

Installing Configuration Files Required to Perform SNP Genotyping on the 24.192 Dynamic Array IFC for Gene Expression

To use the 24.192 Dynamic Array™ IFC for Gene Expression with SNP Type™ assays, you need to:

- 1 Install the appropriate script (if using the Juno™ system) or thermal protocol (if using the FC1™ cyclers).
- 2 Install the appropriate IFC (integrated fluidic circuit) definition file on the Biomark™ HD, Biomark™, or EP1™ systems.

Follow the instructions below to install both sets of files on the instruments in your lab. You will need a portable USB drive to complete installation.

- 1 Unzip the installation package: **101-8007_GTConfigFilesFor24.192.zip**
- 2 Insert a USB drive into the USB port of your computer.
- 3 Install the Juno script and/or the FC1 thermal protocol.

For Juno (script **SNP Type: One Step 24.192**)

Requires: Juno Instrument Control Software v3.11 or later.

- a Open the folder:
24.192 GT Configuration Files\Juno
- b Copy the folder **Scripts** to the root directory of a USB drive.
- c Remove the USB drive from the computer.
- d Insert the USB drive into the USB port on Juno.
- e Log in as **Admin**.
- f Tap **TOOLS**, then tap **Manage Scripts**, and then tap **Install**.
- g Tap the displayed script to install it.
- h Remove the USB drive from Juno.

For FC1 (thermal protocol **SNP Type 24.192 v1**)

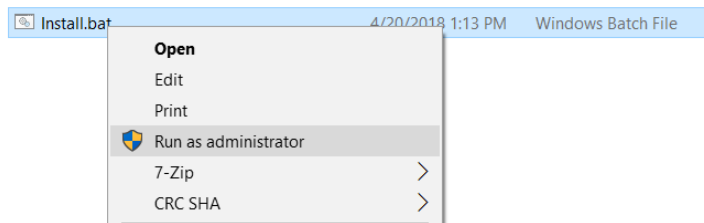
Requires: FC1 Instrument Control Software v1.6 or later.

- a Open the folder:
24.192 GT Configuration Files\FC1
- b Copy the folder **Protocols** to the root directory of a USB drive.
- c Remove the USB drive from the computer.
- d Insert the USB drive into the USB port on FC1.
- e Log in as **Admin**.
- f Press **TOOLS**, press **Manage Protocols**, and then press **Copy from USB drive**.
- g Press the displayed protocol to install it.
- h Remove the USB drive from FC1.

4 Install the IFC definition file on Biomark HD, Biomark, or EP1.

Requires: Data Collection v4.2 or later.

- a** Copy the full extracted folder **24.192 GT Configuration Files** to a USB drive.
- b** Insert the USB drive into the USB port on Biomark HD, Biomark, or EP1.
- c** Close the Data Collection software if it is currently running.
- d** Open the folder GE 24.192 for SNP Type Config Files\Biomark or GE 24.192 for SNP Type Config Files \EP1.
- e** Double-click the **Install.bat** file to install the files.
- f** If the installation fails, right-click the **Install.bat** file and select **Run as administrator**.



- g** Click **Yes** to enable the batch file to modify the system files.
- h** If both Step 5e and Step 5f fail, contact your facility's IT department to enable you to modify the C:\Program Files\Fluidigm directory.
- i** Remove the USB drive from Biomark HD, Biomark, or EP1.
- j** Start the Data Collection software.

For technical support visit fluidigm.com/support.

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