

Export BEAGLE File

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Overview

From a spreadsheet containing genotype data and a binary column with phenotype information (such as case/control or affection status), this script saves the spreadsheet in the BEAGLE file format. All non-genetic data columns except the column designated as the affection status are ignored.

<http://www.stat.auckland.ac.nz/~browning/beagle/beagle.html>

Recommended Directory Location

Save the script to the following directory:

*..\Application Data\Golden Helix SVS\UserScripts\Spreadsheet\File\

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

Using the Script

1. Open a spreadsheet that contains genotype information and a binary phenotype column that represents affection status.

Map	Sample ID	C/C	SNP_A-1793835	SNP_A-1828242	SNP_A-1854948	SNP_A-1883534	SNP_A-1883534
1	NA12813	1	A_A	A_B	A_A	A_A	A_A
2	NA12740	0	A_A	A_A	A_A	A_A	A_A
3	NA19193	1	A_A	A_A	A_B	A_A	A_A
4	NA18501	1	A_A	A_A	A_A	A_A	A_A
5	NA12874	1	A_A	A_A	A_A	A_A	A_A
6	NA19154	0	A_B	A_A	A_A	A_A	A_A
7	NA19129	0	A_A	A_A	A_B	A_B	A_B
8	NA12761	1	A_A	A_B	A_A	A_A	A_A
9	NA18537	0	A_A	A_A	A_B	A_A	A_A
10	NA19201	0	A_A	A_A	A_A	A_A	A_A
11	NA12760	1	A_A	A_B	A_A	A_A	A_A
12	NA18998	0	A_A	A_A	A_A	A_A	A_A
13	NA19132	1	A_A	A_A	A_B	A_B	A_B
14	NA06985	1	A_A	A_A	A_A	A_A	A_A
15	NA19143	0	A_A	A_A	A_A	A_A	A_A
16	NA18956	0	A_A	A_A	B_B	A_A	A_A
17	NA18968	0	A_A	A_A	A_B	A_A	A_A

2. Select **File >Export BEAGLE File**.
3. Choose the directory in which you want the files saved and choose a base name for the files.
4. Optionally choose the column which represents affection status. If you do not wish to do association testing with BEAGLE and do not have a C/C column, leave the column chooser blank. Click **OK**.

Upon completion, the file will be saved in the folder you indicated.