hugene10stv1cdf

April 2, 2013

---

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 1050)
y	numeric. y-coordinate (from 1 to 1050)
i	numeric. single-number index (from 1 to 1102500)

Details

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

See Also

hugene10stv1cdf

Examples

xy2i(5,5)
i   = 1:(1050*1050)
coord = i2xy(i)
j   = xy2i(coord[, "x"], coord[, "y"])
stopifnot(all(i==j))
range(coord[, "x"])
range(coord[, "y"])

1

hugene10stv1cdf	*hugene10stv1cdf*

Description

environment describing the CDF file

hugene10stv1dim	*hugene10stv1dim*

Description

environment describing the CDF dimensions

Index