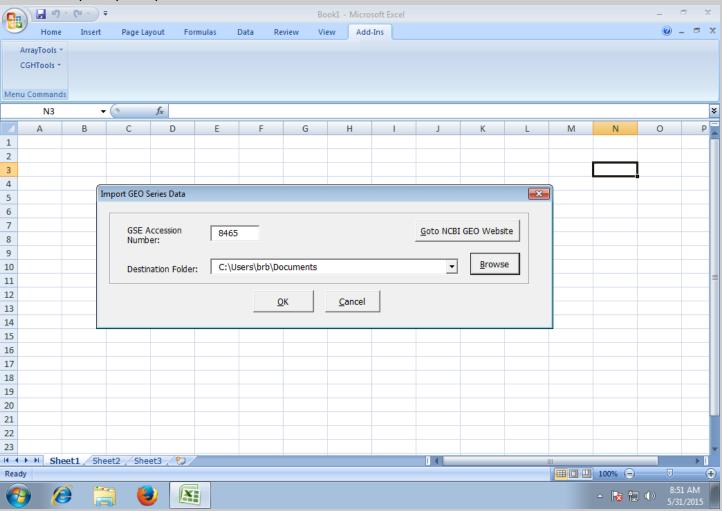
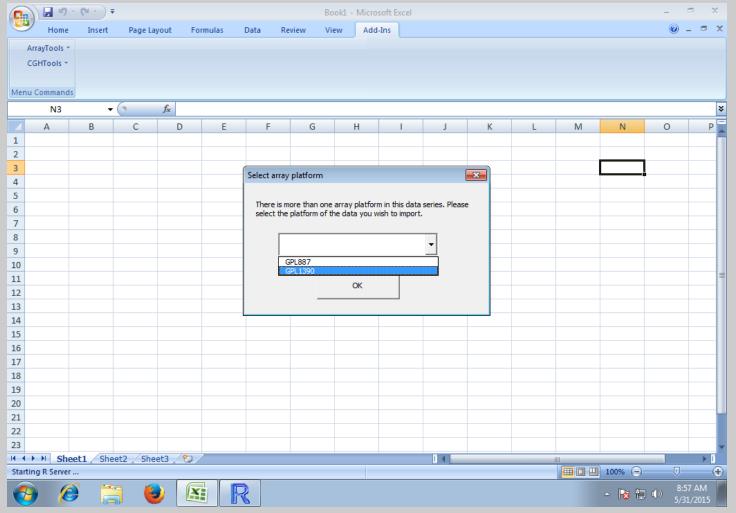
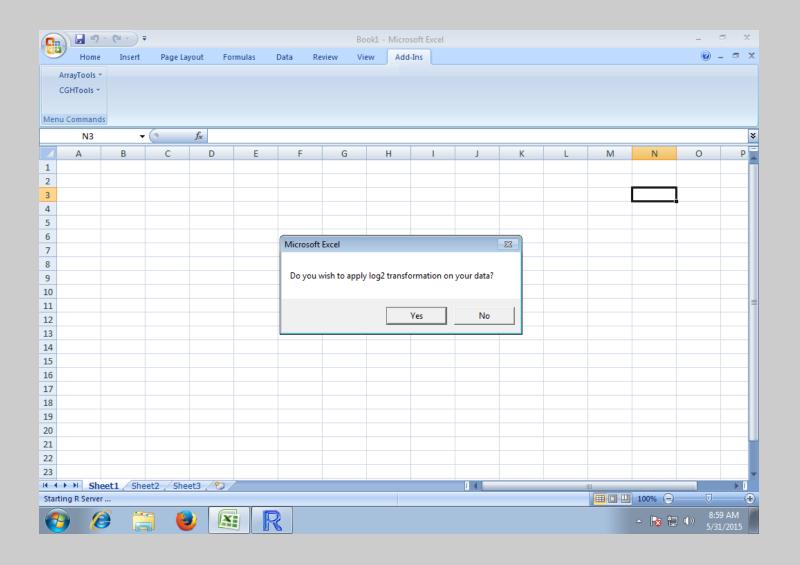
# Importing GSE series is a new feature in BRB-ArrayTools v4.5.0

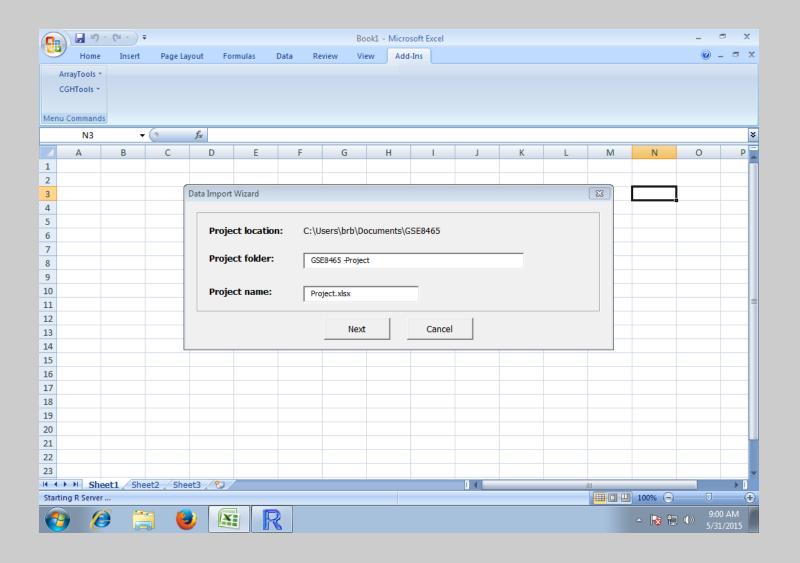
In this example, I pick up one GSE series contains more than one GPL.



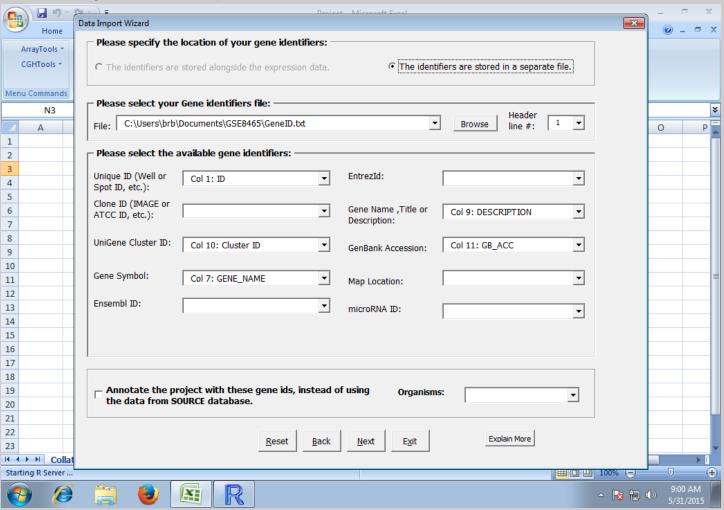




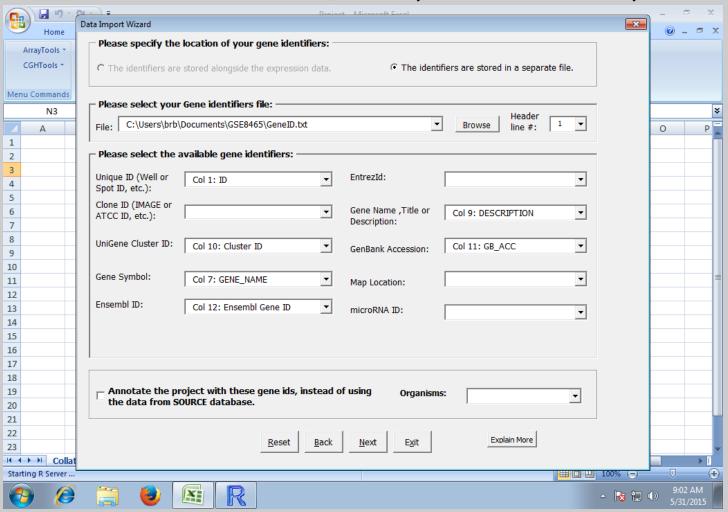


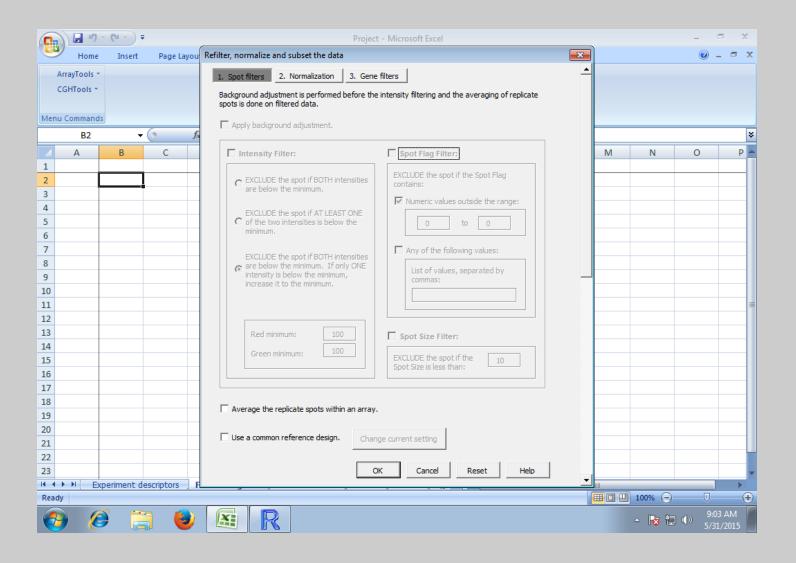


The available gene identifiers depend on <GeneID.txt> file. In this case, five IDs were used.

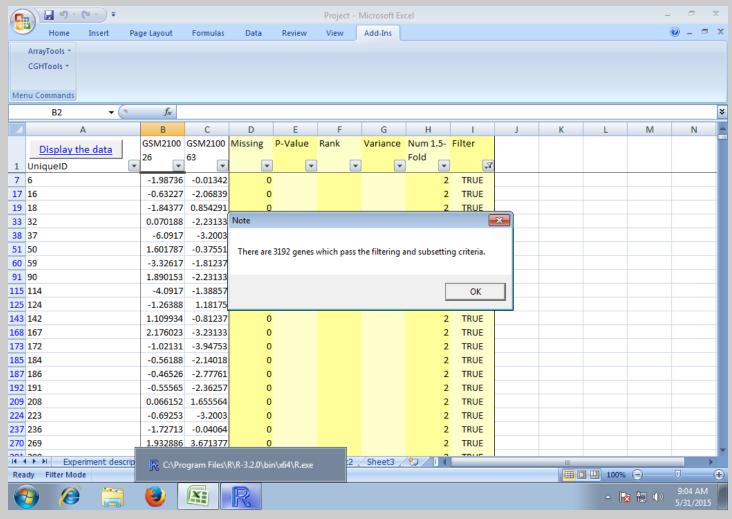


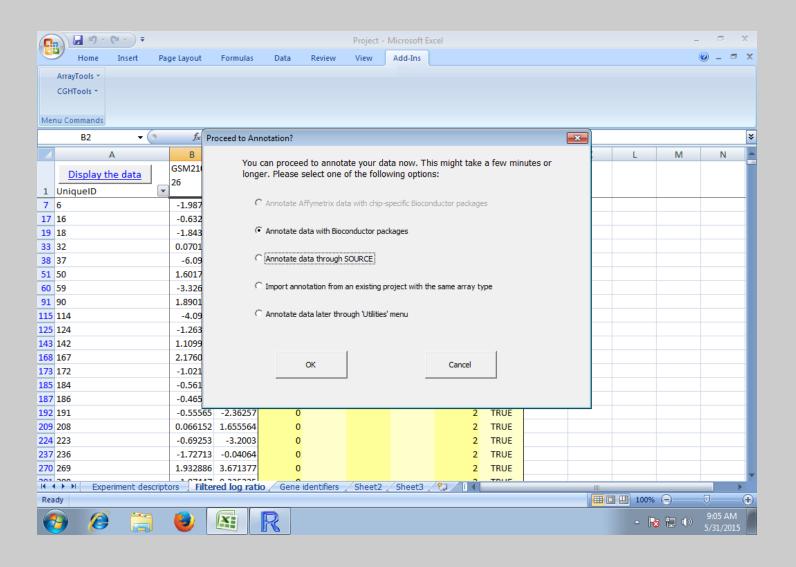
Since the <GeneID.txt> contains Ensembl column, we manually add it to the 'Ensemebl ID' entry.

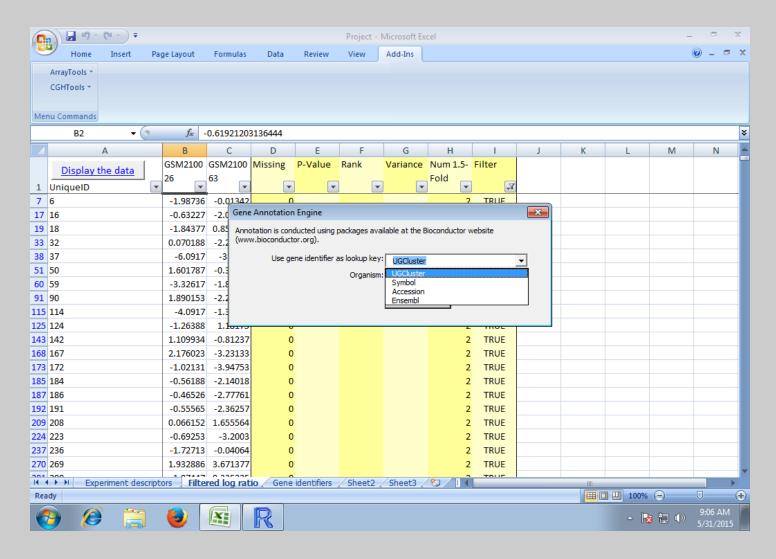




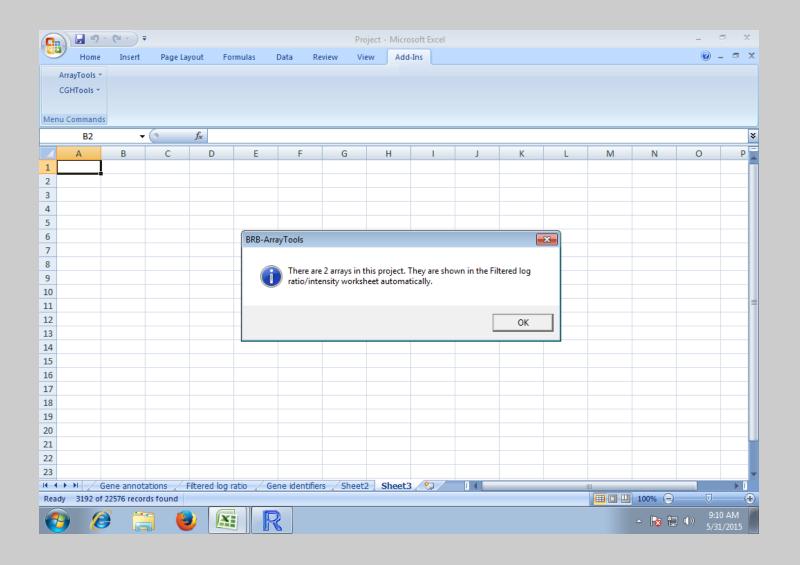
### Hit the OK button to continue.

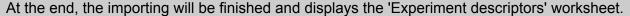


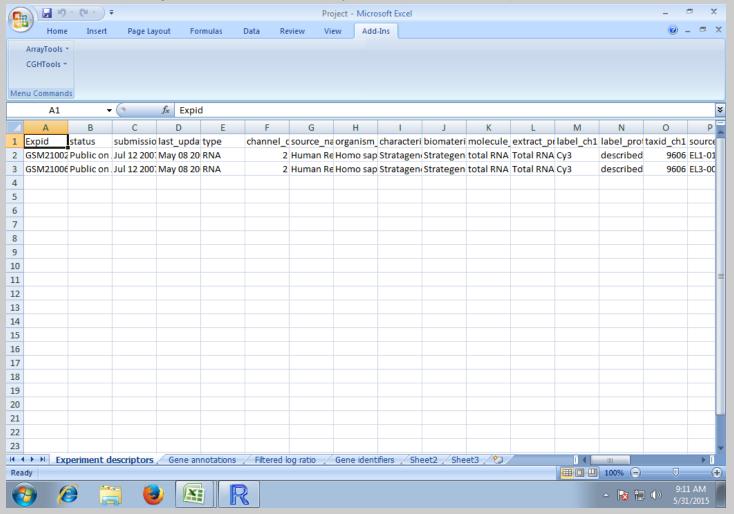




Here I pick up the first one 'UGCluster' for the lookup key. BRB-ArrayTools will start to download required R packages now.

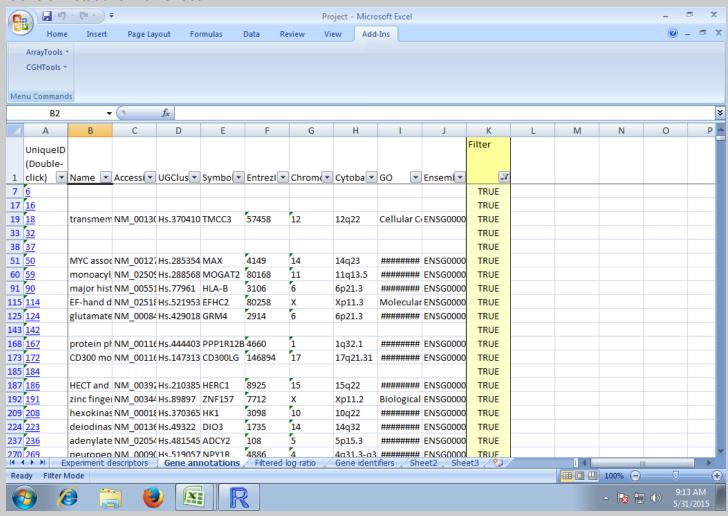




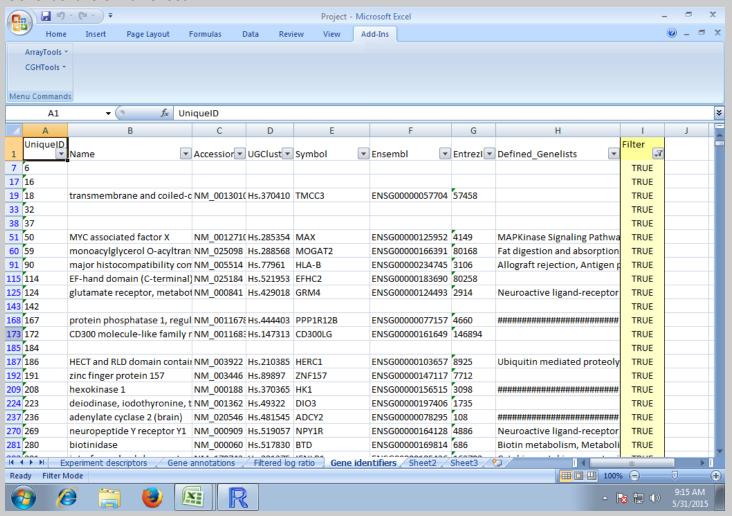


We can now go around different worksheet to see if everything looks right.

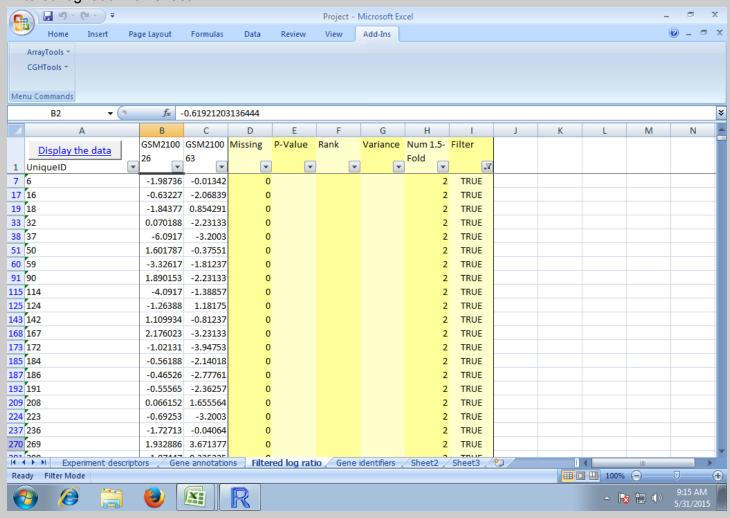
### 'Gene annotations' worksheet.



#### 'Gene identifiers' worksheet.



## 'Filtered log ratio' worksheet.



That's it!