

gahgu95dcdf

April 4, 2014

gahgu95dcdf

gahgu95dcdf

Description

environment describing the CDF file

gahgu95ddim

gahgu95ddim

Description

environment describing the CDF dimensions

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 640)
y numeric. y-coordinate (from 1 to 640)
i numeric. single-number index (from 1 to 409600)

Details

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

See Also

[gahgu95dcdf](#)

Examples

```
xy2i(5,5)
i      = 1:(640*640)
coord = i2xy(i)
j      = xy2i(coord[, "x"], coord[, "y"])
stopifnot(all(i==j))
range(coord[, "x"])
range(coord[, "y"])
```

Index

*Topic **datasets**

gahgu95dcdf, 1

gahgu95ddim, 1

i2xy, 1

gahgu95dcdf, 1, 2

gahgu95ddim, 1

i2xy, 1

xy2i (i2xy), 1