

# “Software 1.0” App for DNA Analysis

Wireframe Sketches  
(selection)

# Login

Software 1.0 ☐ ☐ ☒

**Welcome to  
Software 1.0**

**Genetic Analysis  
Made Easy**

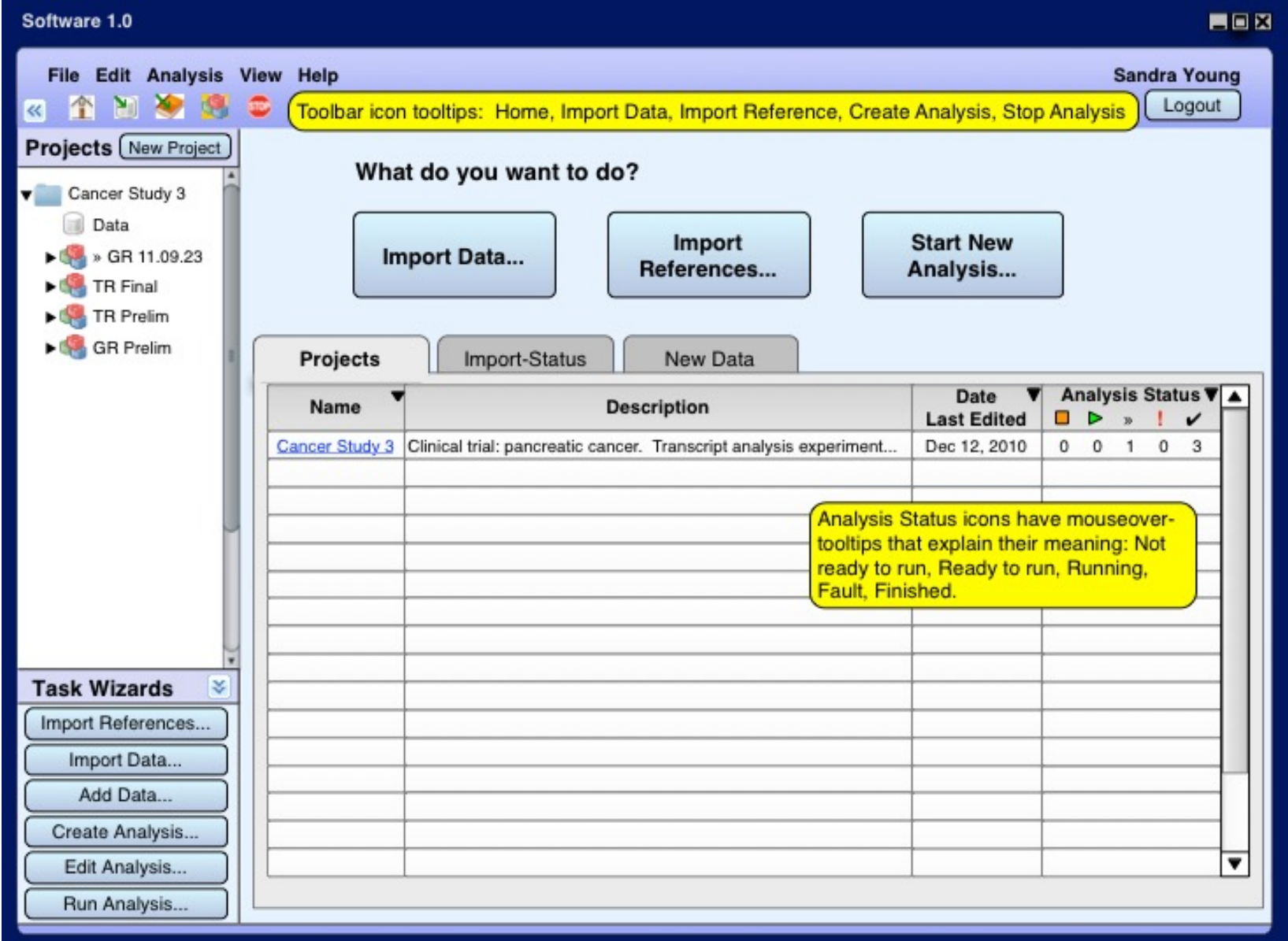
**Login**

Username:

Password:

[Forgot Password...](#)   [Login Help...](#)   [Login](#)

# Home Projects



# Home Import 1

Software 1.0 Sandra Young  
Logout

**File Edit Analysis View Help**

**Projects** New Project

- ▼ Cancer Study 3
  - Data
  - ▶ GR 11.09.23
  - ▶ TR Final
  - ▶ TR Prelim
  - ▶ GR Prelim

**What do you want to do?**

Import Data...
Import References...
Start New Analysis...

Projects   Import-Status   New Data

Name ▼	Instrument ▼	Date Created ▼	Type ▼	File Xfer Status	Conversion Status
file1.xsq	Lab 1-123	10.23.10	xsq	02:14:37	Conversion X: 00:32:10
file2.xsq	Lab 1-123	10.25.10	xsq	01:37:19	none

**Task Wizards**

- Import References...
- Import Data...
- Add Data...
- Create Analysis...
- Edit Analysis...
- Run Analysis...

# Home Import 2

Software 1.0

File Edit Analysis View Help

Sandra Young Logout

Projects New Project

- ▼ Cancer Study 3
  - Data
    - ▶ » GR 11.09.23
    - ▶ TR Final
    - ▶ TR Prelim
    - ▶ GR Prelim

What do you want to do?

Import Data... Import References... Start New Analysis...

Projects Import-Status New Data

Name	Instrument	Date Created	Type	File Xfer Status	Conversion Status
file1.xsq	Lab 1-123	10.23.10	xsq	02:14:37	Conversion X: 00:32:10
file2.xsq	Lab 1-123	10.25.10	xsq	01:37:19 !!!	none

Task Wizards

- Import References...
- Import Data...
- Add Data...
- Create Analysis...
- Edit Analysis...
- Run Analysis...

# Home Import 3

Software 1.0

File Edit Analysis View Help

Sandra Young Logout

Projects New Project

- Cancer Study 3
  - Data
    - GR 11.09.23
    - TR Final
    - TR Prelim
    - GR Prelim

What do you want to do?

Import Data... Import References... Start New Analysis...

Projects Import-Status New Data

Name	Instrument	Date Created	Type	File Xfer Status	Conversion Status
file1.xsq	Lab 1-123	10.23.10	xsq	02:14:37	Conversion X: 00:32:10
file2.xsq	Lab 1-123	10.25.10	xsq	01:37:19 !!!	none

Task Wizards

- Import References...
- Import Data...
- Add Data...
- Create Analysis...
- Edit Analysis...
- Run Analysis...

Software 1.0 **Error Importing Data!**

Details: <detailed description of error>

Retry importing <filename>?

Cancel Retry



# Home New Data

Software 1.0 Sandra Young  
Logout

File Edit Analysis View Help

**Projects**

- ▼ Cancer Study 3
  - Data
  - ▶ GR 11.09.23
  - ▶ TR Final
  - ▶ TR Prelim
  - ▶ GR Prelim

**What do you want to do?**

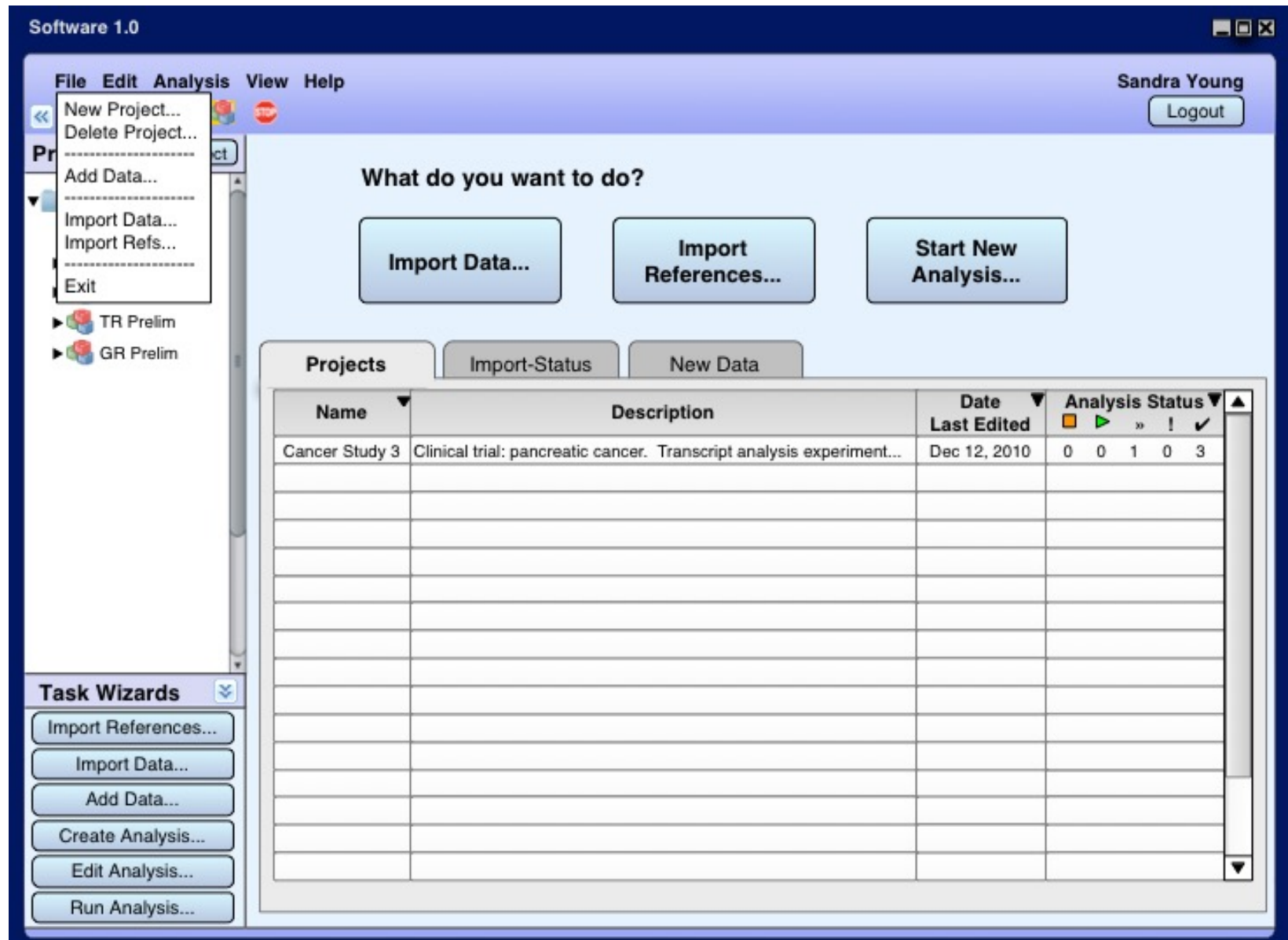
<input type="checkbox"/>	XSQ ID	Bar-code	Lane #	Instrument	Run Date	Run Time	Species	Lib. Type	Read Length
<input checked="" type="checkbox"/>	A-23-22468	1	1	Lab 1-123	10.23.10	15:24	rat	frag	D
<input checked="" type="checkbox"/>	A-23-22468	2	1	Lab 1-123	10.23.10	15:24	rat	frag	R
<input checked="" type="checkbox"/>	A-23-22468	3	2	Lab 1-123	10.23.10	15:24	rat	frag	D
<input type="checkbox"/>	A-23-22468	4	2	Lab 1-123	10.23.10	15:24	rat	frag	D
<input checked="" type="checkbox"/>	B-25-22400	14	3	Lab 1-123	10.23.10	15:24	mouse	frag	D
<input type="checkbox"/>	B-25-22400	15	3	Lab 1-123	10.24.10	12:00	mouse	frag	D
<input checked="" type="checkbox"/>	B-25-22400	16	4	Lab 1-123	10.24.10	12:00	mouse	frag	D
<input type="checkbox"/>	B-25-22400	20	4	Lab 1-123	10.24.10	12:00	mouse	frag	D
<input type="checkbox"/>	B-25-22400	21	5	Lab 1-123	10.24.10	12:00	mouse	frag	R
<input type="checkbox"/>	B-25-22400	22	5	Lab 1-123	10.28.10	09:35	mouse	frag	D
<input type="checkbox"/>	C-09-22525	35	6	Lab 2-134	10.24.10	09:35	human	frag	D
<input type="checkbox"/>	C-09-22525	36	6	Lab 2-134	10.24.10	09:35	human	frag	R
<input checked="" type="checkbox"/>	C-09-22525	37	7	Lab 2-134	10.24.10	09:35	human	frag	D
<input type="checkbox"/>	C-09-22525	38	7	Lab 2-134	10.24.10	09:35	human	frag	D
<input type="checkbox"/>	C-09-22525	39	8	Lab 2-134	10.24.10	09:35	human	frag	D
<input type="checkbox"/>	C-09-22525	39	9	Lab 2-134	10.24.10	09:35	human	frag	D

**Task Wizards**

- 
- 
- 
- 
- 
- 

**Select and:**

# Menubar – File Menu





# Menubar – Edit Menu

The screenshot displays a software application window titled "Software 1.0" with a menu bar containing "File", "Edit", "Analysis", "View", and "Help". The user's name "Sandra Young" and a "Logout" button are visible in the top right corner. A context menu is open over the "Project" button in the left sidebar, showing options: "Copy", "Paste", and "Delete".

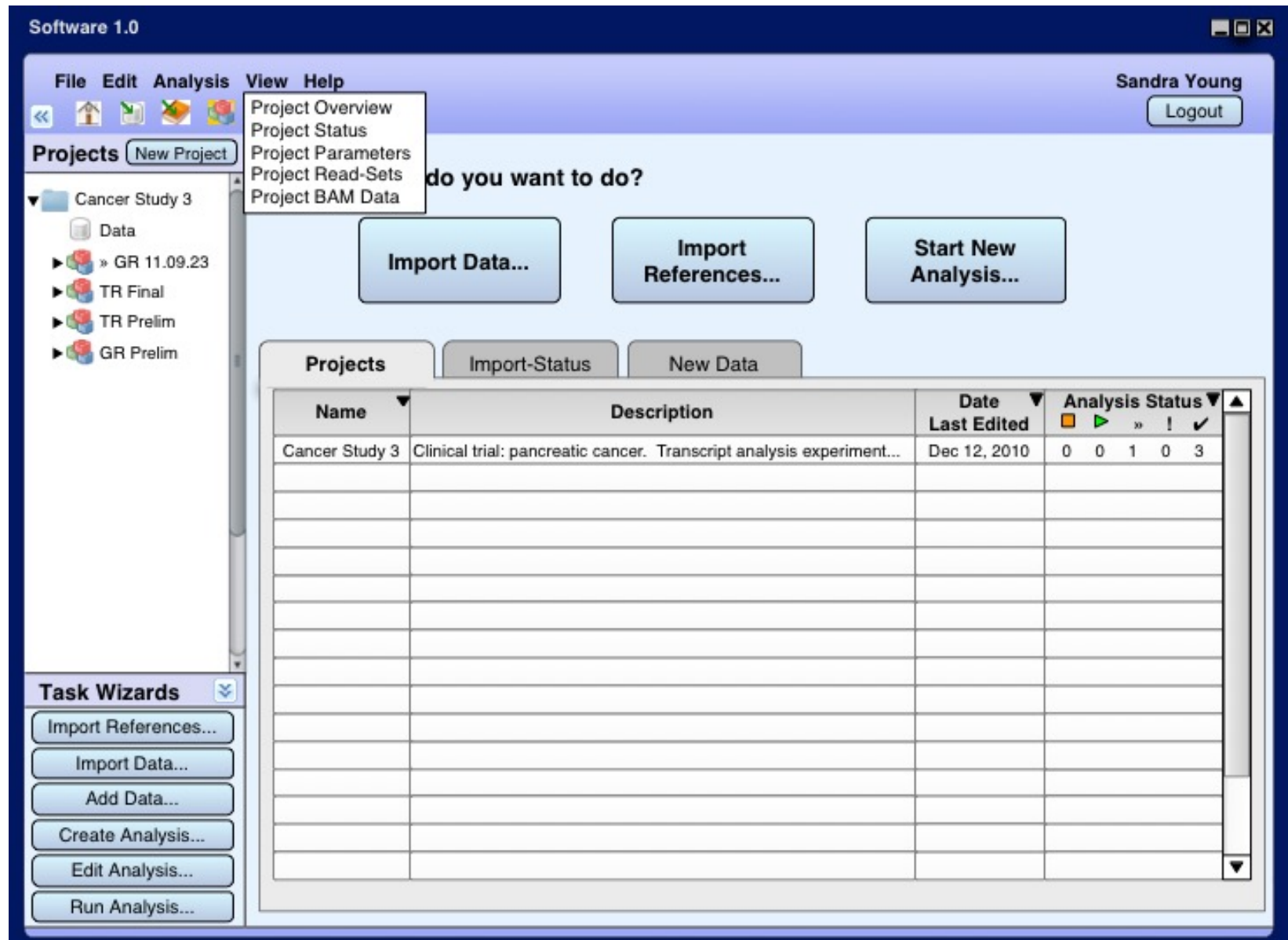
The main area is titled "What do you want to do?" and contains three buttons: "Import Data...", "Import References...", and "Start New Analysis...". Below this are three tabs: "Projects", "Import-Status", and "New Data". The "Projects" tab is active, showing a table with the following data:

Name	Description	Date Last Edited	Analysis Status
Cancer Study 3	Clinical trial: pancreatic cancer. Transcript analysis experiment...	Dec 12, 2010	0 0 1 0 3

At the bottom left, there is a "Task Wizards" section with the following buttons: "Import References...", "Import Data...", "Add Data...", "Create Analysis...", "Edit Analysis...", and "Run Analysis...".



# Menubar – View Menu



# Menubar – Help Menu

Software 1.0 Sandra Young [Logout](#)

**File Edit Analysis View Help**

Users' Guide  
Tutorial  
About

**Projects** [New Project](#)

- ▼ Cancer Study 3
  - Data
  - ▶ GR 11.09.23
  - ▶ TR Final
  - ▶ TR Prelim
  - ▶ GR Prelim

**what do you want to do?**

[Import Data...](#) [Import References...](#) [Start New Analysis...](#)

Projects | Import-Status | New Data

Name ▼	Description	Date Last Edited ▼	Analysis Status ▼
Cancer Study 3	Clinical trial: pancreatic cancer. Transcript analysis experiment...	Dec 12, 2010	0 0 1 0 3

**Task Wizards**

- [Import References...](#)
- [Import Data...](#)
- [Add Data...](#)
- [Create Analysis...](#)
- [Edit Analysis...](#)
- [Run Analysis...](#)

# Project Overview

The screenshot displays a software window titled "Software 1.0" with a menu bar (File, Edit, Analysis, View, Help) and a user profile for "Sandra Young" with a "Logout" button. A left sidebar shows a "Projects" list with "Cancer Study 3" selected, containing sub-items like "Data", "GR 11.09.23", "TR Final", "TR Prelim", and "GR Prelim". Below the sidebar is a "Task Wizards" section with buttons for "Import References...", "Import Data...", "Add Data...", "Create Analysis...", "Edit Analysis...", and "Run Analysis...". The main area is titled "Cancer Study 3" and has two tabs: "Overview" (active) and "Status". The "Overview" tab contains form fields for "Name" (Cancer Study 3), "Description" (Clinical trial: pancreatic cancer. Transcript analysis experiment. Time-course samples covering treatment period.), and "Alert" (Sandra Young, Xi Chen). It also shows "Last edited: Dec 12, 2010 by: Sandra Young". At the bottom, there are two buttons: "Revert to Last Saved Settings" (grayed out) and "Apply Changes" (active). A yellow callout box points to these buttons, stating: "Bottom buttons are inactive (grayed out) until user edits a setting on this tab."

# Project Status

Software 1.0 Sandra Young  
Logout

File Edit Analysis View Help

Projects New Project

- ▼ Cancer Study 3
  - Data
  - ▶ GR 11.09.23
  - ▶ TR Final
  - ▶ TR Prelim
  - ▶ GR Prelim

**Cancer Study 3**

Overview **Status**

Analysis Runs

Name	XSQ ID	Analysis	Run Date	Secondary Analysis	Secondary Progress	Tertiary Analysis	Tertiary Progress
rat kidney	A-23-2246 bc1	GR11.09.23	11.09.25	SAET, Mapping	<a href="#">View Results</a>	SNP, Lrg Indels	<div style="width: 20%;"></div>
human kidn...	A-23-2246 bc3	GR11.09.23	11.09.26	SAET, Mapping	<a href="#">View Results</a>	SNP, Lrg Indels	<div style="width: 10%;"></div>
rat lung	A-23-2468, bc2	TR Final	11.09.25	SAET, Mapping	<a href="#">View Results</a>	Sml Indels, SNP	<a href="#">View Results</a>
rat lung	A-24-3500, bc3	TR Prelim	11.09.24	SAET, Mapping	<a href="#">View Results</a>	Sml Indels, SNP	<a href="#">View Results</a>
rat lung	A-26-2987, bc9	GR Prelim	11.09.23	SAET, Mapping	<a href="#">View Results</a>	SNP, Lrg Indels	<a href="#">View Results</a>

Task Wizards

- Import References...
- Import Data...
- Add Data...
- Create Analysis...
- Edit Analysis...
- Run Analysis...



# Data ReadSets

Software 1.0 Sandra Young  
Logout

File Edit Analysis View Help

**Projects** New Project

▼ Cancer Study 3  
    Data  
    » GR 11.09.23  
    TR Final  
    TR Prelim  
    GR Prelim

**Task Wizards** ▼  
Import References...  
Import Data...  
Add Data...  
Create Analysis...  
Edit Analysis...  
Run Analysis...

Cancer Study 3 • Data

Read-Sets BAM Data

<input type="checkbox"/>	Grp ID	Name	XSQ ID	Bar-code	Lane #	Instru-ment	Run Date	Run Time	Species	Lib. Type	Read Length
<input type="checkbox"/>	1	G Mouse lung	--	--	--	Lab 1	--	--	mouse	frag	50
<input type="checkbox"/>	--	Rat lung	A-23-22468	1	1	Lab 1	10.23.10	15:24	rat	frag	50
<input type="checkbox"/>	--	Rat kidney	A-23-22468	3	2	Lab 1	10.23.10	15:24	rat	frag	50
<input type="checkbox"/>	--	B-25-22400-14	B-25-22400	14	3	Lab 1	10.23.10	15:24	mouse	frag	50
<input type="checkbox"/>	--	B-25-22400-16	B-25-22400	16	4	Lab 1	10.24.10	12:00	mouse	frag	50
<input type="checkbox"/>	--	Human hair	C-09-22525	37	7	Lab 2	10.24.10	09:35	human	frag	50
<input type="checkbox"/>											
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It would be useful to show any analyses, if any, in which each read-set is used, but that would require replacing some of the columns in this table. Which ones?

Create Analysis of Data...

# Data BAM

Software 1.0 Sandra Young  
Logout

File Edit Analysis View Help

Projects New Project

- ▼ Cancer Study 3
  - Data
  - ▶ GR 11.09.23
  - ▶ TR Final
  - ▶ TR Prelim
  - ▶ GR Prelim

**Task Wizards** ▼

- Import References...
- Import Data...
- Add Data...
- Create Analysis...
- Edit Analysis...
- Run Analysis...

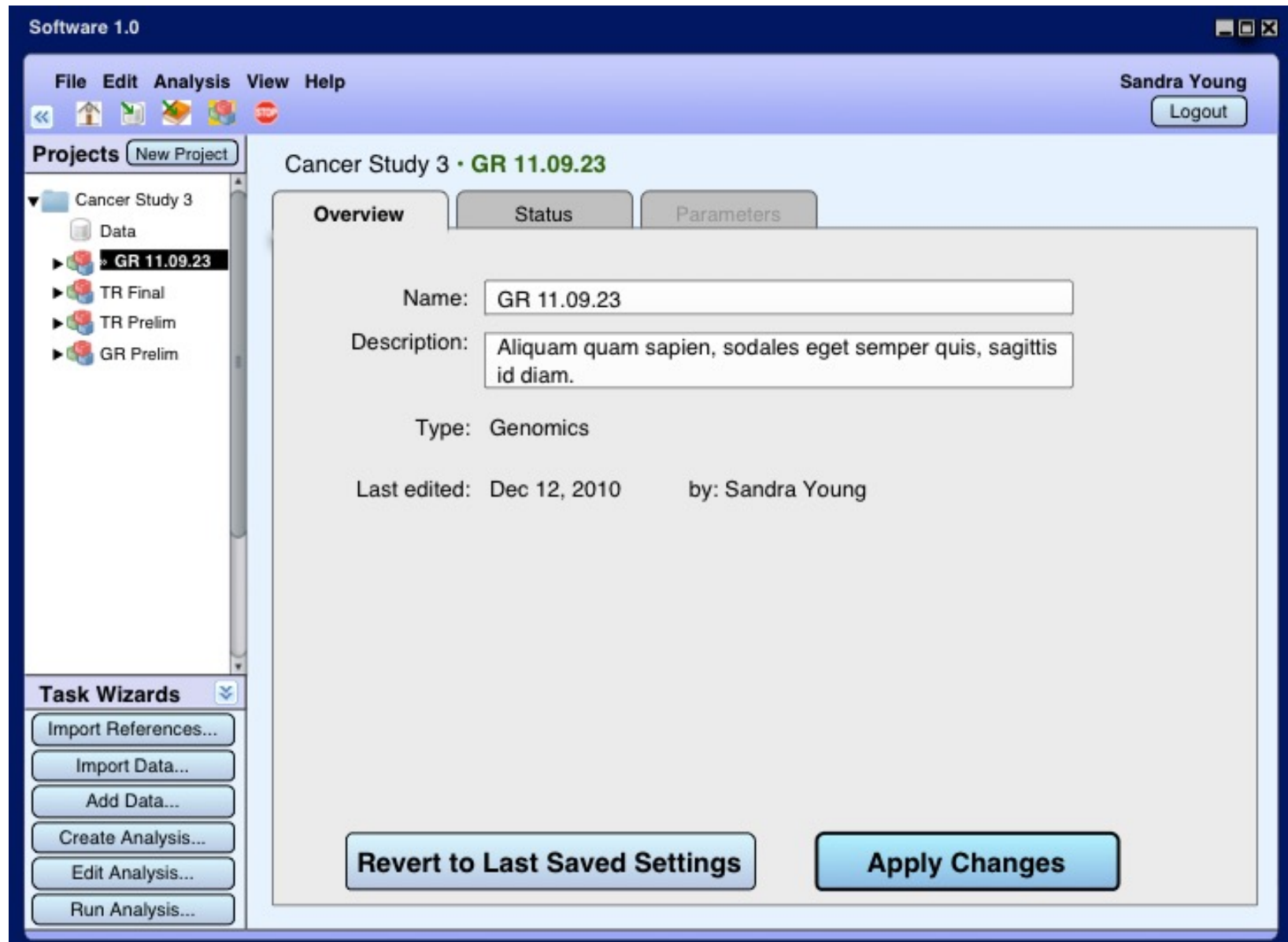
Cancer Study 3 • Data

Read-Sets **BAM Data**

<input type="checkbox"/>	BAM Filename	Barcode	Sample	Date				Lib. Type
<input type="checkbox"/>	RatLungCancer.bam	4	rat lung tumor	10.23.10				frag
<input type="checkbox"/>								
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Create Analysis of Data...

# Analysis - Closed



# Analysis - Expanded

The screenshot shows a software window titled "Software 1.0" with a menu bar (File, Edit, Analysis, View, Help) and a user name "Sandra Young" with a "Logout" button. The main area is titled "Cancer Study 3 • GR 11.09.23" and has three tabs: "Overview" (selected), "Status", and "Parameters".

**Projects** (Left sidebar):

- Cancer Study 3
  - Data
  - GR 11.09.23**
    - Results
    - ✓ SAET
    - ✓ Mapping
    - » SNP Find...
    - » Lrg Indels
  - TR Final
  - TR Prelim
  - GR Prelim

**Task Wizards** (Bottom left sidebar):

- Import References...
- Import Data...
- Add Data...
- Create Analysis...
- Edit Analysis...
- Run Analysis...

**Analysis Details (Overview tab):**

Name:

Description:

Type: Genomics

Last edited: Dec 12, 2010 by: Sandra Young

Buttons at the bottom: **Revert to Last Saved Settings** and **Apply Changes**









# Find Data – Basic

Software 1.0 **Add Data** ✕

Cancer Study 3 • Add Data • **Find Data**

Read-Repository Filter

**Basic** Advanced

.XSQ IDs:  Barcodes:

Run Date From:  To:  Library Type: fragment ▼ Re-filter

<input type="checkbox"/>	XSQ ID	Bar-code	Lane #	Instrument	Run Date	Run Time	Species	Lib. Type	Read Length
<input checked="" type="checkbox"/>	A-23-22468	1	1	Lab 1-123	10.23.10	15:24	rat	frag	D
<input checked="" type="checkbox"/>	A-23-22468	2	1	Lab 1-123	10.23.10	15:24	rat	frag	R
<input checked="" type="checkbox"/>	A-23-22468	3	2	Lab 1-123	10.23.10	15:24	rat	frag	D
<input type="checkbox"/>	A-23-22468	4	2	Lab 1-123	10.23.10	15:24	rat	frag	D
<input checked="" type="checkbox"/>	B-25-22400	14	3	Lab 1-123	10.23.10	15:24	mouse	frag	D
<input type="checkbox"/>	B-25-22400	15	3	Lab 1-123	10.24.10	12:00	mouse	frag	D
<input checked="" type="checkbox"/>	B-25-22400	16	4	Lab 1-123	10.24.10	12:00	mouse	frag	D
<input type="checkbox"/>	B-25-22400	20	4	Lab 1-123	10.24.10	12:00	mouse	frag	D
<input type="checkbox"/>	B-25-22400	21	5	Lab 1-123	10.24.10	12:00	mouse	frag	R
<input type="checkbox"/>	B-25-22400	22	5	Lab 1-123	10.28.10	09:35	mouse	frag	D
<input type="checkbox"/>	C-09-22525	35	6	Lab 2-134	10.24.10	09:35	human	frag	D
<input type="checkbox"/>	C-09-22525	36	6	Lab 2-134	10.24.10	09:35	human	frag	R
<input checked="" type="checkbox"/>	C-09-22525	37	7	Lab 2-134	10.24.10	09:35	human	frag	D
<input type="checkbox"/>	C-09-22525	38	7	Lab 2-134	10.24.10	09:35	human	frag	D
<input type="checkbox"/>	C-09-22525	39	8	Lab 2-134	10.24.10	09:35	human	frag	D
<input type="checkbox"/>	C-09-22525	39	9	Lab 2-134	10.24.10	09:35	human	frag	D
<input type="checkbox"/>	C-09-22525	39	10	Lab 2-134	10.24.10	09:35	human	frag	D
<input type="checkbox"/>	C-09-22525	39	11	Lab 2-134	10.24.10	09:35	human	frag	D

Select for Project

Create Analysis  
Edit Analysis  
Run Analysis

<< Back
Cancel
Next >>

# Find Data – Advanced

Software 1.0 **Add Data** ✕

Cancer Study 3 • Add Data • **Find Data**

Read-Repository Filter

Basic **Advanced**

**AND filter:** [Barcode < 40] & [Lib. Type = frag] & [Run Date > 10.20.10] Edit AND Filter...

**OR filter:** [Instr. Name = Lab1] % [Instr. Name = Lab2] Edit OR Filter...

<input type="checkbox"/>	XSQ ID	Bar-code	Lane #	Instrument	Run Date	Run Time	Species	Lib. Type	Read Length
<input checked="" type="checkbox"/>	A-23-22468	1	1	Lab 1-123	10.23.10	15:24	rat	frag	50
<input checked="" type="checkbox"/>	A-23-22468	2	1	Lab 1-123	10.23.10	15:24	rat	frag	50
<input checked="" type="checkbox"/>	A-23-22468	3	2	Lab 1-123	10.23.10	15:24	rat	frag	50
<input type="checkbox"/>	A-23-22468	4	2	Lab 1-123	10.23.10	15:24	rat	frag	50
<input checked="" type="checkbox"/>	B-25-22400	14	3	Lab 1-123	10.23.10	15:24	mouse	frag	50
<input type="checkbox"/>	B-25-22400	15	3	Lab 1-123	10.24.10	12:00	mouse	frag	50
<input checked="" type="checkbox"/>	B-25-22400	16	4	Lab 1-123	10.24.10	12:00	mouse	frag	50
<input type="checkbox"/>	B-25-22400	20	4	Lab 1-123	10.24.10	12:00	mouse	frag	50
<input type="checkbox"/>	B-25-22400	21	5	Lab 1-123	10.24.10	12:00	mouse	frag	50
<input type="checkbox"/>	B-25-22400	22	5	Lab 1-123	10.28.10	09:35	mouse	frag	50
<input type="checkbox"/>	C-09-22525	35	6	Lab 2-134	10.24.10	09:35	human	frag	50
<input type="checkbox"/>	C-09-22525	36	6	Lab 2-134	10.24.10	09:35	human	frag	50
<input checked="" type="checkbox"/>	C-09-22525	37	7	Lab 2-134	10.24.10	09:35	human	frag	50
<input type="checkbox"/>	C-09-22525	38	7	Lab 2-134	10.24.10	09:35	human	frag	50
<input type="checkbox"/>	C-09-22525	39	8	Lab 2-134	10.24.10	09:35	human	frag	50
<input type="checkbox"/>	C-09-22525	39	9	Lab 2-134	10.24.10	09:35	human	frag	50
<input type="checkbox"/>	C-09-22525	39	10	Lab 2-134	10.24.10	09:35	human	frag	50
<input type="checkbox"/>	C-09-22525	39	11	Lab 2-134	10.24.10	09:35	human	frag	50

Select for Project

Create Analysis  
Edit Analysis  
Run Analysis

<< Back
Cancel
Next >>



# Find Data – Advanced – Edit

Software 1.0 **Add Data**

Cancer Study 3 • Add Data • **Find Data**

Read-Repository Filter

Basic **Advanced**

**AND filter:** [Barcode < 40] & [Lib. Type = frag] & [Run Date > 10.20.10] Edit AND Filter...

**OR filter:** [Instr. Name = Lab1] % [Instr. Name = Lab2] Edit OR Filter...

<input type="checkbox"/>	XSQ ID	Bar-code	Lane #	Instrument	Run Date	Run Time	Species	Lib. Type	Read Length
<input checked="" type="checkbox"/>	A-23-22468	1	1	Lab 1-123	10.23.10	15:24	rat	frag	50
<input checked="" type="checkbox"/>	A-23-22468	2	1	Lab 1-123	10.23.10	15:24	rat	frag	50
<input checked="" type="checkbox"/>	A-23-22468	3	2	Lab 1-123	10.23.10	15:24	rat	frag	50
<input type="checkbox"/>	A-23-22468	4	2	Lab 1-123	10.23.10	15:24	rat	frag	50
<input checked="" type="checkbox"/>	B-25-22400	14							
<input type="checkbox"/>	B-25-22400	15							
<input checked="" type="checkbox"/>	B-25-22400	16							
<input type="checkbox"/>	B-25-22400	20							
<input type="checkbox"/>	B-25-22400	21							
<input type="checkbox"/>	B-25-22400	22							
<input type="checkbox"/>	C-09-22525	35							
<input type="checkbox"/>	C-09-22525	36							
<input checked="" type="checkbox"/>	C-09-22525	37							
<input type="checkbox"/>	C-09-22525	38							
<input type="checkbox"/>	C-09-22525	39							
<input type="checkbox"/>	C-09-22525	39							
<input type="checkbox"/>	C-09-22525	39							
<input type="checkbox"/>	C-09-22525	39							

Select for Project

Software 1.0 **Edit AND Filter**

Specify Table Rows to Display

Column	Relation	Value
Lib. Type	=	frag
Run Date	≥	10.20.10
Barcode	<	40

&

Relation options: =, >, <, ≥, ≤, ≠, contains

# Group Project Data 1

Software 1.0 **Add Data** ✕

**Task Wizards** <<

- Import References
- Import Data
- Add Data**
- Choose Data Type
- Find Data
- **Group Data**

Cancer Study 3 • Add Data • **Group Data**

Read-Sets In Project

<input type="checkbox"/>	Name	XSQ ID	Bar-code	Lane #	Instru-ment	Run Date	Run Time	Species	Lib. Type	Read Length
<input type="checkbox"/>	Rat lung	A-23-22468	1	1	Lab 1-123	10.23.10	15:24	rat	frag	50
<input type="checkbox"/>	Rat kidney	A-23-22468	3	2	Lab 1-123	10.23.10	15:24	rat	frag	50
<input type="checkbox"/>	B-25-22400-14	B-25-22400	14	3	Lab 1-123	10.23.10	15:24	mouse	frag	50
<input type="checkbox"/>	B-25-22400-16	B-25-22400	16	4	Lab 1-123	10.24.10	12:00	mouse	frag	50
<input type="checkbox"/>	Human hair	C-09-22525	37	7	Lab 2-134	10.24.10	09:35	human	frag	50
<input type="checkbox"/>										
<input type="checkbox"/>										
<input type="checkbox"/>										
<input type="checkbox"/>										
<input type="checkbox"/>										
<input type="checkbox"/>										
<input type="checkbox"/>										
<input type="checkbox"/>										

Only Name is editable. Name defaults to <xsq-ID><barcode>. Field values common w/in a group are shown; fields values that differ w/in a group are displayed as "--".

No Groups In Project Group Read-Sets Add Read-Sets to Group

Group table (and its buttons below) are invisible when table has no groups. When user adds a group, or if project already has a group when user comes to this page, the table is visible.

"Group Read-Sets" button is inactive (grayed out) until one or more groups are selected above. "Add Read-Set to Group" button is grayed out until a group is selected in Group table.

Create Analysis

Edit Analysis

Run Analysis

Save and Save and Proceed to

<< Back
Cancel
Close
Create Analysis >>

# Group Project Data 2

Software 1.0 **Add Data** ✕

**Task Wizards** ⏪

Import References  
 Import Data  
**Add Data**  
 Choose Data Type  
 Find Data  
 • **Group Data**

**Cancer Study 3 • Add Data • Group Data**

Read-Sets In Project

<input type="checkbox"/>	Name	XSQ ID	Bar-code	Lane #	Instru-ment	Run Date	Run Time	Species	Lib. Type	Read Length
<input type="checkbox"/>	Rat lung	A-23-22468	1	1	Lab 1-123	10.23.10	15:24	rat	frag	50
<input type="checkbox"/>	Rat kidney	A-23-22468	3	2	Lab 1-123	10.23.10	15:24	rat	frag	50
<input checked="" type="checkbox"/>	B-25-22400-14	B-25-22400	14	3	Lab 1-123	10.23.10	15:24	mouse	frag	50
<input checked="" type="checkbox"/>	B-25-22400-16	B-25-22400	16	4	Lab 1-123	10.24.10	12:00	mouse	frag	50
<input type="checkbox"/>	Human hair	C-09-22525	37	7	Lab 2-134	10.24.10	09:35	human	frag	50
<input type="checkbox"/>										
<input type="checkbox"/>										
<input type="checkbox"/>										
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<input type="checkbox"/>										
<input type="checkbox"/>										
<input type="checkbox"/>										

No Groups In Project

**"Group Read-Sets" button is inactive (grayed out) until one or more groups are selected above. "Add Read-Set to Group" button is grayed out until a group is selected in Group table.**

Create Analysis  
 Edit Analysis  
 Run Analysis

Save and  Save and Proceed to



# Group Project Data 3

Software 1.0 **Add Data** ✕

**Task Wizards** ⏪

- Import References
- Import Data
- Add Data**
- Choose Data Type
- Find Data
- **Group Data**

**Cancer Study 3 • Add Data • Group Data**

Read-Sets In Project

<input type="checkbox"/>	Name	XSQ ID	Bar-code	Lane #	Instru-ment	Run Date	Run Time	Species	Lib. Type	Read Length
<input type="checkbox"/>	Rat lung	A-23-22468	1	1	Lab 1-123	10.23.10	15:24	rat	frag	50
<input type="checkbox"/>	Rat kidney	A-23-22468	3	2	Lab 1-123	10.23.10	15:24	rat	frag	50
<input checked="" type="checkbox"/>	B-25-22400-14	B-25-22400	14	3	Lab 1-123	10.23.10	15:24	mouse	frag	50
<input checked="" type="checkbox"/>	B-25-22400-16	B-25-22400	16	4	Lab 1-123	10.24.10	12:00	mouse	frag	50
<input type="checkbox"/>	Human hair	C-09-22525	37	7	Lab 2-134	10.24.10	09:35	human	frag	50
<input type="checkbox"/>										
<input type="checkbox"/>										
<input type="checkbox"/>										
<input type="checkbox"/>										
<input type="checkbox"/>										
<input type="checkbox"/>										
<input type="checkbox"/>										
<input type="checkbox"/>										

No Groups In Project Group Read-Sets Add Read-Sets to Group

Software 1.0 **Group Read-Sets** ✕

Read-Sets to be Grouped      Group Name:

<input type="checkbox"/>	Name	XSQ ID	Bar-code	Lane #	Instru-ment	Run Date	Run Time	Species	Lib. Type	Read Length
<input type="checkbox"/>	B-25-22400-14	B-25-22400	14	123	Lab 1	10.23.10	15:24	mouse	frag	50
<input type="checkbox"/>	B-25-22400-16	B-25-22400	16	123	Lab 1	10.24.10	12:00	mouse	frag	50

Cancel OK

Create Analysis
Edit Analysis
Run Analysis
<< Back
Cancel
Close
Save and
Save and Proceed to
Create Analysis >>

# Group Project Data 4

Software 1.0 **Add Data** ✕

**Task Wizards** <<   
 Import References   
 Import Data   
 Add Data   
 Choose Data Type   
 Find Data   
 • **Group Data**

**Cancer Study 3 • Add Data • Group Data**

Read-Sets In Project

<input type="checkbox"/>	Name	XSQ ID	Bar-code	Lane #	Instru-ment	Run Date	Run Time	Species	Lib. Type	Read Length
<input type="checkbox"/>	Rat lung	A-23-22468	1	1	Lab 1-123	10.23.10	15:24	rat	frag	50
<input type="checkbox"/>	Rat kidney	A-23-22468	3	2	Lab 1-123	10.23.10	15:24	rat	frag	50
<input checked="" type="checkbox"/>	B-25-22400-14	B-25-22400	14	3	Lab 1-123	10.23.10	15:24	mouse	frag	50
<input checked="" type="checkbox"/>	B-25-22400-16	B-25-22400	16	4	Lab 1-123	10.24.10	12:00	mouse	frag	50
<input type="checkbox"/>	Human hair	C-09-22525	37	7	Lab 2-134	10.24.10	09:35	human	frag	50
<input type="checkbox"/>										
<input type="checkbox"/>										
<input type="checkbox"/>										
<input type="checkbox"/>										
<input type="checkbox"/>										
<input type="checkbox"/>										
<input type="checkbox"/>										
<input type="checkbox"/>										

Only Name is editable. Name defaults to <xsq-ID><barcode>. Field values common w/in a group are shown; fields values that differ w/in a group are displayed as "--".

Groups In Project Group Read-Sets Add Read-Sets to Group

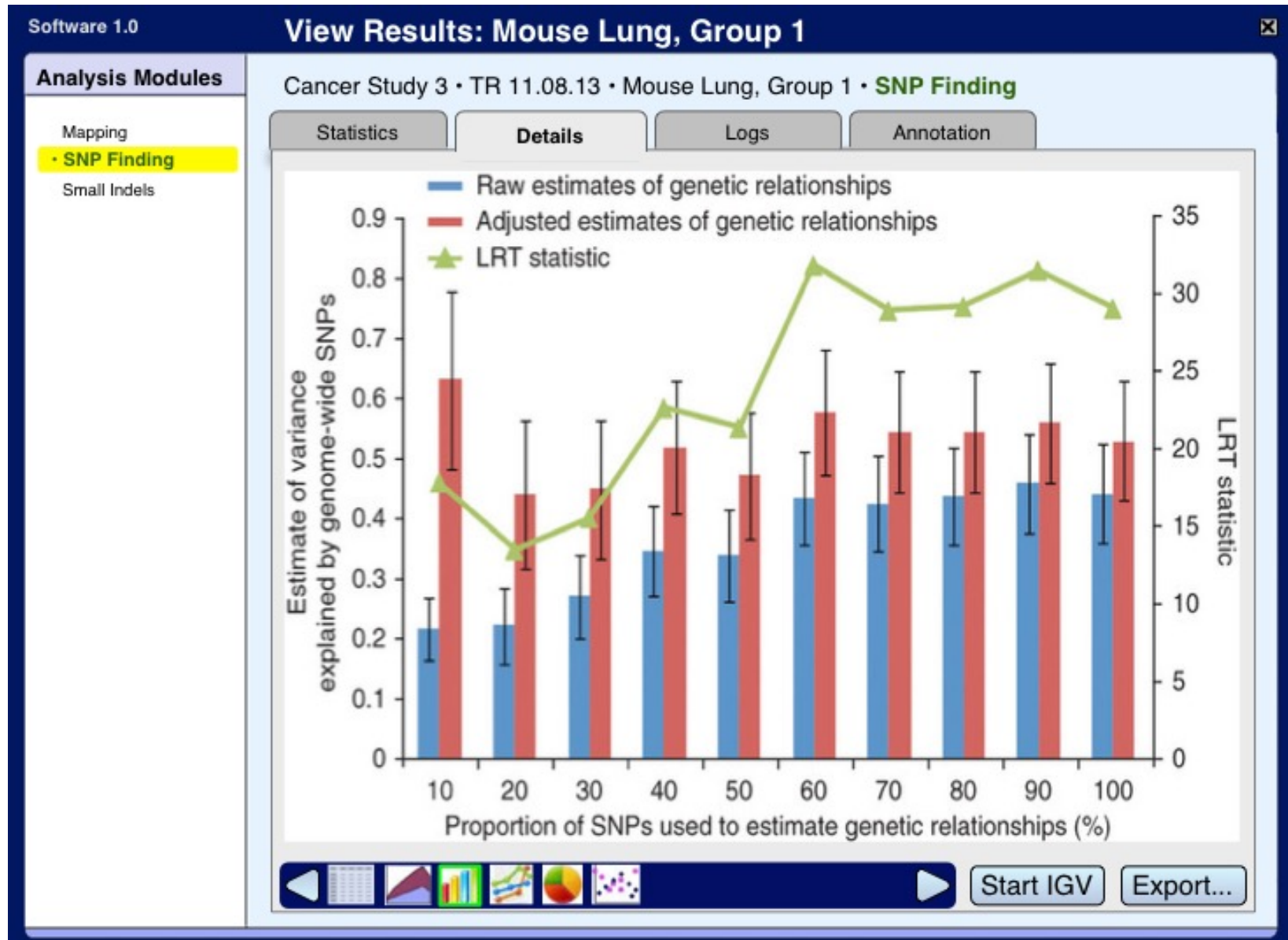
<input type="checkbox"/>	Grp ID	Name	XSQ ID	Bar-code	Lane #	Instru-ment	Run Date	Run Time	Species	Lib. Type	Read Length
<input type="checkbox"/>	1	G Mouse Lung	B-25-22400	--	--	Lab 1	--	--	mouse	frag	50
<input type="checkbox"/>											
<input type="checkbox"/>											
<input type="checkbox"/>											
<input type="checkbox"/>											
<input type="checkbox"/>											
<input type="checkbox"/>											
<input type="checkbox"/>											
<input type="checkbox"/>											

Only Name is editable. Field values common w/in a group are shown; fields values that differ w/in a group are displayed as "--".

Selected Group: Edit... X Delete

Create Analysis Edit Analysis Run Analysis   
<< Back Cancel Save and Close Save and Proceed to Create Analysis >>

# View Results – Bar Graph



# View Results – Pie Chart

