

## Create Vector from Matrix Spreadsheet

**Author:** Greta Peterson, Golden Helix, Inc.

### Overview

This script transforms a spreadsheet into a tall-skinny formatted vector. The user will choose which column type to transform and it will result in a child spreadsheet node. If the user selects genotypic columns, the allele delimiter can optionally be removed or replaced.

The resulting spreadsheet can be used for exporting or plotting purposes and contains a column with the original column headers and a column with the vector-formatted data.

### 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 and select **File >Create Vector from Spreadsheet**.
2. The script will scan all columns and provide a list of available column types. Select the column type you wish to transform.
  - a. If **Genotypic** is selected, a prompt will appear asking if you would like to remove/replace the allele delimiter.
  - b. If **Yes**, enter the new allele delimiter or leave the box blank to remove the delimiter.

The resulting spreadsheet contains two columns, one with the original column headers and another with the vector-formatted data.