





### Data Export



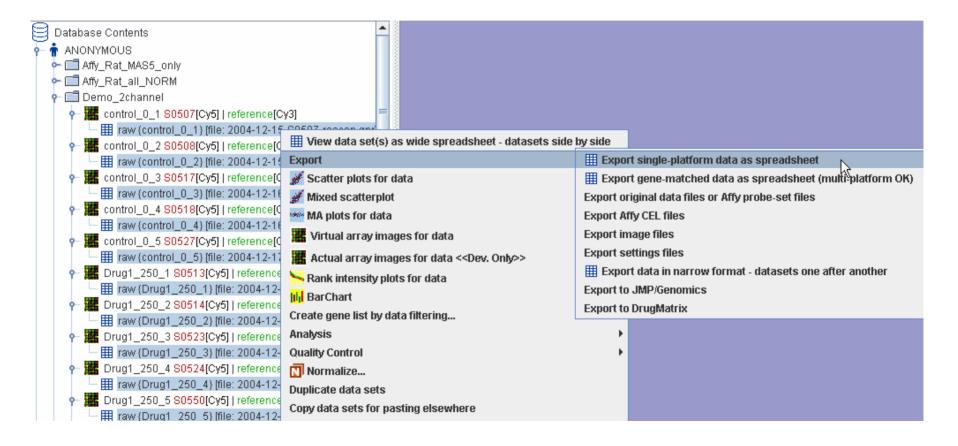
Right-click the experiment, ->select datasets -> select raw datasets...if you want To export raw data.

Note: user can also select normalized data to export.

#### Data Export

			<b>9</b> -1		Demo_2channel
				9-	Drug1_250_1 S0513[Cy5]   reference[Cy3]
Select D	atasets 🛛 🔀				Image: massive text and the image is a second state of the
2	Search Pattern				Drug1_250_2 80514[Cy5]   reference[Cy3]
?	*				🗆 🌐 raw (Drug1_250_2) [file: 2004-12-15-S0514.gpr]
	Pattern Style			9	Drug1_250_3 80523[Cy5]   reference[Cy3]
	Image: Simple pattern (with * wildcard) Image: regular expression (complete match required)		1		— 🌐 raw (Drug1_250_3) [file: 2004-12-16-S0523.gpr]
			7/	9-	Drug1_250_4 80524[Cy5]   reference[Cy3]
	case sensitive		Í		🗆 🌐 raw (Drug1_250_4) [file: 2004-12-16-S0524.gpr]
				9	Drug1_250_5 80550[Cy5]   reference[Cy3]
	Advanced				Taw {Drug1_250_5} [file: 2004-12-17-S0550.gpr]
	OK Cancel			9-	Drug1_500_1 S0515[Cy5]   reference[Cy3]
					main and a start the start of the start o
				9	Drug1_500_2 S0516[Cy5]   reference[Cy3]
					## raw {Drug1_500_2} [file: 2004-12-15-S0516.gpr]
					Drug1_500_3 80525[Cy5]   reference[Cy3]
					🔲 🌐 raw (Drug1_500_3) [file: 2004-12-16-S0525.gpr]
					Drug1_500_4 S0526[Cy5]   reference[Cy3]
					🔲 🌐 raw (Drug1_500_4) [file: 2004-12-16-S0526.gpr]
				9	Drug1_500_5 80549[Cy5]   reference[Cy3]
					🔲 🌐 raw (Drug1_500_5) [file: 2004-12-17-S0549.gpr]
				<b>•</b>	<pre>control_0_1 S0507[Cy5]   reference[Cy3]</pre>
					🔚 🔠 raw (control_0_1) [file: 2004-12-15-S0507-rescan.gpr]
				9	<pre>control_0_2 S0508[Cy5]   reference[Cy3]</pre>
					🔲 🏢 raw (control_0_2) [file: 2004-12-15-S0508-rescan.gpr]
					control_0_3 S0517[Cy5]   reference[Cy3]
					🔠 raw (control_0_3) [file: 2004-12-16-S0517.gpr]
	All the selected data will be highlighted.		9	control_0_4 S0518[Cy5]   reference[Cy3]	
					└─ ऻॖॖॖॖॖ raw {control_0_4} [file: 2004-12-16-S0518-rescan2.gpr]
				<b>9</b> -	<pre>control_0_5 80527[Cy5]   reference[Cy3]</pre>

— III raw {control\_0\_5} [file: 2004-12-17-S0527-rescan.gpr]



Right-click the highlighted data, select Export -> Export single-platform data as spreadsheet.

ons							
utput Options							
Intensity Data Fields Dataset Filtering Ge	ene Filtering   Spot Fields   Dataset Naming						
🗹 include intensities 🔲 include spot A-values 🔲 subtract backgrounds in intensities							
✓ include separate background columns							
include log intensities 🔲 with backgrounds subtracted							
include ratios 🕑 with backgrounds subtracted							
✓ include log ratios ✓ with backgrounds subtracted							
ch1/ch2 ratios      ch2/ch1 ratios      both ratios							
Flags							
🗹 include flag values (as integers) 🔽 include original flag values 🔲 Exclude spots flagged as bad							
🗌 include spot pixel statistics 🛛 include pro	obe p-values						
Log base: 2 💌							
Number of digits to show after decimals: 4							
Group columns by 💿 samples 🔾 dyes 🔾	datasets						

Dataset Filtering

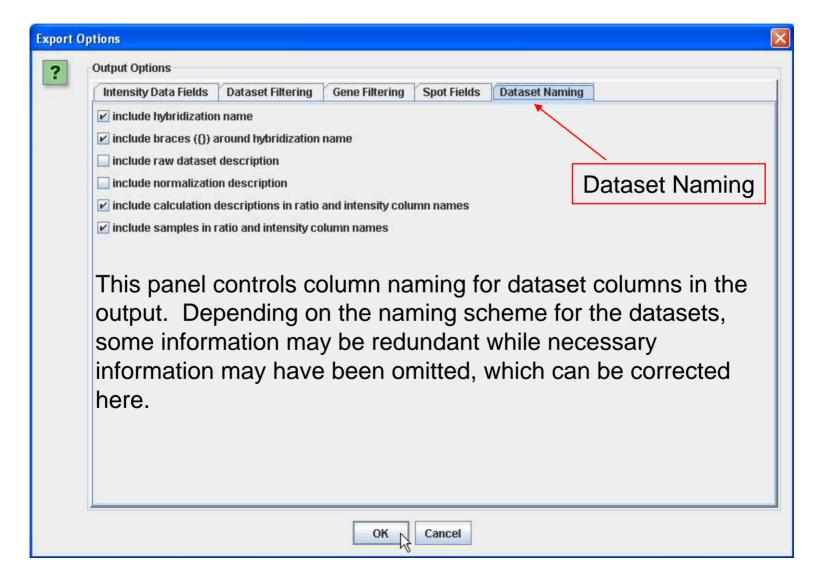
Intensity	Data Fields	Dataset Filteri	ng G	ene Filtering	Spot Fields Dataset Na	ning			
<b>%</b>	中 <sub>以</sub> Choose	un-Choose	100	All Groups					
387	A Hybridizati	on SAMPLE 1	VIVO	DOSING 1	Datafile	LABEL 1	SAMPLE 2	LABEL 2	
V Filter>									1
1 🚺	Drug1_250_1	1 80513	Drug1	250 6months	2004-12-15-80513.gpr	Cy5	reference	СуЗ	N
2 🚺	Drug1_250_3	2 80514	Drug1	250 6months	2004-12-15-80514.gpr	Cy5	reference	Суз	N
з 🚺	Drug1_250_3	3 80523	Drug1	250 6months	2004-12-16-S0523.gpr	Cy5	reference	СуЗ	N
4 🚺	Drug1_250_4	4 80524	Drug1	250 6months	2004-12-16-80524.gpr	Cy5	reference	СуЗ	N
5 🚺	Drug1_250_:	5 80550	Drug1	250 6months	2004-12-17-80550.gpr	Cy5	reference	СуЗ	N
6 🚺	Drug1_500_1	1 S0515	Drug1	500 6months	2004-12-15-80515.gpr	Cy5	reference	СуЗ	N
7 1	Drug1_500_3	2 80516	Drug1	500 6months	2004-12-15-80516.gpr	Cy5	reference	СуЗ	N
8 🚺	Drug1_500_3	3 80525	Drug1	500 6months	2004-12-16-80525.gpr	Cy5	reference	СуЗ	Ν
9 🚺	Drug1_500_4	4 80526	Drug1	500 6months	2004-12-16-S0526.gpr	Cy5	reference	СуЗ	N
10 🚺	Drug1_500_9	5 80549	Drug1	500 6months	2004-12-17-S0549.gpr	Cy5	reference	СуЗ	N
11 2	control_0_1	S0507	control	0 6months	2004-12-15-S0507-rescan.gp	r Cy5	reference	СуЗ	N
12 2	control_0_2	S0508	control	0 6months	2004-12-15-S0508-rescan.gp	r Cy5	reference	СуЗ	N
13 2	control_0_3	S0517	control	0 6months	2004-12-16-S0517.gpr	Cy5	reference	Суз	N
	•					al.		101 12	

OK

Cancel

**Export Options Output Options** ? **Spot Fields Intensity Data Fields Dataset Filtering Gene Filtering Dataset Naming** Only include genes from gene list: <all genes> <all genes> Final removeall86Flag\_693[1/86 flags P] in exp. "CdRatU34" (1)L\_CTR\_vs\_L\_CFY in exp. "MAQC\_Rat\_AFX2" (10)L CFY vs K CTR in exp. "MAQC Rat AFX2" (11)L CFY vs L AA in exp. "MAQC Rat AFX2" (12)L\_CTR\_vs\_L\_AA in exp. "MAQC\_Rat\_AFX2" (13)L\_CTR\_vs\_K\_AA in exp. "MAQC\_Rat\_AFX2" Matc (14)L\_RDL\_vs\_L\_CFY in exp. "MAQC\_Rat\_AFX2" -Select genes for the export criteria OK Cancel

Output Options			Spot Fields
Intensity Data Fields	ataset Filtering Gene Filtering	Spot Fields Dataset Naming	
SPOTID DOS_ROW		POS_COL	POS_DESCR_MFR
ARRAYTYPENAME	GENEBANKACC	GEN_ID_MFR	GEN_DESCR_MFR
CLASSIFICATION	DESCRIPTION	LOCUSID_MFR_CHAR	
SWISSPROT_ACC_NU	MBER 🔲 UNIGENEID	GENENAME	DESIGNATION
BIOSEQUENCE_TYPE		REPORTER_USAGE	CONTROL_TYPE
SEQUENCE	REPORTER_ID		CLASSIFICATION2
CLASSIFICATION3	REFSEQ_MFR		GENENAME_UPPER
PERCENT_A	PERCENT_T	PERCENT_G	PERCENT_C
PERCENT_GC	🔲 ТМ	SECURE_SEQUENCE	REFSEQ



🐼 Save		X
Save In: 😂 Local Disk (D:)	- <b>a</b> <del>a</del> <b>a</b>	
📑 7efca8e73351bc76aad58af2417	7ed3 🚍 inetpub	
📑 ArrayTrack	📑 ISIS tox database	
🗂 DataAnalysisConcept	☐ JMP	
📑 exe	📑 MAQC_main	
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🗂 GeneChip	🗂 ora9ids	
		•
File <u>N</u> ame:		
Files of <u>T</u> ype: All Files		-
		Cancel

Save to your folder

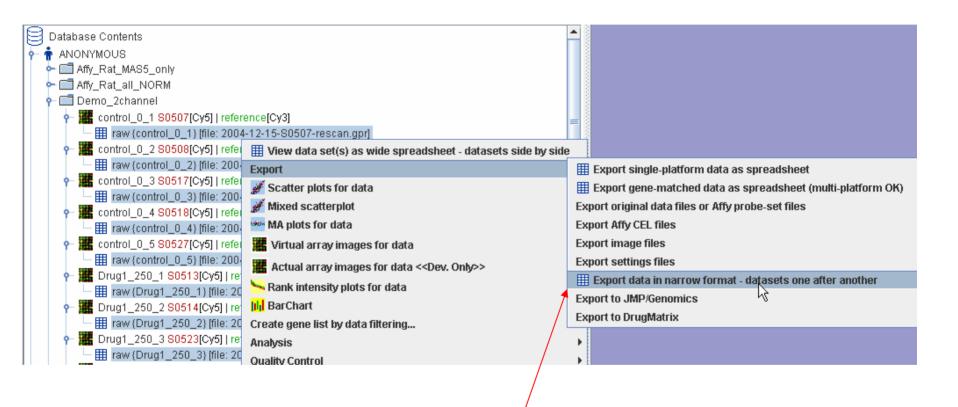
#### Data Export – Export original files

Database Contents  ANONYMOUS  Affy_Rat_MAS5_only  Affy_Rat_all_NORM  C Demo_2channel  C Drug1_250_1 80513[Cy5]   reference[Cy3]  C M CDrug1_250_1 [file: 2004-12-15-80513.gg	va Ⅲ View data set(s) as wide spreadsheet - datasets side by side	
□ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	Export •	Export single-platform data as spreadsheet
Drug1_250_3 80523[Cy5]   reference[Cy3]	🖋 Scatter plots for data	Export gene-matched data as spreadsheet (multi-platform OK)
🔲 🛗 raw (Drug1_250_3) [file: 2004-12-16-80523.gp	🖋 Mixed scatterplot	Export original data files or Affy probe-set files
P III Drug1_250_4 S0524[Cy5]   reference[Cy3]	🚧 MA plots for data	Export Affy CEL files
- III raw {Drug1_250_4} [file: 2004-12-16-80524.gp	Virtual array images for data	Export image files
P III Drug1_250_5 S0550[Cy5]   reference[Cy3] III raw {Drug1_250_5} [file: 2004-12-17-S0550.gp		Export settings files
Fine Taw (Drug1_250_5) [nie: 2004-12-17-30550.g);		Export data in narrow format - datasets one after another
→ mag1_305_1 50515[655] [file: 2004-12-15-80515.gg	Nank intensity plots for data	Export to JMP/Genomics
- W Drug1_500_2 S0516[Cy5]   reference[Cy3]	II,   BarChart	Export to DrugMatrix
🗖 🏢 raw (Drug1_500_2) (file: 2004-12-15-S0516.gp	Create gene list by data filtering	
P III Drug1_500_3 S0525[Cy5]   reference[Cy3]	Analysis +	
🔄 🌐 raw {Drug1_500_3} [file: 2004-12-16-S0525.gp	Quality Control	
P E Drug1_500_4 S0526[Cy5]   reference[Cy3]	Normalize	
- III raw {Drug1_500_4} [file: 2004-12-16-S0526.gp	Duplicate data sets	
P III Drug1_500_5 S0549[Cy5]   reference[Cy3]	Copy data sets for pasting elsewhere	
	Studies +	
→	Tree options	

#### Data Export – original data files

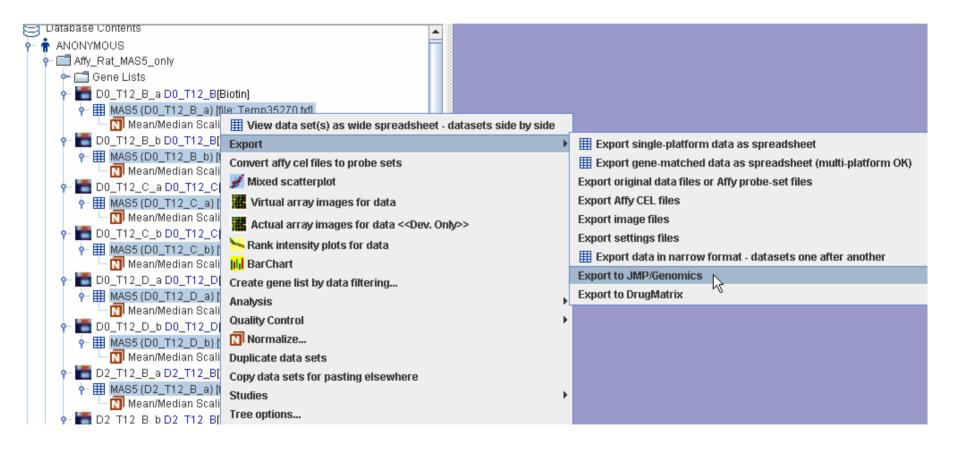
🇞 Choose Directory for Exports 🛛 🔀								
Save in: 😂	Local Disk (C:)			- A A BE				
<b>4</b>		Documents and Settings	- <b>-</b> 1	Output File Naming				
📑 Arraytraci	k_Manual	🚍 download		🗹 Include original file names				
📑 Arraytraci	kManual	DRIVERS	j 🗐	Include hybridization names				
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Chosen Directory C1								
	All Files							
				Save Cancel				

### Data Export- in narrow format



Choosing this option, you will save all the exported data in one file.

### Export Data – to JMP/Genomics



The user need JMP v6.0 or higher to open the exported files.

### Export data – to DrugMatrix

~_~~								
ę,		ibase Contents						
° 1		NONYMOUS						
		Affy_Rat_MAS5_	only					
	Î	- 📑 Gene Lists						
	9		a D0_T12_B[Biotin]					
		D) 22AM 🌐 🕂 م Mear 🔽	III View data set(s) as wide spreadsh	eet - datasets side by side				
		- 🔚 D0_T12_B	Export		Export single-platform data as spreadsheet			
		🔶 🌐 MAS5 (D	Convert affy cel files to probe sets		Export gene-matched data as spreadsheet (multi-platform OK)			
		Mear	🖋 Mixed scatterplot		Export original data files or Affy probe-set files			
	•	- 🛅 D0_T12_C	Virtual array images for data		Export Affy CEL files			
		- ₩ MAS5 {D			Export image files			
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	ľ	- D0_T12_C	≻ Rank intensity plots for data		Export settings files			
		D) 22AM 🌐 🥂	<mark>jilji</mark> BarChart		Export data in narrow format - datasets one after another			
		- 🔚 D0_T12_D	Create gene list by data filtering		Export to JMP/Genomics			
		← III MAS5 {D	Analysis		Export to DrugMatrix			
		🗌 🕅 Mear	Quality Control					
	•	- 🔚 D0_T12_D	Normalize					
		🔶 🌐 MAS5 (D						
		Mear	Duplicate data sets					
	•	- 🛅 D2_T12_B_	Copy data sets for pasting elsewhere					
		🕈 🖽 MAS5 (D	Studies					
		Mear	Tree options					
				This function is	only for the data of a few array type			
	Ur	nsatisfied Array	Туре					
		i Only AFFY	_RAE230A, AFFY_RG230_2 and GEHC_R	AT_WHOLEGENOME300031	array can have this function now .			
				OK				

### Mixed Platform Exporting

When datasets from multiple platforms are exported together, a gene identifier type must be chosen to serve as a "match field" (e.g. "REFSEQ"). Filtering based on a gene identifier may also be done.

For single-platform datasets the single-platform export should be used, as it supports more output options.

#### **Mixed Platform Exporting**

