

Microarray Library Files

Microarray library files can be managed by clicking the *Microarray libraries* tab on the *Library file management* page (Figure 1). The chip name and download source of stored Microarray library files are shown in the table. For more information, refer to the [Microarray Toolkit](#) section.

The screenshot shows a user interface for managing microarray library files. At the top, there are two tabs: "Genomic library files" and "Microarray library files". The "Microarray library files" tab is selected, indicated by a green background and white text. Below the tabs is a green button labeled "+ Add probe sequence". Underneath this button is a table with three columns: "Chip name", "URL", and "Actions". The table contains two rows of data:

Chip name	URL	Actions
HG-U133_Plus_2	http://media.affymetrix.com/analysis/downloads/data/HG-U133_Plus_2.probe.tab.zip	
HTA-2_0	http://media.affymetrix.com/analysis/downloads/lf/hta/HTA-2_0/HTA-2_0.hg19.probe.tab.zip	

Figure 1. Microarray libraries files tab

Microarray probe tab files are used for processing microarray data in Partek Flow. When microarray intensity data files (e.g. Affymetrix .CEL files) are imported into a project, the chip type is automatically detected and the appropriate probe tab annotation file is downloaded. Thus, you would normally not need to manually add any probe tab annotation files.

To manually download a probe tab file, click the green **Add probe sequence** button at the top of the page (Figure 1). Choose the chip name from the drop-down list in the dialog, select the **Download probe sequence** radio button and click **Create** (Figure 2). If a chip has already been added, it will not appear in the *Chip name* drop-down list. We currently support automatic downloads of a broad variety of Affymetrix and Illumina microarray chips.

The screenshot shows the "Add probe sequence" dialog box. At the top left is the title "Add probe sequence" and a close button "x". Below the title is a dropdown menu labeled "Chip name" containing the option "HG-U133A". To the right of the dropdown are two radio buttons: "Download probe sequence" (selected) and "Import probe sequence". At the bottom left is a "Create" button.

Figure 2. Manually download microarray probe tab annotation files

To add a [custom probe tab file](#) (e.g. for a custom chip), click the green **Add probe sequence** button at the top of the page (Figure 43). Scroll to the bottom of the *Chip name* drop-down list and choose **Other / Custom**. Name the chip by typing into the *Custom Name* box and click the **Create** button (Figure 3). Characters such as \$ * | \ : " < > ? / % cannot be used in custom names.

The screenshot shows the "Add probe sequence" dialog box. At the top left is the title "Add probe sequence" and a close button "x". Below the title is a dropdown menu labeled "Chip name" containing the option "Other / Custom". Below the dropdown is a text input field labeled "Custom name". At the bottom left is a "Create" button.

Figure 3. Adding a custom probe tab file e.g. for a custom microarray chip

A custom probe tab file can be added from the *Partek Flow Server*, *My Computer* or a *URL* download link. The behavior of each option is similar to when importing a reference sequence (see [Adding a Reference Sequence](#)). When browsing for files on the Partek Flow server, only the files with relevant file extensions will be visible (.probe_tab and various compressed formats). Please see the Importing Custom CEL files user guide for more information.

Additional Assistance

If you need additional assistance, please visit [our support page](#) to submit a help ticket or find phone numbers for regional support.



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