





Data Export



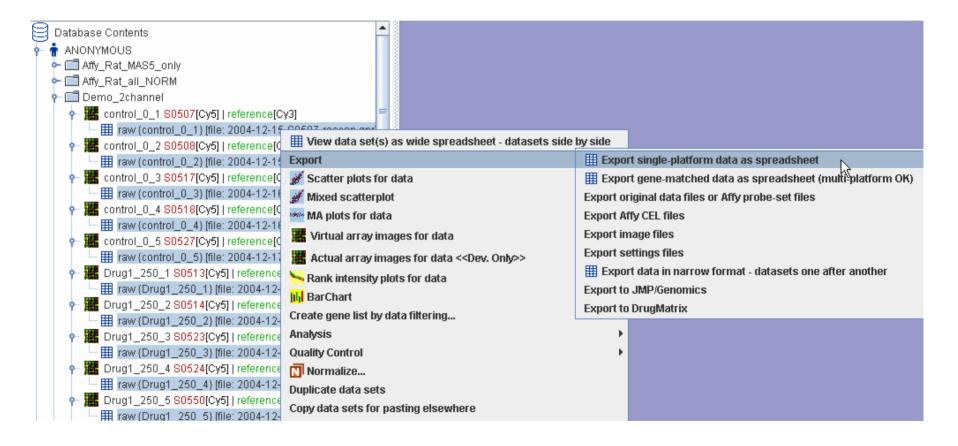
Right-click the experiment, ->select datasets -> select raw datasets...if you want To export raw data.

Note: user can also select normalized data to export.

Data Export

| | | | 9 -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] |
| | | | | • | <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] |
| | | | | 9 - | <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

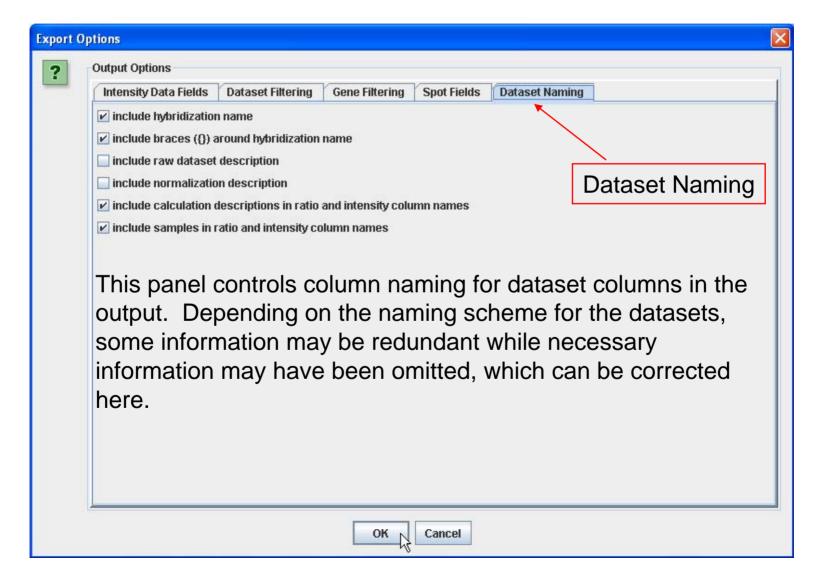
| Intensity | Data Fields | Dataset Filteri | ng G | ene Filtering | Spot Fields Dataset Na | ning | | | |
|-----------|--------------------------|-----------------|---------|---------------|----------------------------|---------|-----------|---------|---|
| % | 中 _以 Choose | un-Choose | 100 | All Groups | | | | | |
| 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:) | - a a a | |
| 📑 7efca8e73351bc76aad58af2417 | 7ed3 🚍 inetpub | |
| 📑 ArrayTrack | 📑 ISIS tox database | |
| 🗂 DataAnalysisConcept | ☐ JMP | |
| 📑 exe | 📑 MAQC_main | |
| 📑 Feng | 🚍 msdownld.tmp | |
| 🗂 GeneChip | 🗂 ora9ids | |
| | | • |
| File <u>N</u> ame: | | |
| Files of <u>T</u> ype: All Files | | - |
| | | Cancel |

Save to your folder

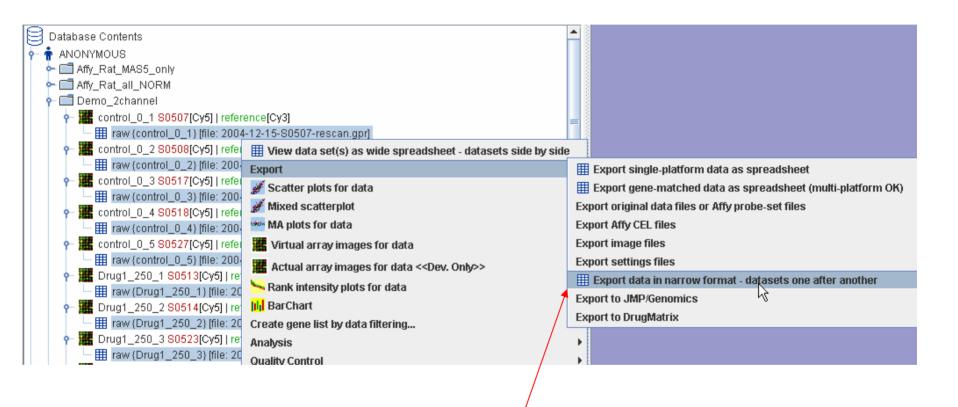
Data Export – Export original files

| 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

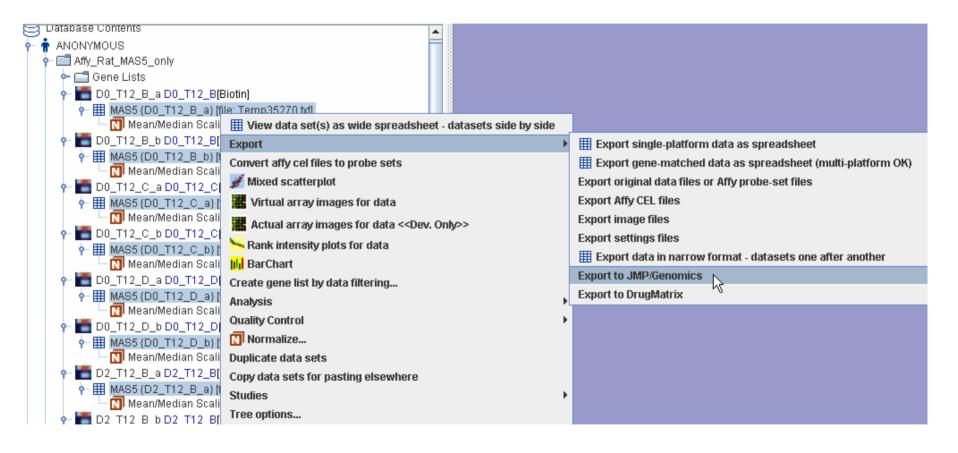
| 🇞 Choose Directory for Exports 🛛 🔀 | | | | | | | | |
|------------------------------------|-----------------|-------------------------------|--------------|---------------------------------------|--|--|--|--|
| Save in: 😂 | Local Disk (C:) | | | - A A BE | | | | |
| 4 | | Documents and Settings | - - 1 | Output File Naming | | | | |
| 📑 Arraytraci | k_Manual | 🚍 download | | 🗹 Include original file names | | | | |
| 📑 Arraytraci | kManual | DRIVERS | j 🗐 | Include hybridization names | | | | |
| 📑 AudioStor | age | 📑 DualChip Evaluation Softwar | e 🚍 J | Include internal dataset identifiers | | | | |
| 📑 cambridgesoft | | EPSONREG | - 🗖 N | | | | | |
| CFusionM | x | 📑 FaxPress.spl | Ē | Include file role (Cel/Data/Settings) | | | | |
| 📑 DELL | | 🗂 forte4j | F | | | | | |
| • | | | • | | | | | |
| 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 | | | |
| | | Mear | Kotual array images for data < <de< th=""><th>v. Only>></th><th colspan="4"></th></de<> | v. Only>> | | | | |
| | 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

