

cBot Software Release Notes

cBot v2.0.16

Recipe Installer 2.0.3

***For cBot instruments for use with HiSeq and HiSeqXten
systems***

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Introduction

These Release Notes detail the key changes to software components for cBot 2.0.16 since the last cBot 1.5.18 package release.

This release includes new features for cBot that support HiSeq v4 and HiSeqX kits, and is necessary only for customers who wish to use HiSeq v4 or HiSeqX kits. Other customers may continue to use cBot v2.0.16. The new features introduced in the cBot 2.0.16 release are included in this document for convenience.

The software package includes:

- cBot v2.0.16
- Recipe Installer 2.0.3 - supports new HiSeq X recipe and version 4 recipes

I. cBot 2.0.16

NEW FEATURES:

- For HiScanSQ and HiSeq v3 reagent kits, added support for TG series reagents, in addition to the currently supported GA series reagents.
- Added support for HiSeq v4 reagents for use with compatible HiSeq systems. This includes new HiSeq v4 clustering protocols and functional checks to ensure compatibility between reagent versions (based on Reagent ID) and the selected protocol.
- Added support for HiSeq X reagents for use with HiSeq X systems. This includes new HiSeq X clustering protocols and functional checks to ensure compatibility of HiSeq X reagents with selected HiSeq X protocols.
- Added support for HiSeq X rehyb recipes.

The following new feature was introduced in cBot v1.5.18, and is included in v2.0.16:

- When using a Rapid Run flow cell and recipe, flow check will now be performed, displayed, and checked only on the specified lanes for a Rapid Run flow cell (lanes 4 and 5). No other changes have been made to the flow check or clustering recipes functionality.

DEFECT REPAIRS:

- A fix was made to correct the message displayed if the Reagent ID entered is incompatible with the selected Protocol. Previously, the message would read "Compatible with Protocol: ". The message now correctly reads "Compatible with Protocol: NO".
- A fix was made to ensure that the Reagent ID used with the TruSeq Rapid protocol ends in "-RR". Previously, TruSeq Rapid Reagent IDs ending in "-PER" were allowed.

The following defect repair was introduced in cBot v1.5.18, and is included in v2.0.16:

- Flow check pass/fail status is now correctly reported for all lanes. This corrects a previous issue, reported in cBot version 1.5.12, which sometimes caused lanes to be incorrectly reported as failing flow check even when the measured flow rate was correct.

KNOWN ISSUES:

- When scanning a HiSeq flow cell package for the flow cell serial number, the software currently does not check that the correct 9 character flow cell serial number is scanned. The user will need to make sure that the 9 character serial number, and not a lot number or other package barcode, is scanned.
- If a cBot *.msi file already exists in the temp folder before installation (due to a previous installation attempt), the installer will delete that file, and the user will then have to re-launch the installer to complete the installation process. If two .msi files are present, the installer will not proceed as a safe-guard, to prevent installation of the incorrect .msi file.

II. Recipe Installer 2.0.3

- Added new version 9 recipes for use with HiSeq v4 and version 1 recipes for use with HiSeqX products.
- GA instrument recipes are now hidden from the selection menu.