



Tutorial 1.6: Export heatmap image and table results

Export the results of the enrichment analysis as an image and as a table containing the details of the statistic results

New
Open

Save
Save As ...

Close

Import

Export

Exit

Details Properties

Rows Columns Cells

Height

Export labels ...
Export matrix ...
Export table ...
Export heatmap as an image ...
Export scale as an image ...
Export heatmap as html ...
Export PDF report ...

Color

Show color

Color

Scale

P-Value scale

Value Right P-Value

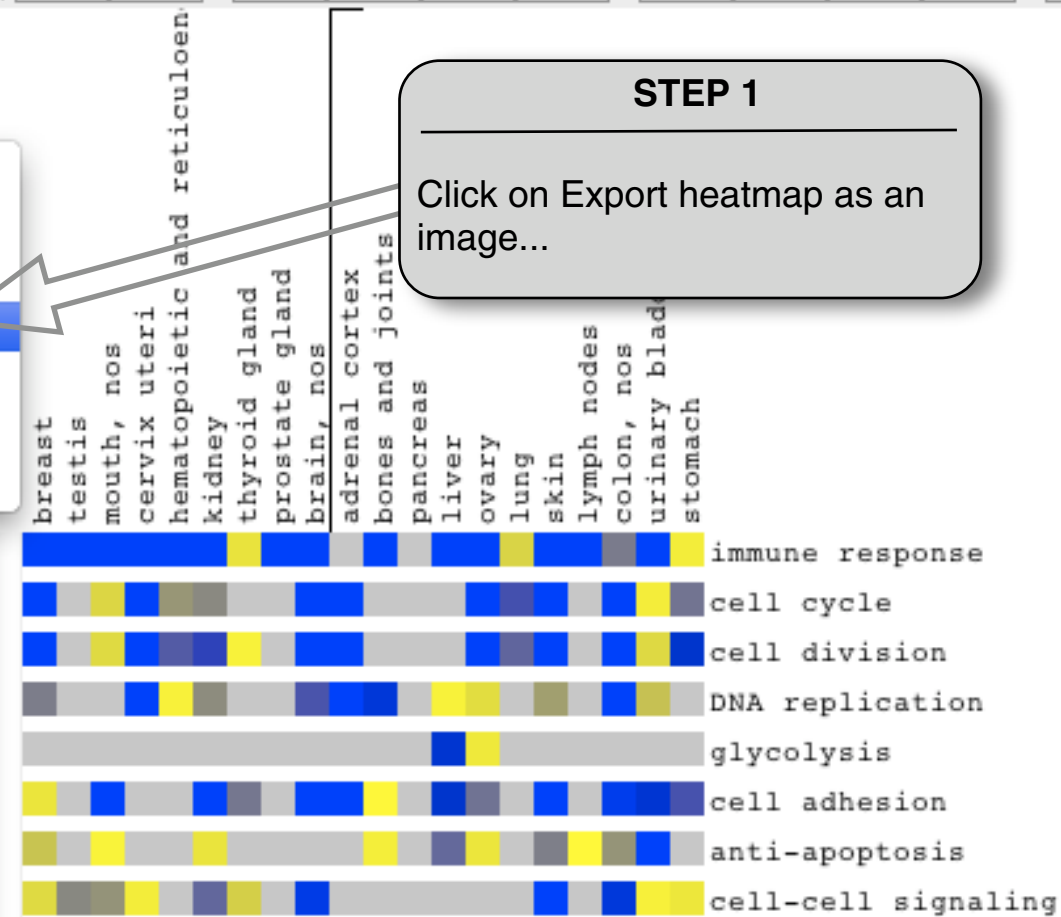
Filter sig. by

Corrected right P-Value

Sig. level 0.05



IntOGen_upreg_tumortypes_GOprocess-results-0.heatmap



STEP 1

Click on Export heatmap as an image...

0,00 0,05

1,00



Export heatmap to image ...



Select destination file

Name Folder Format Generated file **STEP 2**

Give a name to the image, select
the directory where to save it
and the format

< Back

Next >

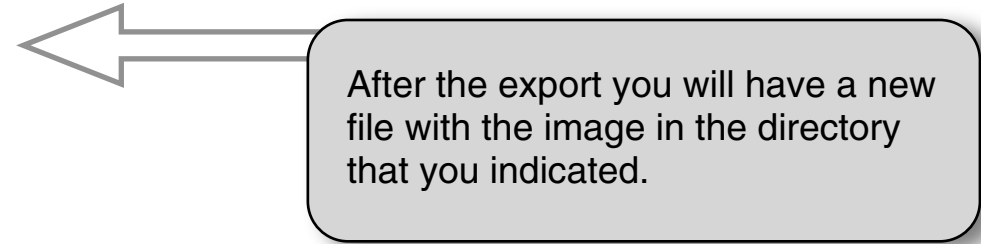
Cancel

Finish

Help

0,00 0,05

1,00



File Edit Data Help

New
OpenSave
Save As ...

Close

Import

Export

Exit

Details Properties

Rows Columns Cells

Height 13

Export labels ...

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Export table ...

Export heatmap as an image ...

Export scale as an image ...

Export heatmap as html ...

Export PDF report ...

Color

Show color

Color

Size

Scale

P-Value scale

Value Right P-Value

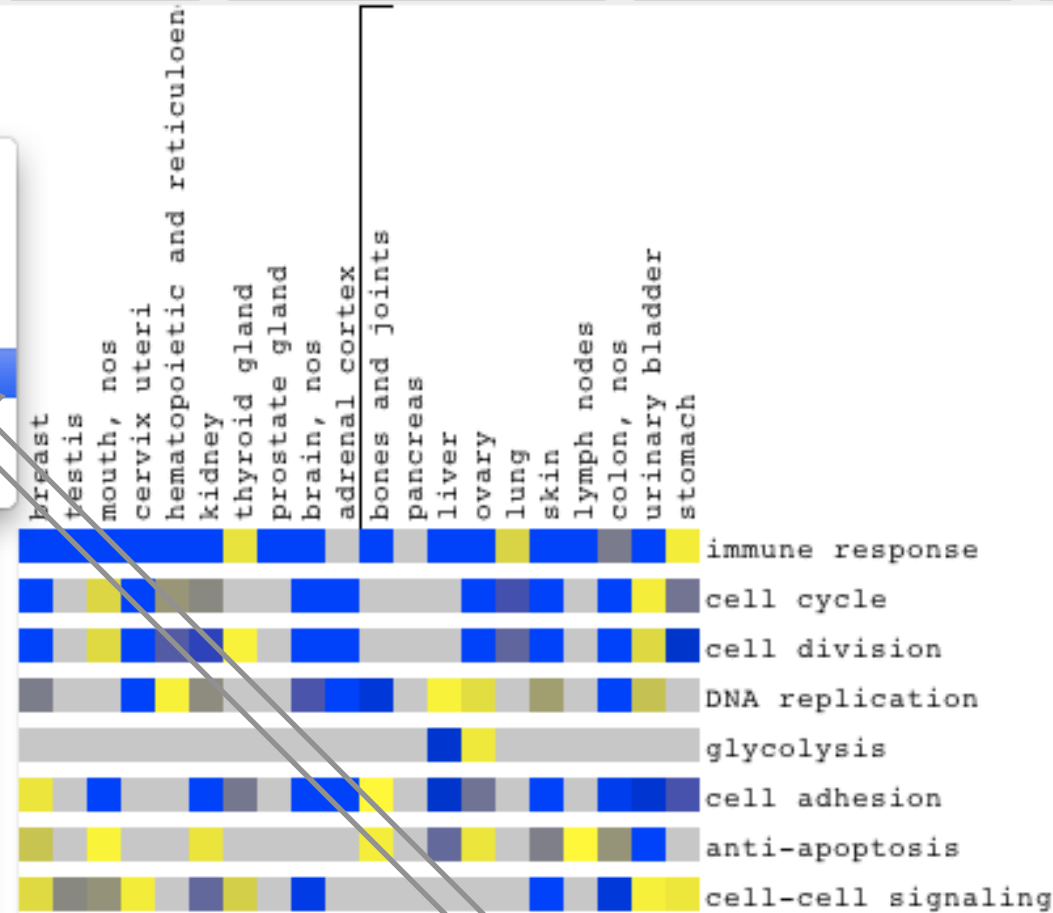
Filter sig. by

Corrected right P-Value

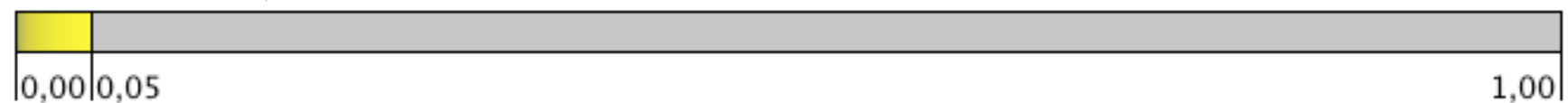
Sig. level 0.05

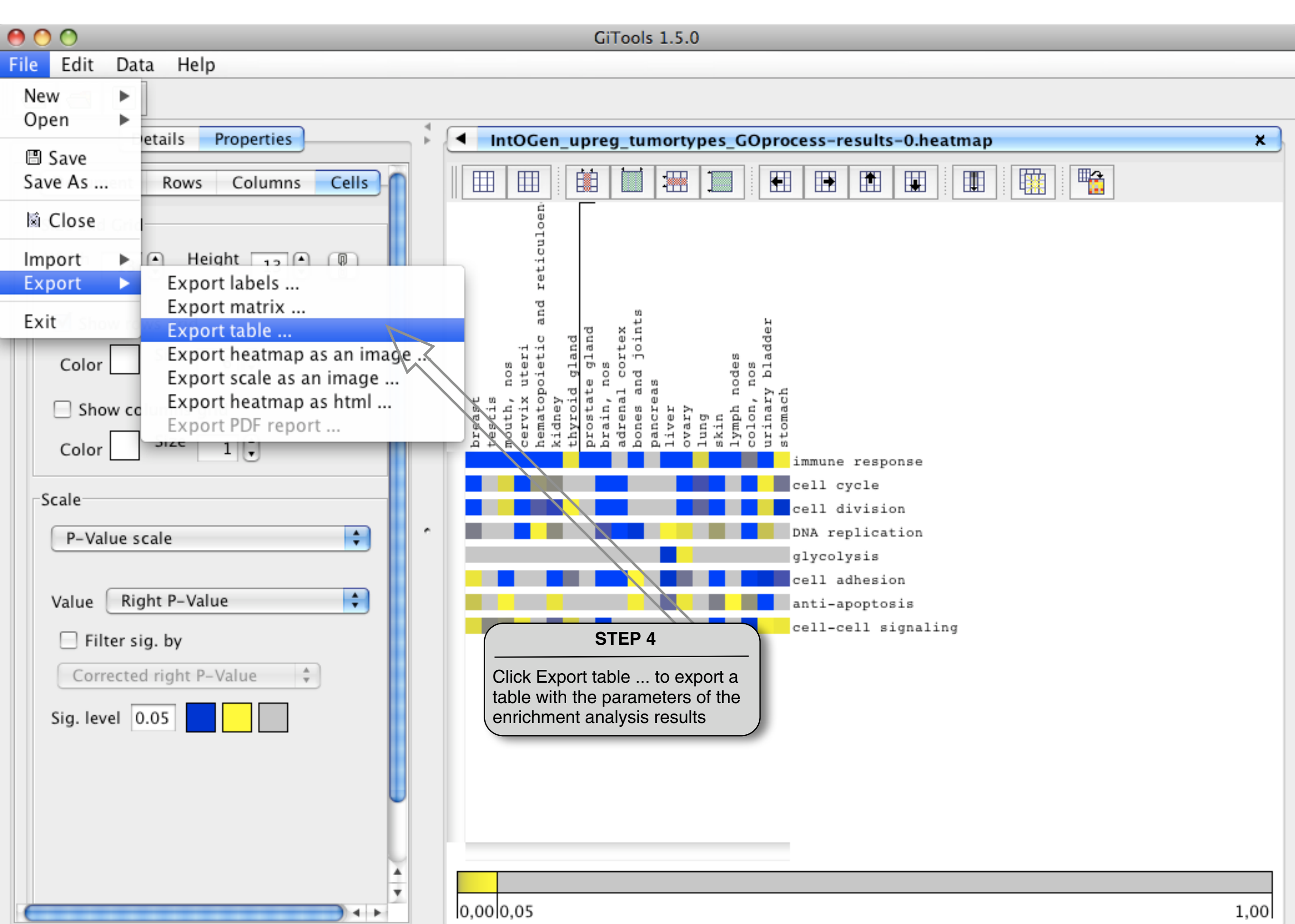


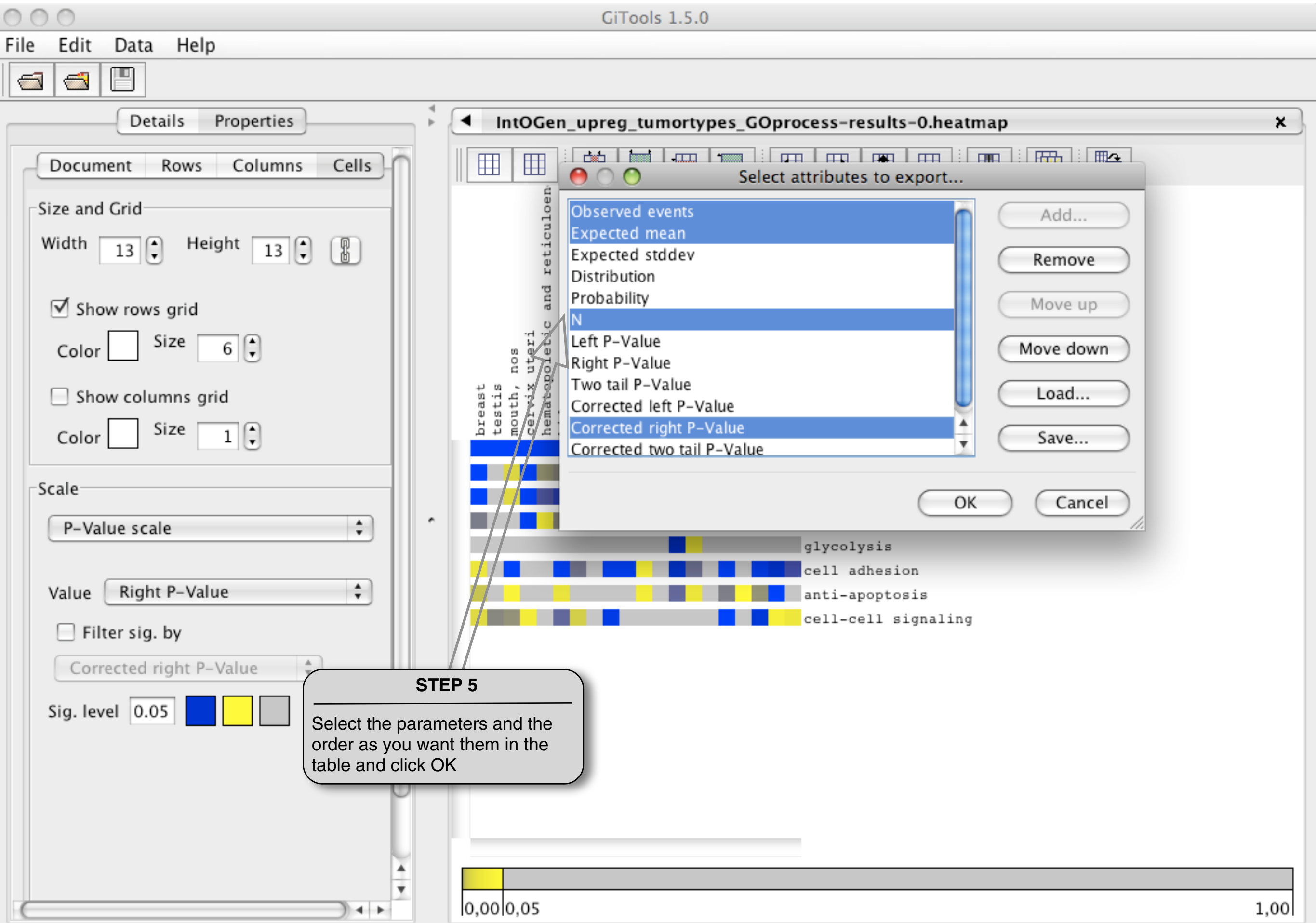
IntOGen_upreg_tumortypes_GOprocess-results-0.heatmap

**STEP 3**

You can also export the image of the scale you have selected to use it in your figures







▼ results
intogen.tumortypes.upreg.results.txt

After the export you will have a new file that contains the table with the parameters that you selected.

	A	B	C	D	E	F	G
1	row	column	observed	expected-mea	expected-stde	N	corrected-right-p-value
2	GO:0006955	140-4	100	21.8543389	4.58993448	607	9.79E-34
3	GO:0006955	110-4	145	26.4811849	5.00644703	495	4.57E-62
4	GO:0006955	118-4	75	17.706647	4.13823239	539	9.59E-23
5	GO:0006955	120-4	95	34.5654805	5.70167287	581	1.29E-16
6	GO:0006955	131-4	71	28.7309645	5.232374	610	8.77E-10
7	GO:0006955	145-4	179	47.3984682	6.59785279	581	3.44E-53
8	GO:0006955	160-4	34	23.1738309	4.71178914	552	0.461288861
9	GO:0006955	168-4	65	24.2062991	4.81730143	586	6.53E-10
10	GO:0006955	172-4	149	57.5271866	7.19938779	581	8.63E-25
11	GO:0006955	180-4	70	86.8808023	8.59586743	581	1
12	GO:0006955	188-4	111	50.9058108	6.78756999	536	8.80E-13
13	GO:0006955	189-4	22	15.0865233	3.83389927	587	0.95381516
14	GO:0006955	201-4	89	48.4298302	6.58843355	467	9.14E-07
15	GO:0006955	202-4	114	44.7046212	6.40125539	536	3.83E-18
16	GO:0006955	42-4	25	14.8400335	3.80520659	611	0.50269551
17	GO:0006955	44-4	229	72.0073203	7.94247811	581	4.96E-58
18	GO:0006955	49-4	150	47.9008077	6.63611591	594	4.96E-34

New
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Save As ...

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Import

Export

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Export labels ...

Export matrix ...

Export table ...

Export heatmap as an image ...

Export scale as an image ...

Export heatmap as html ...

Export PDF report ...

Color

Show color

Color

Scale

P-Value scale

Value Right P-Value

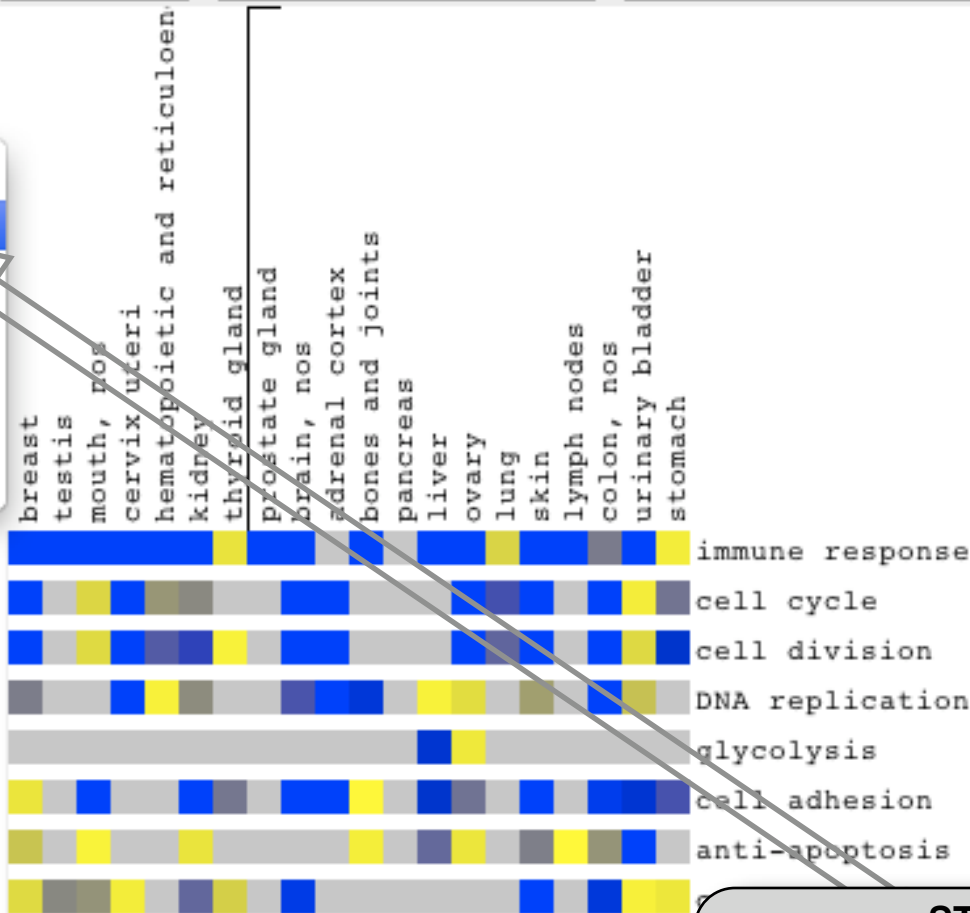
Filter sig. by

Corrected right P-Value

Sig. level 0.05



IntOGen_upreg_tumortypes_GOprocess-results-0.heatmap



STEP 6

You can also export a matrix of numbers. Click Export matrix...

0,00 0,05

1,00



Details Properties

Document Rows Columns Cells

Size and Grid

Width 13 Height 13

☒ Show rows grid

Color Size 6

☐ Show columns grid

Color Size 1

Scale

P-Value scale

Value Right P-Value

☐ Filter sig. by

Corrected right P-Value

Sig. level 0.05



IntOGen_upreg_tumortypes_GOprocess-results-0.heatmap

nos
uteri
oietic and reticuloen
gland
e gland
nos
cortex
nd joints
s
odes
nos
bladder

Export table data



What do you want to export ?

Corrected right P-Value

Probability

N

Left P-Value

Right P-Value

Two tail P-Value

Corrected left P-Value

✓ Corrected right P-Value

Corrected two tail P-Value

response

e

sion

cation

s

sion

apoptosis

cell signaling

STEP 7

Select one parameter to show in the matrix and click OK.

0,00 0,05

1,00

▼ results
intogen.tumortypes.upreg.results.matrix.txt

After the export you will have a new file with a matrix of values for the parameter that you selected.

	A	B	C	D	E	F	G
1		breast	testis	mouth, nos	cervix uteri	hematopoietic	kidney
2	immune response	9.79E-34	4.57E-62	9.59E-23	1.29E-16	8.77E-10	3.44E-53
3	cell cycle	8.94E-11	1	0.12070656	6.37E-27	0.05831939	0.00633258
4	cell division	1.67E-10	1	0.13660774	1.83E-17	0.00763564	5.61E-04
5	DNA replication	0.00712393	1	1	1.83E-13	0.92372477	0.00697855
6	glycolysis	0.84641505	1	1	1	1	0.22299291
7	cell adhesion	0.18734638	0.44641682	2.26E-05	1	1	6.65E-12
8	anti-apoptosis	0.07831509	1	0.32652809	0.83235126	1	0.09135629
9	cell-cell signaling	0.1380544	0.01468843	0.01678325	0.32066301	1	0.00195888



THANKS FOR USING GITTOOLS

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