Function : volcanoPlot

Usage: volcanoPlot(datainput, upColor="#bb0c00", downColor="#00AFBB", unchangedColor="grey", genes2label=NULL, labelGenes=TRUE, geneName.col="geneName", x.col="log2FoldChange", y.col="padj", plot.title="VolcanoPlot", x.label="log2FoldChange", y.label="-log10(padj)", point.size=2, transparency=1, x.lower.limit=NULL, x.Upper.limit=NULL, x.break=NULL, y.lower.limit=NULL, y.Upper.limit=NULL, y.break=NULL)

labelGenes : TRUE or FALSE

Genes2label : a vector of genes c("gene1","gene2", "gene3", ...)
or
number of genes to be labelled (default top 10 DE genes)

Transparency : Transparency of data points value ranges
from 0 (completely transparent) to 1 (Opaque)

x.Break y.break : Seperation between axis values

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datainput

x.col

y.col

geneName.col

Row.names	baseMean	log2FoldChange	lfcSE	pvalue	padj	geneName
ENSG00000000003	1911.99414	0.213613707	0.09099581	0.00034883	0.01291914	TSPAN6
ENSG00000000005	0.14879138	0.000840386	0.11962764	0.84717686	NA	TNMD
ENSG00000000419	275.503056	-0.052299446	0.07078422	0.30012544	0.62193764	DPM1
ENSG00000000457	153.379819	-0.016925259	0.06908069	0.73329572	0.89255441	SCYL3