```
> remove.file <- paste("/home/zhuob/protocol/Rsubread/", file1, sep="")</pre>
> datafile <- "GSE43073"</pre>
> setwd("/home/zhuob/protocol/Rsubread")
> read.file <- paste(datafile, "SraRunInfo.csv", sep="" )</pre>
> RunInfo <- read.csv(read.file, stringsAsFactors=F)</pre>
Error in file(file, "rt") : cannot open the connection
In addition: Warning message:
In file(file, "rt") :
 cannot open file 'GSE43073SraRunInfo.csv': No such file or directory
> id <- which(RunInfo$LibraryStrategy=="RNA-Seq")</pre>
> RunInfo <- RunInfo[id, ]</pre>
> (fs <- basename(RunInfo$download path))</pre>
[1] "SRR652150.sra" "SRR652151.sra" "SRR652152.sra"
[4] "SRR652153.sra" "SRR974750.sra" "SRR974751.sra"
[7] "SRR974752.sra" "SRR974753.sra"
> filepath <- RunInfo$download path
> fsname <- RunInfo$SampleName
> fastq.name <- RunInfo$Run</pre>
> layout <- RunInfo$LibraryLayout
> bamfile <- paste(fastq.name, ".bam", sep="")</pre>
> ## The options for featureCounts are discussed here. see #78
> # http://seqanswers.com/forums/showthread.php?t=30258&page=4-
> fc <- featureCounts(files=bamfile,
annot.ext="Arabidopsis thaliana.TAIR10.22.gtf",
                      isGTFAnnotationFile=T)
                          ) | | | | | | |
       Rsubread 1.14.2
//====== featureCounts setting
========\\
Input files: 8 BAM files
II
| |
II
                              S SRR652150.bam
| |
II
                              S SRR652151.bam
S SRR652152.bam
| \cdot |
| \cdot |
                            S SRR652153.bam
| |
```

```
S SRR974750.bam
| |
S SRR974751.bam
S SRR974752.bam
S SRR974753.bam
Output file : ./.Rsubread_featureCounts_pid2158
Annotations: Arabidopsis thaliana.TAIR10.22.gtf (GTF)
| |
Threads : 1
Level : meta-feature level
\prod
\Box
             Paired-end : no
Strand specific : no
Multimapping reads : not counted
|| Multi-overlapping reads : not counted
\\========== http://subread.sourceforge.net/
========//
//====== Running
=========\\
|| Load annotation file Arabidopsis thaliana.TAIR10.22.gtf ...
   Features : 217183
|| Meta-features : 33602
Chromosomes: 7
|| Process BAM file SRR652150.bam...
Single-end reads are included.
\Box
Assign reads to features...
```

```
Total reads : 60759629
| \cdot |
\Box
     Successfully assigned reads: 33713477 (55.5%)
\Box
     Running time : 3.56 minutes
| \cdot |
|| Process BAM file SRR652151.bam...
Single-end reads are included.
\Box
     Assign reads to features...
\Box
Total reads : 57778356
Successfully assigned reads : 37016684 (64.1%)
\Box
     Running time : 3.61 minutes
\Box
II
|| Process BAM file SRR652152.bam...
Single-end reads are included.
\Box
     Assign reads to features...
Total reads : 172442676
Successfully assigned reads: 40791388 (23.7%)
Running time : 8.82 minutes
\Box
|| Process BAM file SRR652153.bam...
Single-end reads are included.
\Box
Assign reads to features...
\Box
     Total reads : 149540193
Successfully assigned reads: 33673854 (22.5%)
\Box
Running time : 7.53 minutes
| \cdot |
\prod
|| Process BAM file SRR974750.bam...
\Box
     Single-end reads are included.
| \cdot |
```

```
Assign reads to features...
\Box
     Total reads : 62469755
\Box
     Successfully assigned reads: 42598094 (68.2%)
\Box
     Running time : 3.97 minutes
| \cdot |
|| Process BAM file SRR974751.bam...
\Box
     Single-end reads are included.
Assign reads to features...
Total reads : 69543500
\Box
     Successfully assigned reads: 47533065 (68.4%)
Running time : 4.66 minutes
II
|| Process BAM file SRR974752.bam...
Single-end reads are included.
\prod
Assign reads to features...
Total reads : 158353479
Successfully assigned reads: 58651427 (37.0%)
Running time : 8.59 minutes
|| Process BAM file SRR974753.bam...
Single-end reads are included.
\Box
Assign reads to features...
Total reads : 153191513
\Box
Successfully assigned reads: 71414048 (46.6%)
\prod
     Running time : 8.44 minutes
\Box
\Box
Read assignment finished.
| \cdot |
```