nugohs1a520180cdf

April 2, 2013

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i2xy *Convert (x,y)-coordinates to single-number indices and back.*

Description

Convert (x,y)-coordinates on the chip (and in the CEL file) to the single-number indices used in AffyBatch and CDF environment, and back.

Usage

i2xy(i)
xy2i(x,y)

Arguments

x	numeric. x-coordinate (from 1 to 732)
y	numeric. y-coordinate (from 1 to 732)
i	numeric. single-number index (from 1 to 535824)

Details

Type i2xy and xy2i at the R prompt to view the function definitions.

See Also

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Examples

xy2i(5,5)
i   = 1:(732*732)
coord = i2xy(i)
j   = xy2i(coord[, "x"], coord[, "y"])
stopifnot(all(i==j))
range(coord[, "x"])
range(coord[, "y"])

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Description

environment describing the CDF file

nugohs1a520180dim	*nugohs1a520180dim*

Description

environment describing the CDF dimensions

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