OLINK PROTEIN EXPRESSION PROGRAM FOR BIOMARK

This document describes how to set up your Fluidigm Biomark for running the final part of the Detection step of the Olink Panels Protocol.

Requirement

1. **Olink Protein Expression 96x96 v2** program (.pcl-file available for download at Olink Membership Site)
2. **Fluidigm Biomark**

Import the Olink Protein Expression 96x96 program

1. Download the **.pcl-file** from www.Olink.com (right-click and select 'Save as')
2. Go to **My Computer** on the Fluidigm Biomark computer and select the **C-drive**
3. Go to the folder for **Program Files** and select:
   Fluidigm/BioMarkDataCollection/ApplicationData/Protocols
4. Create a new Folder, and name it **Olink**
5. Add **Olink Protein Expression 96x96 v2.pcl** file to this folder

Create the Olink Project Setting on the Biomark

1. Open the **Biomark Data Collection Software** on the Fluidigm Biomark computer
2. Go to **Settings –> Manage Project Settings**
3. Click **Add New Project Setting**
4. Name the Project **Olink Protein Expression 96x96** 5.   Select:
   a. **Application – Gene Expression**
   b. **Passive Reference – ROX**
   c. **Assay – Single probe**
   d. **Probes – FAM- MGB**
6. Select a folder where to save your data files, by clicking **browse** under **Naming and Location, Chip Run Directory**
7. Upload the Protocol: Open **Browse for Protocol** under Thermal Protocol Section and select the **Olink Protein Expression 96x96 v2** protocol
8. Click **Save** and **Close**
9. Click **Close**
10. Select Olink Protein Expression in the **Project Setting** in the Biomark Data Collection starting window (check **Remember Project Setting** to set this Project Setting as pre-selected)