



dChip GT Input Report Plug-in v1.0 for BeadStudio v3.1

1. General Information

- a. The dChip GT Input Report Plug-in for BeadStudio is a software library that works with Illumina's BeadStudio analysis software (v3.1 and above) and dChip analysis software from Harvard University. This plug-in allows you to create input files for dChip's genotyping and LOH/copy number features.
- b. BeadStudio v3.1 or later is required to work with version 1.0 of the dChip GT Input Report Plug-in.

2. Installation Instructions

- a. Obtain and install the dChip application (<http://biosun1.harvard.edu/complab/dchip/>).
- b. Download the dChip GT Input Report Plug-in setup program from the Illumina Connect web site (<http://www.illumina.com/pagesnm.ilmn?ID=229>).
- c. Run the plug-in installer.

3. dChip GT Input Reports

- a. Open a Genotyping project in BeadStudio.
- b. Select **Analysis | Reports | Report Wizard**.
- c. Select **Custom Report**.
- d. Choose **dChipGTInputReports** from the dropdown menu of available custom reports.
- e. Follow the prompts and run the reports.

A total of 3 dChip input reports are created. The files created are named as follows:

- i. projectname_dChip_raw_intensity_and_call_data.txt
 - ii. projectname_dChip_sample_info.txt
 - iii. projectname_dChip_genome_info.txt
- f. See the dChip documentation for additional information.

4. Technical Support

- a. Direct questions about installing or using the dChip GT Input Reports Plug-in for BeadStudio to Illumina Technical Support (techsupport@illumina.com or +1-800-809-4566).
- b. If you have questions about the dChip algorithm and related publications, please contact Dr Cheng Li at <http://biosun1.harvard.edu/complab/dchip/>