

Examples

```
##demonstrate how to use a flowFrame
## Not run:
require(flowCore)
samp <- read.FCS(system.file("extdata","0877408774.B08",
package="flowCore"))
##do the clustering based on the asinh transformtion of
##the first two FL channels
fp<-flowPeaks(asinh(samp@exprs[,3:4]))
plot(fp)

## End(Not run)

data(barcode)
fp<-flowPeaks(barcode[,c(1,3)])
plot(fp)

##to compare it with the gold standard
evalCluster(barcode.cid,fp$peaks.cluster,method="Vmeasure")

#to remove the outliers
fpc<-assign.flowPeaks(fp,fp$x)
plot(fp,classlab=fpc,drawboundary=FALSE,
drawvor=FALSE,drawkmeans=FALSE,drawlab=TRUE)

#to adjust the cluster by increasing the tol,h0, h, which results
#in a smaller number of clusters
fp2<-adjust.flowPeaks(fp,tol=0.5,h0=2,h=2)
summary(fp2)
print(fp) #an alternative of using summary(fp)
```

plot.flowPeaks

Plot the results generated by flowPeaks

Description

This function takes the results generated from flowPeaks as an input, and plot the data in 2D. These plots display the clustering structure

Usage

```
## S3 method for class 'flowPeaks'
plot(x,idx=c(1,2),drawlab=FALSE,
cols=c("red","green3","blue","cyan","magenta","yellow","gray"),drawvor=TRUE,
drawlocalpeaks=FALSE,drawkmeans=TRUE,drawboundary=TRUE,
classlab, negcol, negpch,...)
```


Author(s)

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See Also

[flowPeaks](#)

summary.flowPeaks *The summary of the flowPeaks results*

Description

The summary of the flowPeaks results

Usage

```
## S3 method for class 'flowPeaks'  
summary(object,...)
```

Arguments

object The output from the function [flowPeaks](#)
... Optional additional arguments. At present no additional arguments are used.

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See Also

[flowPeaks](#)

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