

## Sequence Reader Plugin

USER MANUAL

# User manual for Sequence Reader 25.0

Windows, macOS and Linux

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This software is for research purposes only.

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### **Chapter 1**

## Introduction

Sequence Reader can be used to read aloud a part of a sequence. This is useful if you wish to compare a sequence on the screen to a printed sequence.

To read a sequence aloud:

## Open the sequence | Select the part to be read (double-click the label to select all) | right-click | Read Selection Aloud

This is shown in figure 1.1.



Figure 1.1: Reading a selection aloud.

Next, the reading will start, and a dialog will be shown with three buttons:

- **Restart**. This will start reading from the beginning of the selection.
- **Pause**. Lets you pause and play the reading.
- Close. Close the dialog and the reading stops.

Furthermore, there is a slider to control the reading speed. The dialog is shown in figure 1.2.



Figure 1.2: Reading a selection aloud.

The sequence reader works in all places where you can select part of a sequence, e.g. in alignments, contigs etc.

## **Chapter 2**

## Install and uninstall plugins

Sequence Reader is installed as a plugin.

#### 2.1 Installation of plugins

**Note**: In order to install plugins and modules, the *CLC Workbench* must be run in administrator mode. On Windows, you can do this by right-clicking the program shortcut and choosing "Run as Administrator". On Linux and Mac, it means you must launch the program such that it is run by an administrative user.

Plugins and modules are installed and uninstalled using the Workbench Plugin Manager. To open the Plugin Manager, click on the **Plugins ( button** in the top Toolbar, or go to the menu option:

#### Utilities | Manage Plugins... ( 💕 )

The Plugin Manager has two tabs at the top:

- Manage Plugins An overview of your installed plugins and modules is provided under this tab.
- **Download Plugins** Plugins and modules available to download and install are listed in this tab.

To install a plugin, click on the **Download Plugins** tab (figure 2.1). Select a plugin. Information about it will be shown in the right hand panel. Click on the **Download and Install** button to install the plugin.

#### Accepting the license agreement

The End User License Agreement (EULA) must be read and accepted as part of the installation process. Please read the EULA text carefully, and if you agree to it, check the box next to the text **I accept these terms**. If further information is requested from you, please fill this in before clicking on the **Finish** button.

#### Installing a cpa file

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Perform alignments with Clustal	D, ClustalW and MUSCLE	
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Figure 2.1: Plugins and modules available for installation are listed in the Plugin Manager under the Download Plugins tab.

If you have a .cpa installer file for Sequence Reader, you can install it by clicking on the **Install from File** button at the bottom of the Plugin Manager.

If you are working on a system not connected to the internet, plugin and module .cpa files can be downloaded from <a href="https://digitalinsights.qiagen.com/products-overview/plugins/using">https://digitalinsights.qiagen.com/products-overview/plugins/using</a> a networked machine, and then transferred to the non-networked machine for installation.

#### Restart to complete the installation

Newly installed plugins and modules will be available for use after restarting the software. When you close the Plugin Manager, a dialog appears offering the opportunity to restart the *CLC Workbench*.

#### 2.2 Uninstalling plugins

Plugins and modules are uninstalled using the Workbench Plugin Manager. To open the Plugin Manager, click on the **Plugins ( button** in the top Toolbar, or go to the menu option:

#### Utilities | Manage Plugins... ( 💱 )

This will open the Plugin Manager (figure 2.2). Installed plugins and modules are shown under the Manage Plugins tab of the Plugins Manager.

To uninstall a plugin or module, click on its entry in the list, and click on the **Uninstall** button.

Plugins and modules are not uninstalled until the Workbench is restarted. When you close the Plugin Manager, a dialog appears offering the opportunity to restart the *CLC Workbench*.

#### Disabling a plugin without uninstalling it

If you do not want a plugin to be loaded the next time you start the Workbench, select it in the

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biomedical Genomics Analysis				Uninstall	Disable
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			Update Import	License Uninstall	Disable
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Help Proxy Settings	Check for Updates	stall from File			Close

Figure 2.2: Installed plugins and modules are listed in the Plugins Manager under the Manage Plugins tab.

list under the Manage Plugins tab and click on the **Disable** button.