

PhenoCycler Experiment Designer Software Release Notes

Software Version: 2.1.0

This file provides information about PhenoCycler Experiment Designer software, version 2.1.0. Please read this information carefully as it supersedes all printed material or online help.

Overview:

PhenoCycler Experiment Designer software provides the interface to creating experiments for running the PhenoCycler assays on Fusion.

System Requirements:

- U.S. English Version of Microsoft® Windows 10 64-bit
- .NET 4.8
- Minimum monitor resolution: 1600x1200 at 96 DPI
- Minimum RAM: 32 GB

Software Installation:

To install on Windows 10:

1. Log in as an administrator
2. Close all open software programs
3. Double click on the Setup.exe
4. Follow the installer's instructions

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New Features and Enhancements:

- Run buffer calculator for PhenoCycler-Fusion 2.0 (2-slide carrier) protein experiments
- Check compatibility of the two selected experiments for 2-slide runs when using PhenoCycler-Fusion 2.0
- Sample Finding moved to the preflight check within the Fusion software

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New Features and Enhancements:

- Updated exposure times for Automated in situ RNA detection (available as beta functionality)

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New Features and Enhancements:

- Displays a warning if barcodes are duplicated within an experiment
- Saturation protection strategy is selected and stored within the experiment
- Updated DAPI exposure to 2 ms
- Automated in situ RNA detection (available as beta functionality)

Support:

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