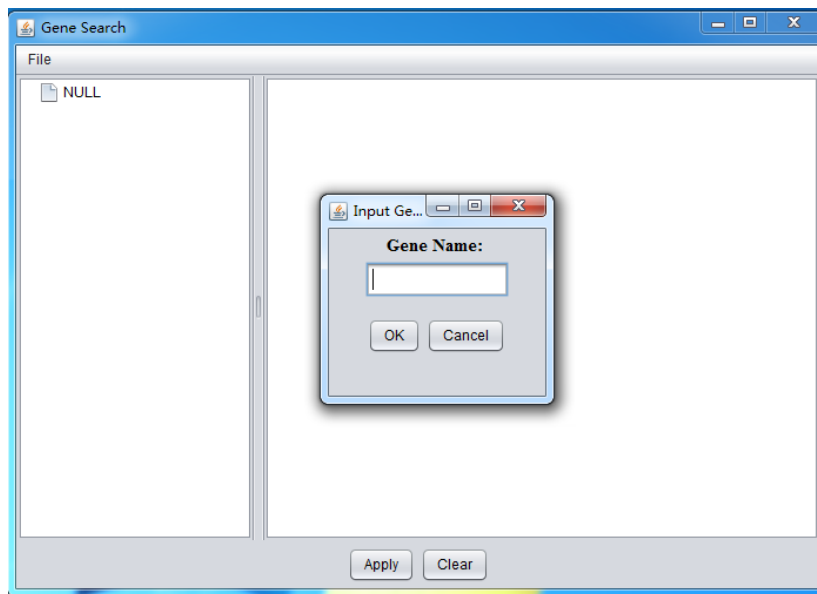
If the gene doesn't satisfy the requirement, you could use Delete Gene to delete the name.

After you consider of all the genes showing in the left panel, press "Apply", all the genes left would be dealt. And the result would be shown.

The "Clear" button would clean the names in the left panel.

b. Input GeneName:

Enter the name into the text field:



Press OK and the program would apply the gene to the computer. Soon the result will be shown.

