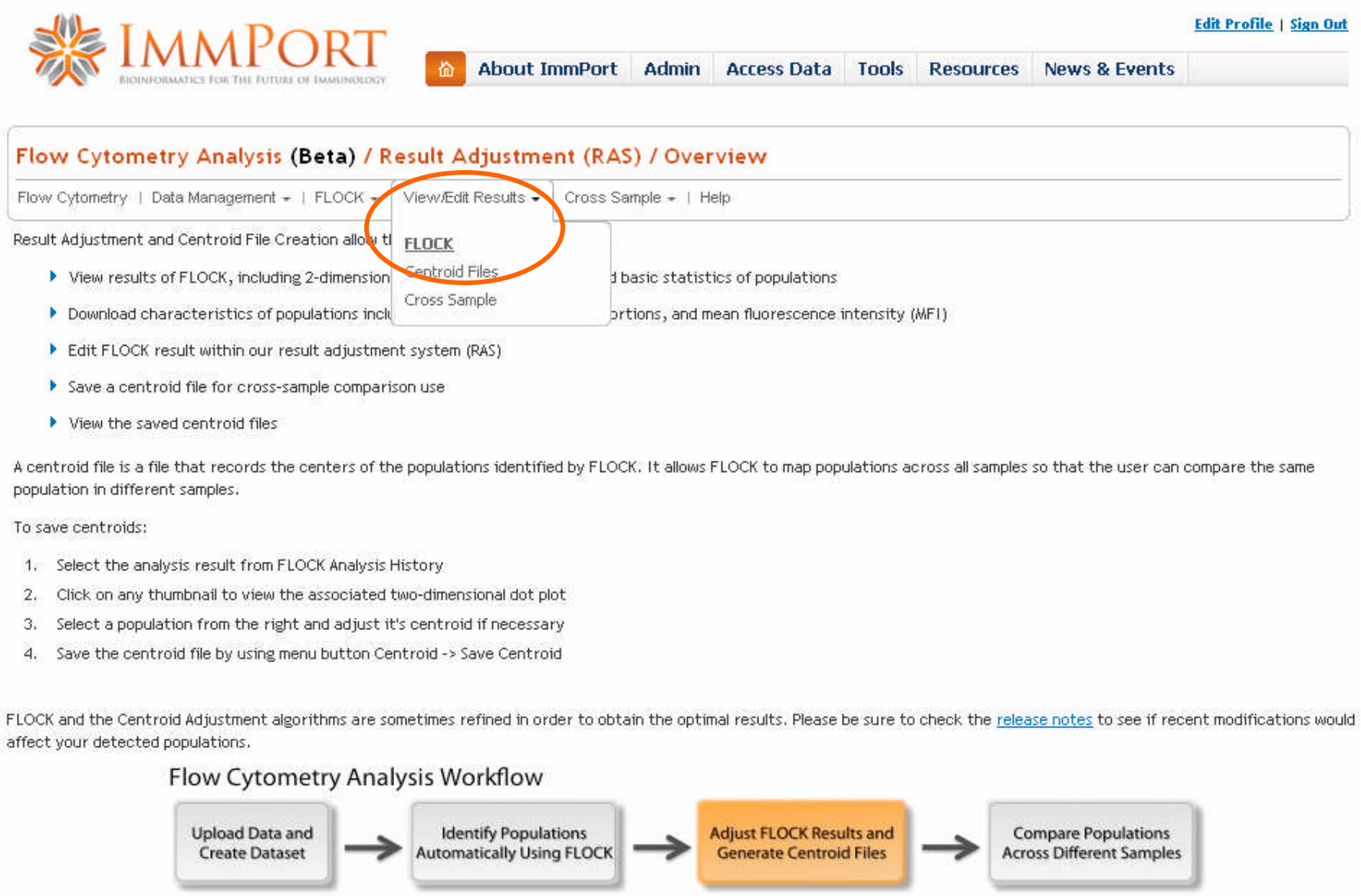
IMMPORT
BIOINFORMATICS FOR THE FUTURE OF IMMUNOLOGY

FLOCK / Result Adjustment System (RAS)

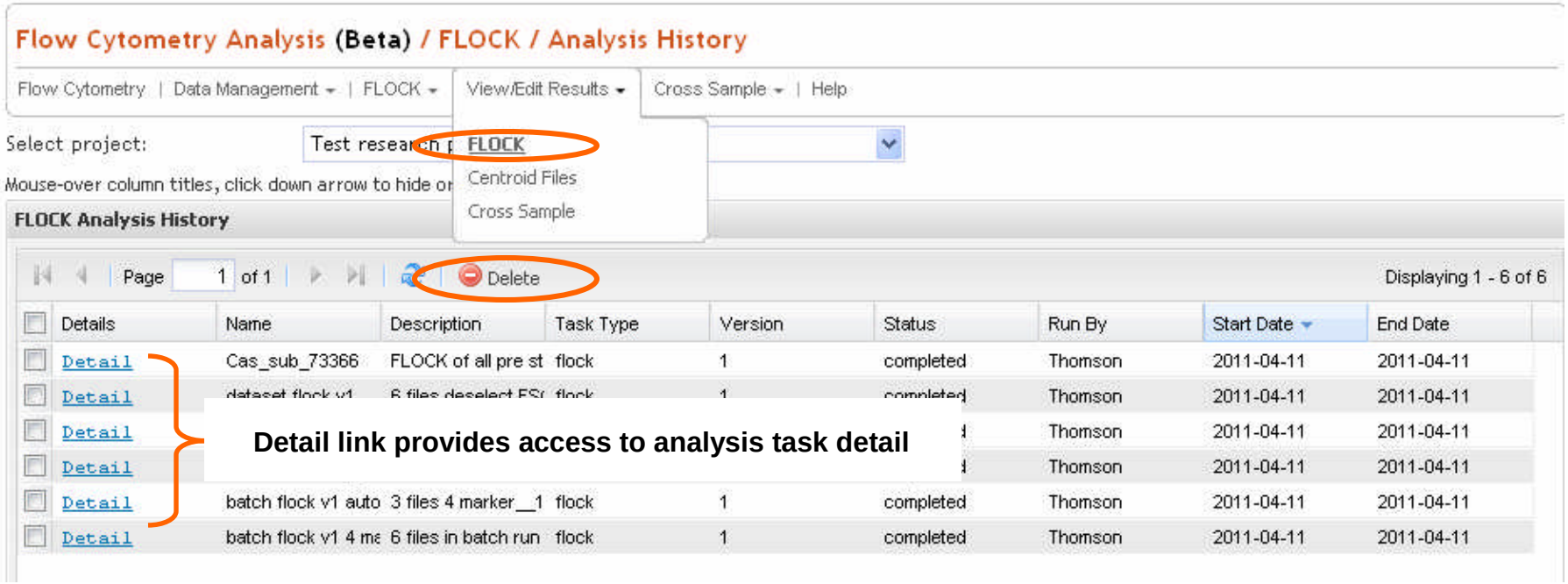
Result adjustment and Centroid File Creation allows the user to:

- View results of FLOCK, including 2-dimensional color-coded visualization and basic statistics of populations
- Download characteristics of populations including expression profiles, proportions, and mean fluorescence intensity (MFI)
- Edit FLOCK result within our result adjustment system (RAS)
- Save a centroid file for cross-sample comparison use
- View the saved centroid files

FLOCK / Result Adjustment System (RAS): Accessing



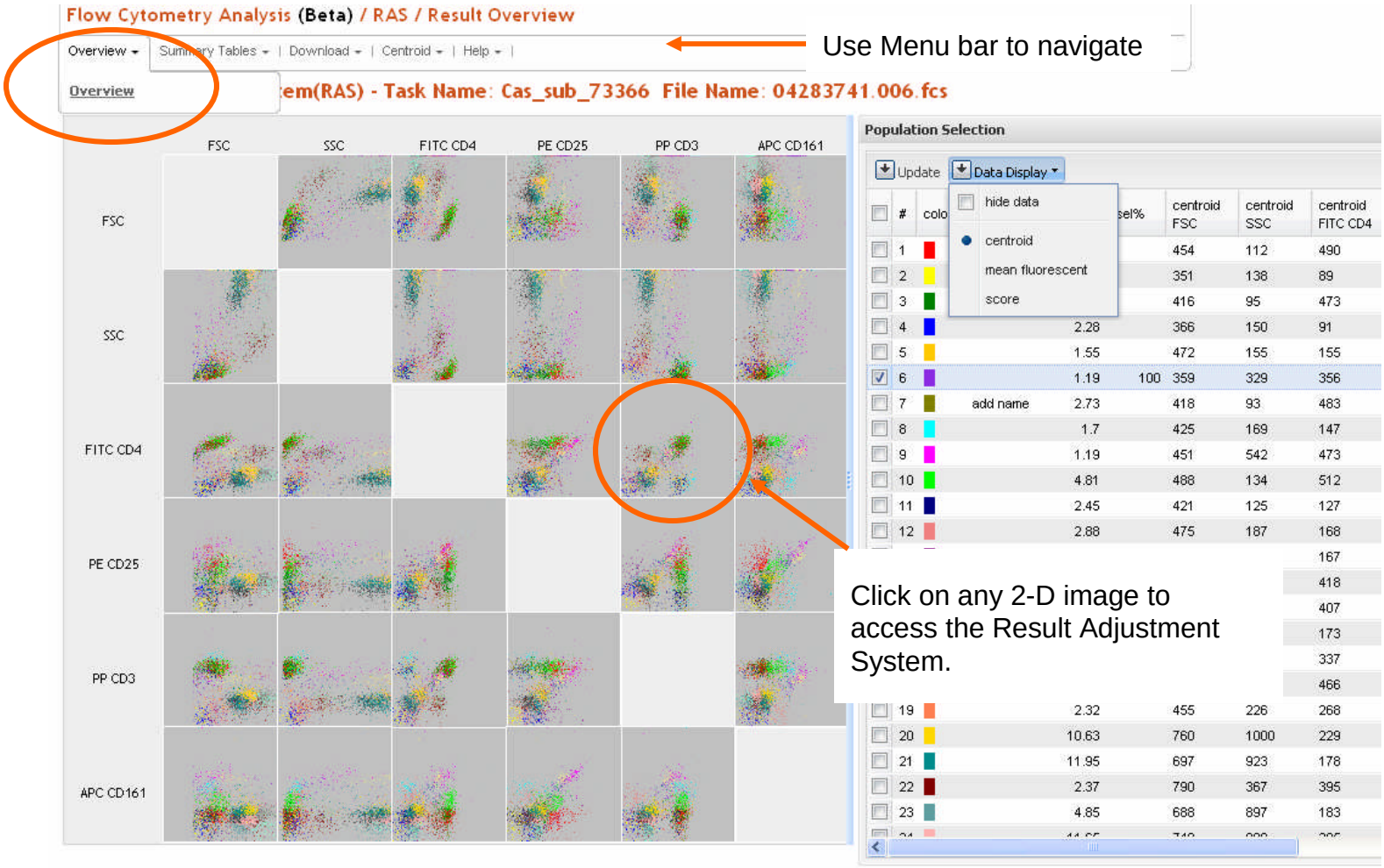
FLOCK / Result Adjustment System (RAS): Accessing



To access the Result Adjustment System (RAS):

- Go to View/Edit Results in the menu bar
- Click 'FLOCK'
- FLOCK Analysis History page will be displayed
- Click on any **'Detail'**

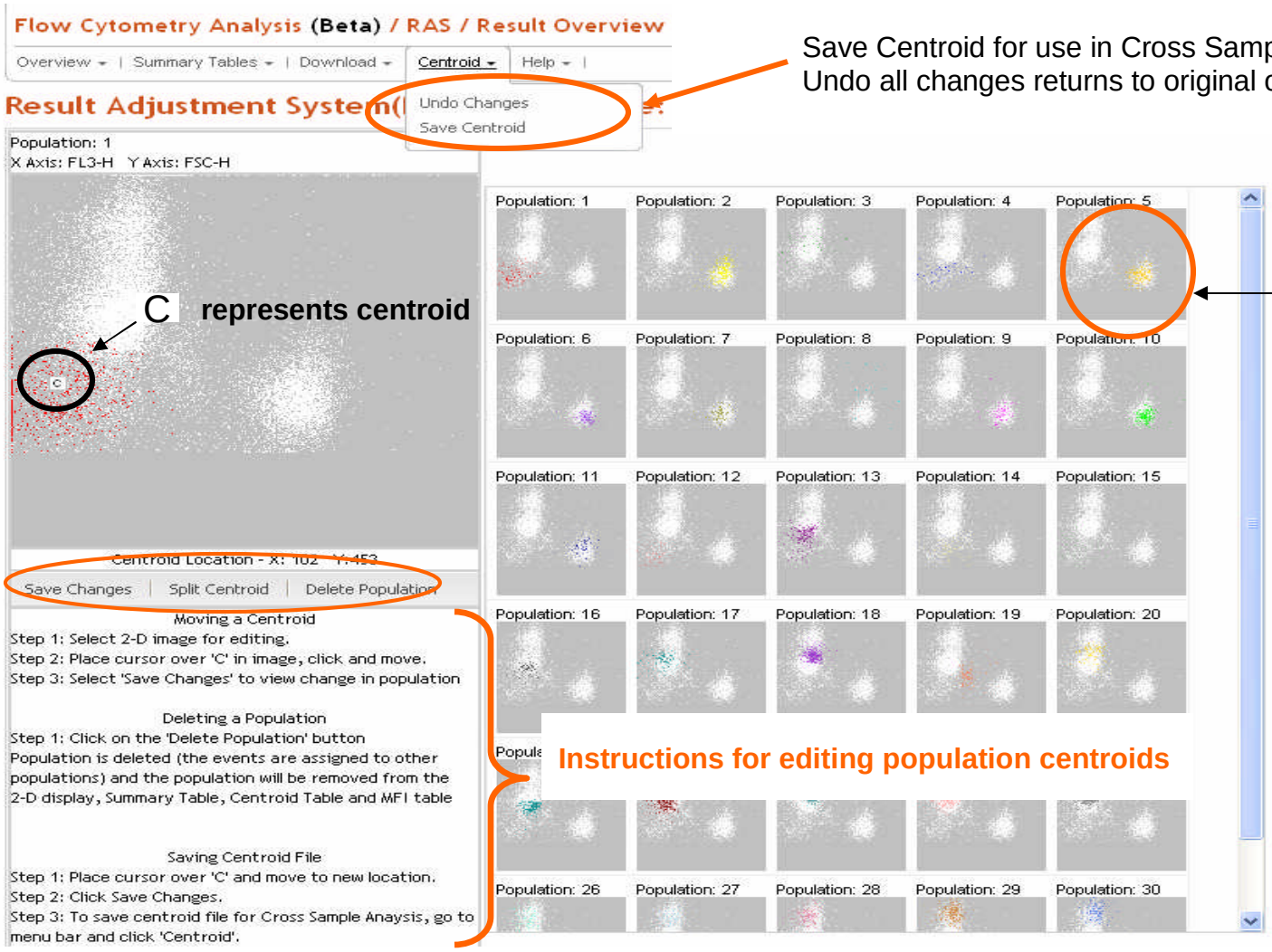
Result Adjustment System (RAS): Accessing



Use Menu bar to navigate

Click on any 2-D image to access the Result Adjustment System.

FLOCK / Result Adjustment System (RAS): Centroid editing



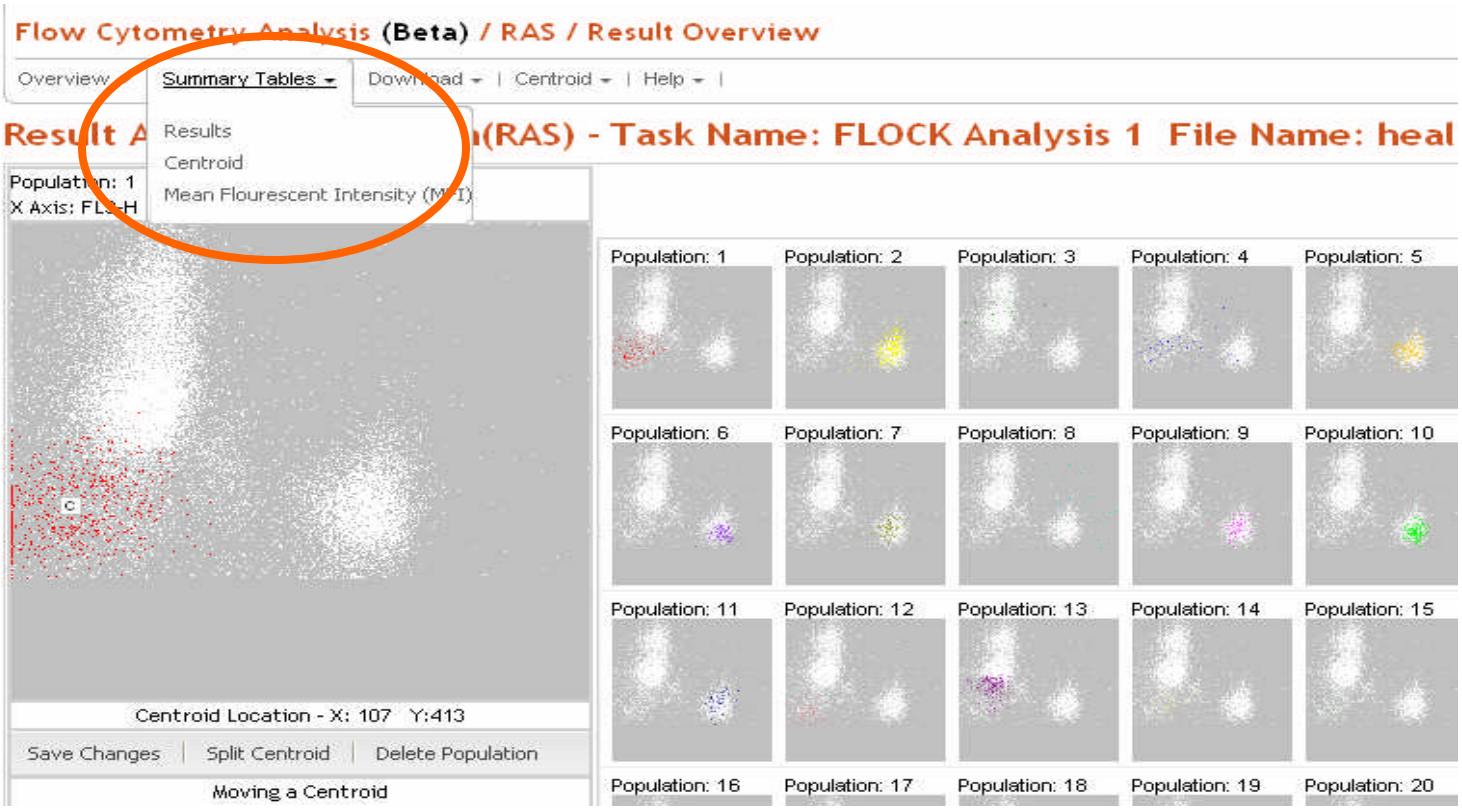
Save Centroid for use in Cross Sample Comparison
Undo all changes returns to original output

Click any 2-D image to edit

FLOCK / Result Adjustment System (RAS): Summary Tables

Menu Bar: Summary Tables

- **Results**
- **Centroid**
- **Mean Fluorescent Intensity (MFI)**



Summary Tables can be found on the next slide

FLOCK / Result Adjustment System (RAS): Summary Tables

1) Results table

Flow Cytometry Analysis (Beta) / RAS / Result Overview

Overview | Summary Tables | Download | Centroid | Help |

Result Adjustment System(RAS) - Task Name: FLOCK Analysis 1 File Name: healthy2064

Key: 1=negative, 2=low, 3=positive, 4=high

Population Id	Color	User Defined Cell Type	Description	FSC-H	SSC-H	FL1-H	FL2-H	FL3-H
1			FSC-H-SSC-H-FL1-	1	1	1	1	1
2			FSC-H-SSC-H-FL1-	1	1	3	2	3
3			FSC-H+SSC-H-FL1-	3	1	2	1	1
4			FSC-H-SSC-H-FL1-	1	1	1	2	1
5			FSC-H-SSC-H-FL1-	1	1	3	2	3
6			FSC-H-SSC-H-FL1-	1	1	3	1	3
7								
8								

Define populations here

2) Centroid table

Flow Cytometry Analysis (Beta) / RAS / Result Overview

Overview | Summary Tables | Download | Centroid | Help |

Result Adjustment System(RAS) - Task Name: FLOCK Analysis 1 File Name: healthy2064

Population Id	FSC-H	SSC-H	FL1-H	FL2-H	FL3-H	FL4-H
1	413.0					581.0
2	443.0					
3	674.0					
4	442.0					
5	416.0					
6	370.0					
7	395.0					
8	681.0					

3) Mean Fluorescent Intensity

Flow Cytometry Analysis (Beta) / RAS / Result Overview

Overview | Summary Tables | Download | Centroid | Help |

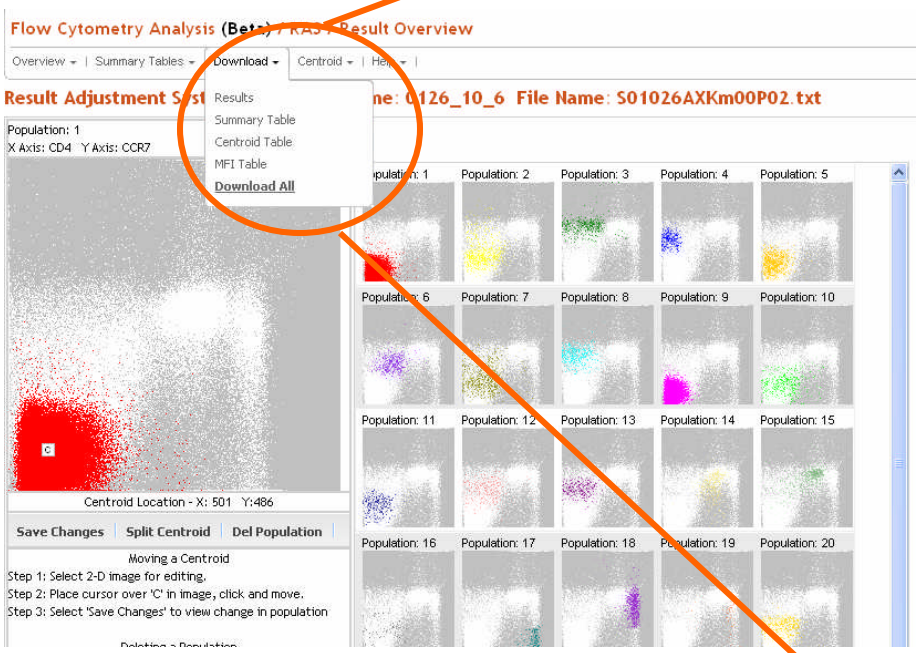
Result Adjustment System(RAS) - Task Name: FLOCK Analysis 1 File Name: healthy2064

Population Id	FSC-H	SSC-H	FL1-H	FL2-H	FL3-H	FL4-H
1	413.0	159.0	82.0	123.0	107.0	581.0
2	443.0	158.0	467.0	448.0	618.0	288.0
3	674.0	303.0	300.0	220.0	201.0	523.0
4	442.0	184.0	116.0	371.0	253.0	645.0
5	416.0	135.0	452.0	271.0	605.0	232.0
6	370.0	125.0	451.0	73.0	643.0	476.0
7	395.0	164.0	87.0	98.0	606.0	273.0
8	681.0	826.0	514.0	690.0	743.0	718.0
9	412.0	162.0	95.0	122.0	620.0	579.0

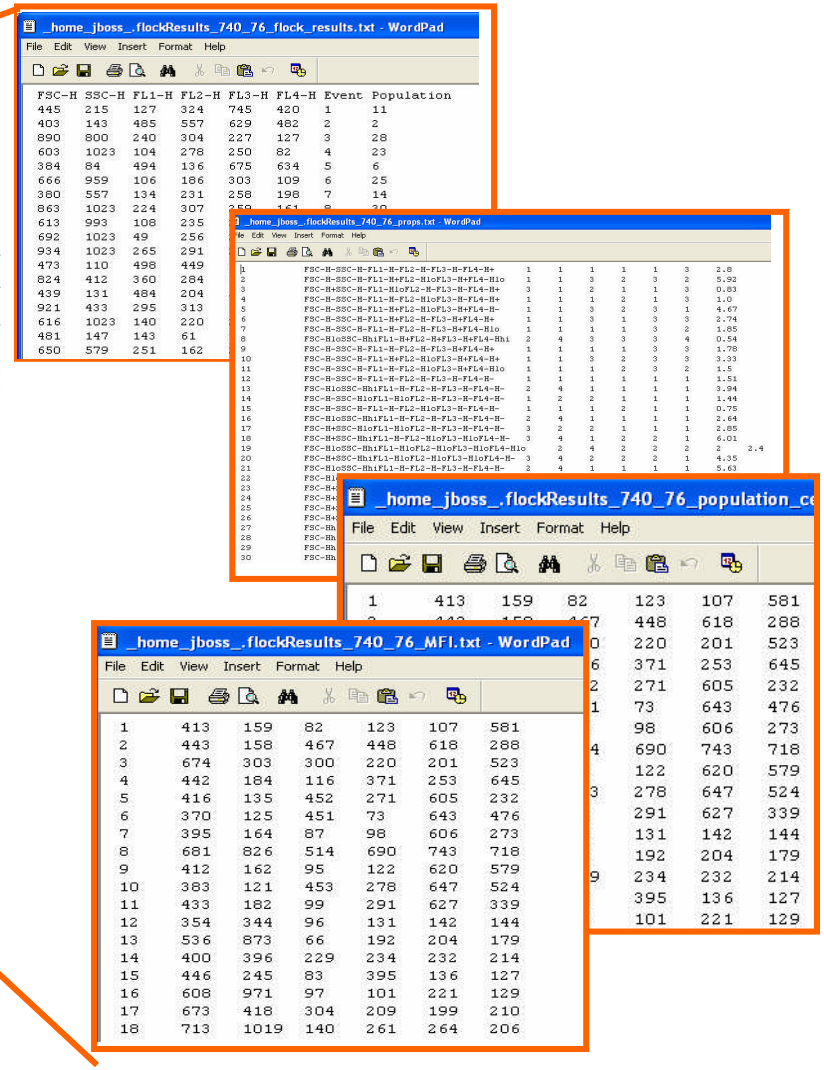
FLOCK / Result Adjustment System (RAS): Downloads

Available downloads:

- **Results**
- **Summary Table**
- **Centroid Table**
- **Mean Fluorescent Intensity Table**
- **Download All**



Select any or all for downloading.
From the pop-up, select downloading options
Click 'OK'



FLOCK / Result Adjustment System (RAS): Editing Centroids

Editing Centroids:

- **Undo Centroids—selection will eliminate all edits to the centroids for this file**
- **Save Centroid—selection will provide the opportunity to provide descriptive information for a centroid to be used in Cross Sample analyses**