

CellReporterXpress® Software Guide

Post-Acquisition Image Analysis



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Support Resources

- Help button within CellReporterXpress[®] Software
- Support and Knowledge Base: <u>http://mdc.custhelp.com</u>
- Email Technical Support: <u>support@moldev.com</u> (US) <u>techsupport.eu@moldev.com</u> (EU)
- Telephone Technical Support: 800-635-5577 (US) or +44 118 944 8000 (EU), select options for Technical Support → Cellular Imaging Products →ImageXpress Products







- This document provides a step-by-step review of CellReporterXpress to:
 - Add analyses after images have been acquired





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> Experiments > TL DAPI IXP DTN > Analyses			?	К Л К Л	$\stackrel{\circ}{\sim}$	[→
Experiment Name 💉 Geo TL DAPI IXP DTN 96	eometry 6 (12 × 8)	escription 💉 L dapi good DTN Jan18 IXP	Barcode 🖋 N/A			^
Operations		nnotation Groups Compounds 0 0	Barcode 💉 N/A			
Analyses 1) S	elect	Analysis tab to access current analyses or add a new analysis]		
+ Add Analysis		PLATE TIME VIEW IMAGES PLATE VIEW SUMMARIZE DATA Image: Image of the second sec				
Cell Count DAPI moldev Jan 19, 2018 06:56 f(x) Cell Count Launch	Selec	+ Add Analysis to add a new analysis to the experiment. INPUTS TIME POINTS LIST MEASUREMENTS DESCRIPTION Nuclei Target Nuclei DAPI Intensity 100				
TL Cell Count Small laurence.monnet@moldev.com Feb 2, 2018 05:36	nall	Min 5 Width 30 Width				
TL Cell Count General laurence.monnet@moldev.com Feb 2, 2018 05:45	••••					
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3) Select Check to confirm the selection; X to reject. $\stackrel{\circ}{\sim}$ [→ > Experiments > TL DAPI IXP DTN > Add Analysis **f**(x) Э V **F** O OFF **f**(x) 2) Draw a box around an object of interest. Min 25.88 µm Width, Max Width, and Intensity values are set based DIGITAL ZOOM ريبي ا on the pixels within the box. Draw box as precisely as possible around the object for best results. (free × Nuclei Nuclei (<^{A2}→) Target Intensity 100 DAPI Min Width 5

1) Select Manual mode to identify irregular objects by manually defining the location of the object.

Max Width

30

Reset

Auto



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	Experiments > TL D	DAPI IXP DTN > Add Analysis		<u> </u>	[→
Home	+ - D		MEASUREMENTS Summary Measurements Cell Me	xasurements	fx)
> f (%) > *			Select / Deselect All Rec	Dommended Export	
	37.26 μm digital zoom	Select desired summary and cell measurements . All measurements are selected by default.	Cell Total Intensity Cell Average Intensity Cell Total Integrated Intensity	261510 ON O 854.608 ON O 7.4721e+7 ON O	
			Cell Average Integrated Intensity Total Area	244186 ON O 40839.9 ON O	
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				ui: 0.1.6	598.12482























<u>ن</u>	Experiments > TL DAPI IXP DTN > Add /	Analysis			⑦ ፟\$3 ∧ [→
	2) Enter an Analy	sis name	(required) and descri	otion (optional).	
	Analysis name *				
~	Analysis description				3) Select Run Experiment.
f (x)					
	Validation Analysis Parameters	ò			
EO	Plate	12x8	96 BD PDL 354640 [1]_4		
1) S	elect Run Protocol	•			
	✓ <u>Time Points</u>	Selected: 1	Will be analyzed: 1		

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