CAMERA Gene Set Analysis

Description

This finction performs gene set test using the method implemented in the camera function of th limma package

Usage

```
gsa_FUN(top_t = NULL, rma_obj, exprmnt, cntrst = "simple", msig.data.lists, cnt_mat = NULL, d_m = NULL, msigs = NULL, wts = NULL, pltfrm = "AFFY", res_path)
```

Arguments

top_t	toptable
rma_obj	an rma object or an MAList
exprmnt	character vector for the short experiment expression
cntrst	character, defaults to simple, which denotes a simple treatment-control design, otherwise pairwise contrasts are used as described in the contrast matrix
msig.data.lists	list of MSigDB gene lists
cnt_mat	contrast matrix
d_m	design matrix
msigs	only used if platform != affy, numeric for the number of MSigDB gene lists
wts	numeric weights of different samples
pltfrm	defaults to AFFY, but could be others
res_path	path to save files

Author(s)

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