Import BEAGLE gprobs as Allelic Dosage

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Overview

This script will allow you to import a non-compressed Beagle .gprobs file, which contains the probabilities for each of the 3 SNP genotypes. One of the imported spreadsheets will be composed of single precision floating point SNP columns, representing allelic dosage (0*AA + 1*AB + 2*BB). A and B alleles for each marker are available in a separate imported spreadsheet.

http://www.stat.auckland.ac.nz/~bbrowning/beagle/beagle.html

Recommended Directory Location

Save the script to the following directory:
*..\Application Data\Golden Helix SVS\UserScripts\SVS\Import\

Note: The **Application Data** folder is a hidden folder on Windows operating systems and its location varies between versions. The easiest way to locate this directory on your computer is to open SVS and select the **Tools >Open Folder > UserScripts Folder** menu option. If saved to the proper folder, this script will be accessible from the project navigator **Import** menu.

Using the Script

1. From an open project select **Import** >**Import Scripts** >**Import BEAGLE gprobs as Allelic Dosage**

2. Select the Beagle .gprobs file to import.

The resulting spreadsheets include one that has samples in rows and markers in columns and another that includes markers as rows and alleles as columns.