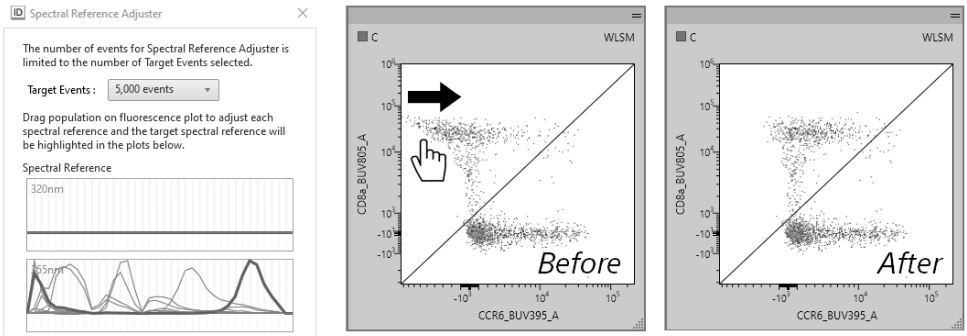
ID7000 FCS Export and FlowJo™ Preferences Guide

Prepare Data for Export

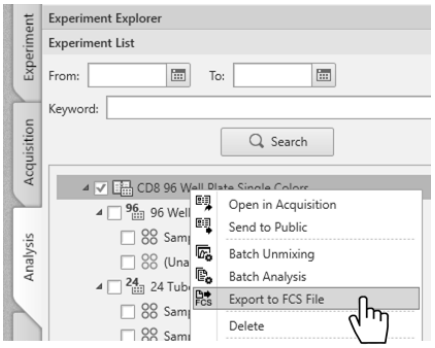
1. Complete the acquisition of your samples, negative and single-color controls.
2. Under the Unmixing Tab (top of the screen), calculate the reference spectra as needed, and apply the unmixing to your data.
3. Check your samples and if needed, adjust the amount of spectral unmixing with the aid of *Unmixing Viewer* and *Spectral Reference Adjuster* tools.



4. If needed, rename and save the Unmixing Matrix. If multiple matrices were saved, delete the unneeded ones before exporting the FCS files.

Export FCS Files

1. Go to the *Experiment* pane and right-click on the experiment, a sample group, or an individual sample.
2. Click on *Export to FCS File* to open the Export Tool.



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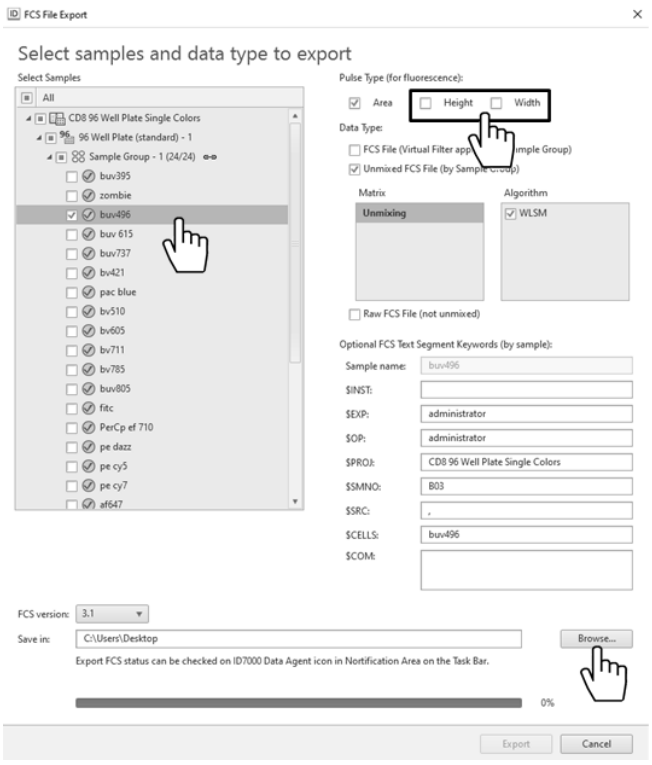
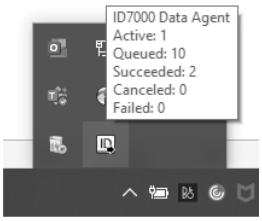
Export FCS Files (Continued)

3. Click a sample group or an individual file you wish to export, *Browse* to a location, click on the *Export* button.
4. Export status can be checked in the ID7000 Data Agent in the Notification Area of the Windows Task Bar. *FCSExport.log* summary file will be placed in the same location.

   Important: To reduce FCS file size, disable Pulse Height and Width parameters for the fluorescence channels.





Database Backup (Optional)

Back up and off-load experiment data regularly in order to re-generate FCS files if needed, and to conserve hard disk drive capacity.

1. Under the Acquisition Tab (top of the screen), click on *Close* to close the experiment prior to backup.
2. Click on *File* (top left corner of the screen) --> *Database* --> *Export* to open the *Export Experiment Data* tool.
3. Select one or more experiments from the Experiment List and click Move.
4. Browse to an output folder and click *Export* to export database (.exdat) files.
5. After confirming the export is complete, delete the unnecessary experiments in the Experiments pane of the *Analysis* tab (left side of the screen).

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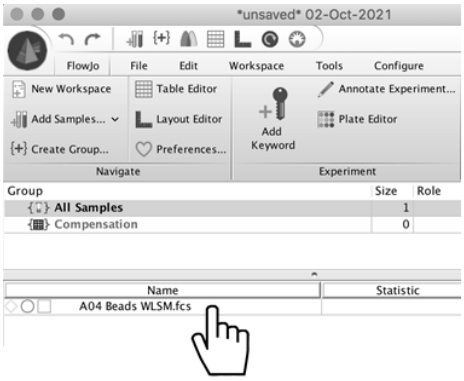
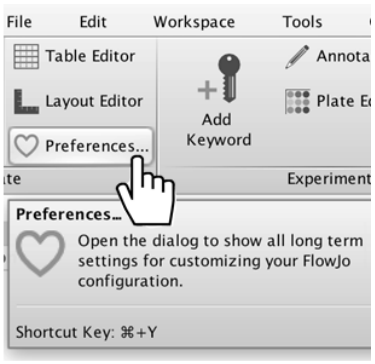
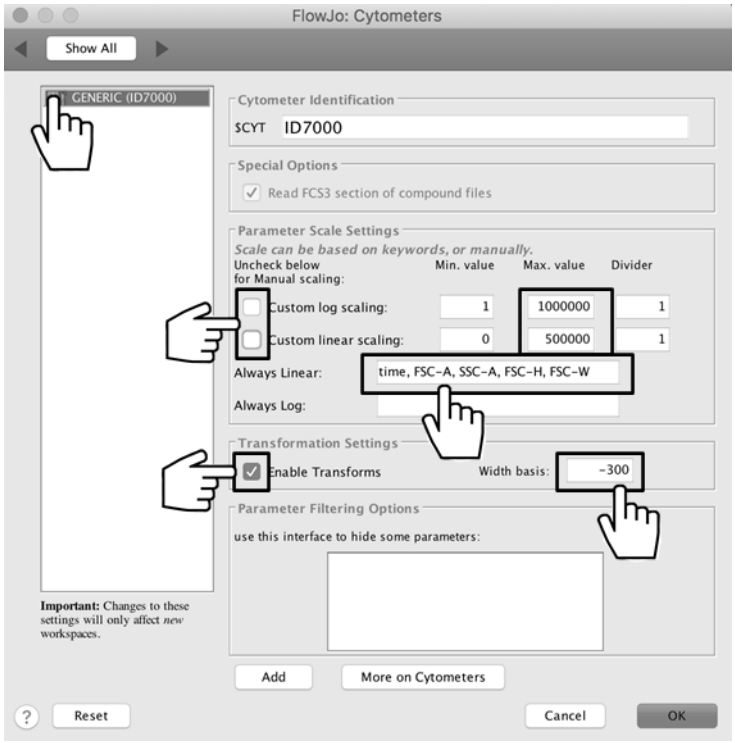
Set FlowJo™ Preferences

1. Create a New Workspace in FlowJo™ software.
2. Drag and drop an FCS file from the ID7000 into the workspace. This action will automatically add ID7000 into the FlowJo™ preferences.
3. Click on *Preferences* button.





4. In the preferences window, click on *Cytometers.*
5. Click on GENERIC (ID7000) and adjust various preferences as shown below.
6. Click *OK* and restart the software for the changes to take effect.



Note: These settings were tested with FlowJo™ Software version v10.8.0. For further help, see https://docs.flowjo.com/flowjo/setting-your-preferences/tools/prefs-cytometers/

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