agcdf

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agcdf	agcdf	
Description environment of	describing the CDF file	
agdim	agdim	
Description environment of	describing the CDF dimensions	
i2xy	Convert (x,y)-coordinates to single-number indices and b	ack.

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 534)
y numeric. y-coordinate (from 1 to 534)
i numeric. single-number index (from 1 to 285156)

2 i2xy

Details

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

See Also

```
agcdf
```

Examples

```
xy2i(5,5)
i = 1:(534*534)
coord = i2xy(i)
j = xy2i(coord[, "x"], coord[, "y"])
stopifnot(all(i==j))
range(coord[, "x"])
range(coord[, "y"])
```

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