

Creating a New Project in GenomeStudio®

You will need the **sample sheet** you intend to use for the project, the **iDAT files** for the samples included in the sample sheet, and the **SNP Manifest**.

1. Click the **File** tab, select **New Project** in the drop-down menu, followed by **Genotyping** in the next menu.
2. The *Welcome Dialog Box* appears. Click on **Next**.
3. Under *Project Repository*, ensure that the path is for the directory you want to save the project. Under **Project Name**, type in the name you want to give your project and click **Next**.
4. The *Loading Sample Intensities* dialog box appears next. Select the **Use sample sheet to load sample intensities** option and click **Next**.
5. The *Loading Sample Intensities Using a Sample Sheet* dialog box appears. Use the **Browse** function to load the **Sample Sheet**.
6. Use the **Browse** function in the *Data Repository* to give the software the location of the folder containing the **iDAT files**.
7. Use the **Browse** function in the *Manifest Repository* to give the software the location of the folder containing the **Manifest File**. Now click **Next**.
8. The next dialog box is for *Cluster Positions*. The CottonSNP63K array is accompanied by a **Cluster File** that can be used to import the cluster positions. Select that box. Use the **Browse** button to find the location of the Cluster File so that the software can import the cluster positions. It is a (.EGT) file.
9. Then click **Finish**.
10. You can now visualize the data.