

## Before you install the software

### *Supported Operating Systems*

The latest MATLAB engine requires one of the following operating systems:

- macOS Monterey (12)
- macOS Big Sur (11)
- macOS Catalina (10.15)
- macOS Mojave (10.14)

### **Note:**

- macOS High Sierra (10.13) and older is no longer supported
- On macOS Mojave, version 10.14.6 is recommended.

Please confirm your OS before installing this software. If you have questions about updating your Operating System, please contact Cybergenetics for additional information.

### *Move your customized files and templates*

Cybergenetics recommends that you move your preference folders to allow clean copies to be installed. In doing so, you will also preserve files that have been customized to your site. Table 1 shows the folder locations.

<b>Application</b>	<b>Folder name</b>	<b>Location</b>
VUIer™	Preferences	/Library/TrueAllele
Analyze	trueallele	/Documents

**Table 1 - Folder location**

In order to access the Library/TrueAllele folder please follow these steps.

- Open Finder
- From the menu select Go > Go to Folder...
- Enter the following: /Library/TrueAllele
  - **Note:** This step opens a Finder window displaying the /Library/TrueAllele folder.
- Drag the Preferences folder to your Desktop or other location.
  - **Note:** This step removes the Preferences folder from the TrueAllele folder.
- You can now proceed with the installation.

## **Install the MATLAB 9.9 engine (required)**

This new MCR Engine is required to be installed even if you have previously used an earlier VUler version. This installation can take several minutes to start up and complete. Once started the install program may initially appear unresponsive, but is unpacking in the background. Please allow time for the installer window to appear.

For installation guidance, follow the Mac-specific instructions found in the “TrueAllele® VUler™: Getting Started” manual. Please contact Cybergenetics if you have any questions about installing this software.

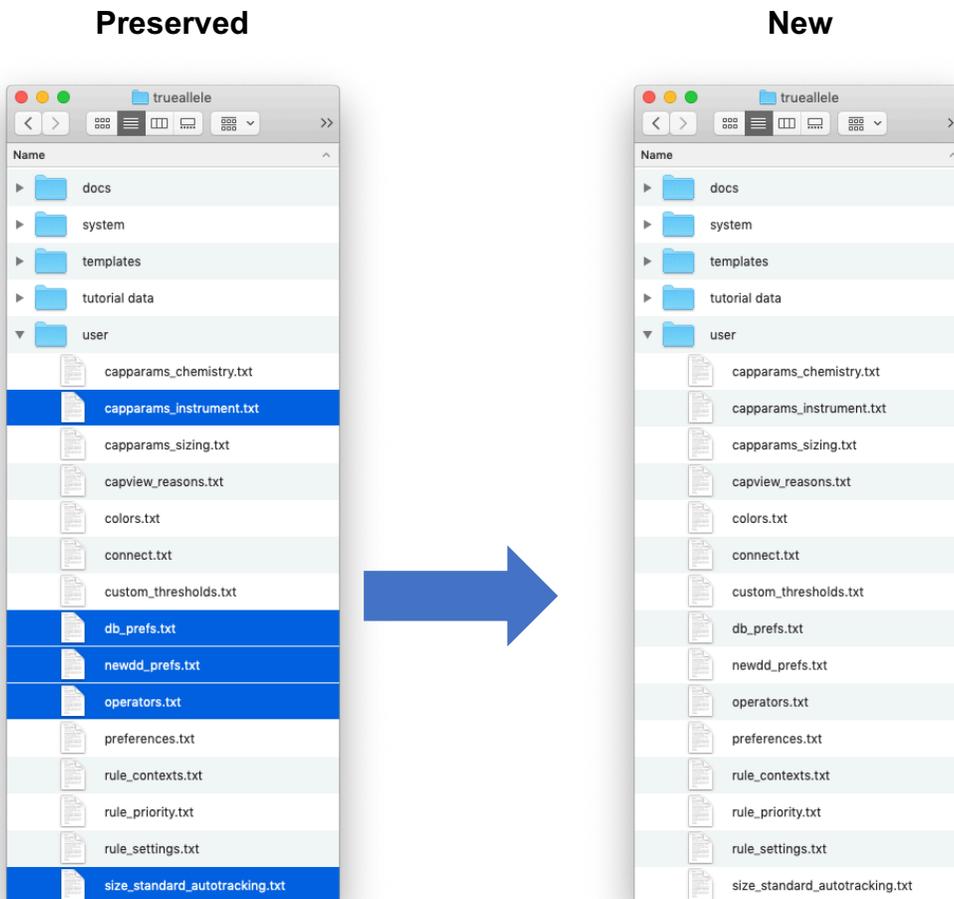
## **Install VUler and Analyze**

To install VUler and Analyze, please follow the Mac-specific instructions for a “Standard Install” (*not* Customized), found in the “TrueAllele® VUler™: Getting Started” manual. Please contact Cybergenetics if you have any questions about installing the software.

*Replace customized Analyze files and templates (as needed)*

Once Analyze has been installed, copy a few of your preserved files back into the /trueallele/user directory. A list of files you may wish to replace is provided in Figure 1 and Table 3 found below. If your site uses specific instrument settings (found in the /trueallele/user *capparams\_instrument.txt* file), please modify these settings in the current file version. If your site uses a customized DataDisk template, move this template back into the /trueallele/templates directory. Customized templates may include those that analyze data at 0 or 5 rfu.

Please contact Cybergenetics before replacing if you are upgrading an Analyze version older than 2018.



**Figure 1 - Custom files for Analyze**

<b>file</b>	<b>function</b>
<i>capparams_instrument.txt</i>	Sets sequencer specific settings
<i>db_prefs.txt</i>	Sets lab information for Data (.gel) files
<i>newdd_prefs.txt</i>	Sets initial preferences for DataDisk creation
<i>operators.txt</i>	Lists user initials for user action tracking
<i>size_standard_autotracking.txt</i>	Provides values for Bayesian tracking

**Table 3 - Custom files for Analyze**

Once you have replaced your files, Analyze is ready to use. You can discard the preserved files that were not used.

Replace customized VUler files (as needed)

Once VUler is installed, copy your preserved files into the VUler Preferences folder. A list of files you may wish to replace is provided in Figure 2 and Table 4. If your site uses specific report settings (found in the *report.txt* file), please modify these settings in the current file version.

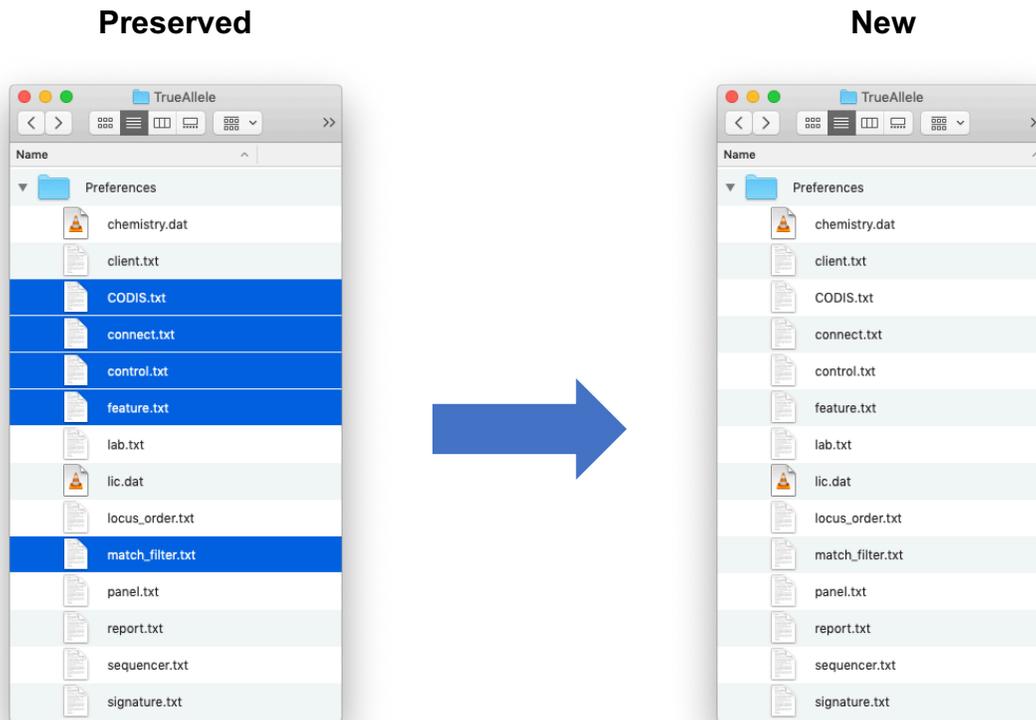


Figure 2 - Custom files for VUler

file	function
<i>CODIS.txt</i>	Includes header information for CODIS export files
<i>connect.txt</i>	Provides database connection information for the Connect window
<i>control.txt</i>	Provides user customized request parameters
<i>feature.txt</i>	Enables some user features, such as detailed report
<i>match_filter.txt</i>	Provides lab customized database match searching
<i>report.txt</i>	Contains Report module preferences

Table 4 - Custom files for VUler

You can discard the preserved files that weren't used.

### *Finalize the VUler software installation*

Once you have replaced your files, start the VUler software. Upon the initial startup, the VUler software prompts you for a license key. This license key was sent with your release email message from Cybergenetics. After the license key has been entered, the new VUler software is ready to use.