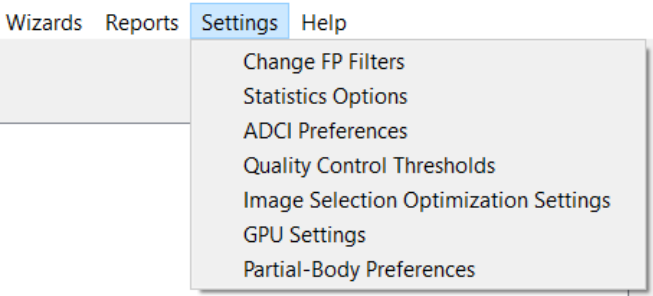


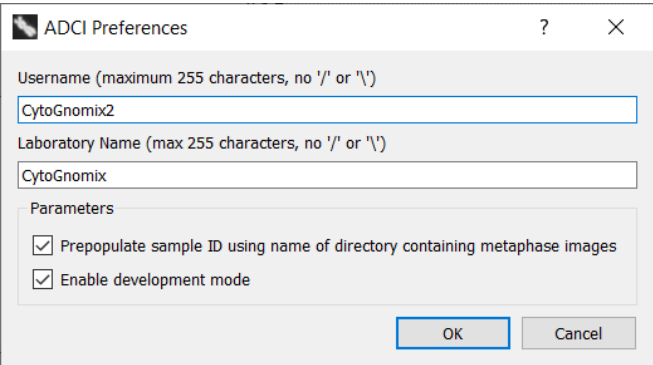
Settings and Preferences

Settings Menu

Access settings dialogs for many aspects of ADCI in the settings menu, located at the top of the [main GUI](#).



ADCI preferences



False positive filters

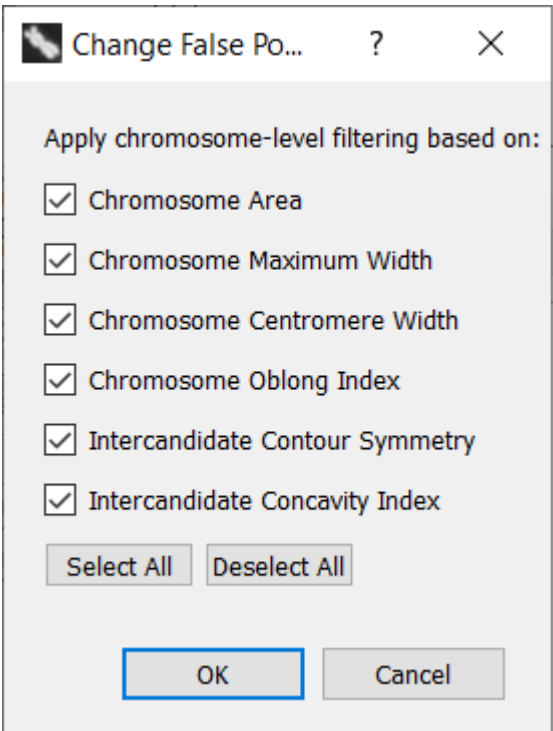


Image selection model optimization

Image Selection Model Optimization S... ? X

Settings for Image Selection Model Generation during Optimization Search

Filters Thresholds

Length-Width Ratio:

1;1.5;2

Centromere Density:

1;1.5;2

Finite Difference:

1;1.5;2

Total Object Count:

40;60;40;65

Segmented Object Count:

35;50

Classified-Segmented Ratio:

0.6;0.7

Combined Z-Score Weights

Weight 1 (LW):

0;1;2;3;4;5

Weight 2 (CD):

0;1;2;3;4;5

Weight 3 (FD):

0;1;2;3;4;5

Weight 4 (Total-count):

0;1;2;3;4;5

Weight 5 (Seg-count):

0;1;2;3;4;5

Weight 6 (Classified-ratio):

0;1;2;3;4;5

Selected Top Images

Number of Top Image Selected:

1000

OK

Cancel

Partial-body

Partial-body Parameters ? X

Partial-body dose estimation

Expected baseline DC frequency for an unirradiated sample

0.00078

Dose at which 37% of irradiated cells survive

3.5Gy

Fraction of total images to place in each randomly generated sample

0.50

Minimum image count in randomly generated samples (overrides fraction)

500


Number of randomly generated samples to create

500

OK

Cancel

Quality Control

Quality Control Thresholds?×

Samples

Minimum total images

Minimum selected images

100

50

Aberration

Minimum p-value of fit to Poisson distribution

0.005

Minimum DC detections and examined cells (images)


100 DCs

1000 Cells

OK

Cancel

Statistics

Statistics Options?×

These settings will take effect the next time a calculation is made or plot is displayed. Please note changing settings here will not change plots/ data currently displayed in the workspace.

Curve Fitting Settings

Calibration curve fitting method:

Maximum-Likelihood Method

Confidence Interval (CI) Settings

☒ Display calibration curve 95% CI, if applicable

☒ Dose estimation calculates 95% CI due to Poisson

☒ Dose estimation calculates 95% CI due to the curve, if applicable

OK

Cancel