

Examples

```
ex <- processedExample
ex <- runNormalisation(ex)
ex <- fitModel(ex)
corrPlot(ex)
```

densityPlot *Density plot for objects of class ChemoProtSet*

Description

Description

Usage

```
densityPlot(x, rankProteins = FALSE, ...)

## S4 method for signature 'ChemoProtSet'
densityPlot(x, rankProteins = FALSE, ...)
```

Arguments

x	object of class 'ChemoProtSet'
rankProteins	plot a the set of ranked proteins or plot the density of the channels
...	other plot options

Value

density plot for objects of class ChemoProtSet

Examples

```
ex <- processedExample
ex <- runNormalisation(ex)
ex <- fitModel(ex)
densityPlot(ex)
```



```
ex <- fitModel(ex)  
  
ex
```

<code>getDatasets</code>	<i>Accessor function for the datasets slot.</i>
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Description

Accessor function for the datasets slot of a ChemoProtSet object.

Usage

```
getDatasets(x)  
  
## S4 method for signature 'ChemoProtSet'  
getDatasets(x)
```

Arguments

x object of class ChemoProtSet

Value

object of class ChemoProtSet

See Also

[DoschedaSet](#)

Examples

```
ex <- new('ChemoProtSet')  
getDatasets(ex)
```

pcaPlot

PCA of the main data sets contained in a object of class ChemoProtSet

Description

Plot of Principal Component Analysis for the first two principal components of the experimental data.

Usage

```
pcaPlot(x, ...)  
  
## S4 method for signature 'ChemoProtSet'  
pcaPlot(x, ...)
```

Arguments

x	object of class 'ChemoProtSet'
...	other plot options

Value

PCA plot for objects of class ChemoProtSet

See Also

[DoschedaSet](#)

Examples

```
ex <- processedExample  
ex <- runNormalisation(ex)  
ex <- fitModel(ex)  
pcaPlot(ex)  
ex <- processedExample  
ex <- runNormalisation(ex)  
ex <- fitModel(ex)  
pcaPlot(ex)
```



```
dataChannels = channelNames,  
accessionChannel = 'Master.Protein.Accessions',  
sequenceChannel = 'Sequence',  
qualityChannel = 'Quality.PEP' )  
ex <- removePeptides(ex,removePeps = FALSE)  
ex  
  
## End(Not run)
```

*replicatePlot**Plot replicates between concentrations*

Description

Plot of Fold Change between replicate *i* and replicate *j* at a given concentration

Usage

```
replicatePlot(x, conc, repIndex1, repIndex2, ...)
```

```
## S4 method for signature 'ChemoProtSet'  
replicatePlot(x, conc, repIndex1, repIndex2, ...)
```

Arguments

<i>x</i>	object of class 'ChemoProtSet'
<i>conc</i>	concentration of channel
<i>repIndex1</i>	index of replicate on x axis
<i>repIndex2</i>	index of replicate on y axis
<i>...</i>	options

Value

Replicate plot for objects of class ChemoProtSet

Examples

```
ex <- processedExample  
ex <- runNormalisation(ex)  
ex <- fitModel(ex)  
replicatePlot(ex,0,1,2)
```


runNormalisation, ChemoProtSet-method
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