

## Apply Additional Marker Map

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### Overview

This function will apply an additional marker map to the a currently mapped spreadsheet. The user can choose to apply the new map's data to only unmapped columns or to all columns, preferring either new marker map or old marker map information.

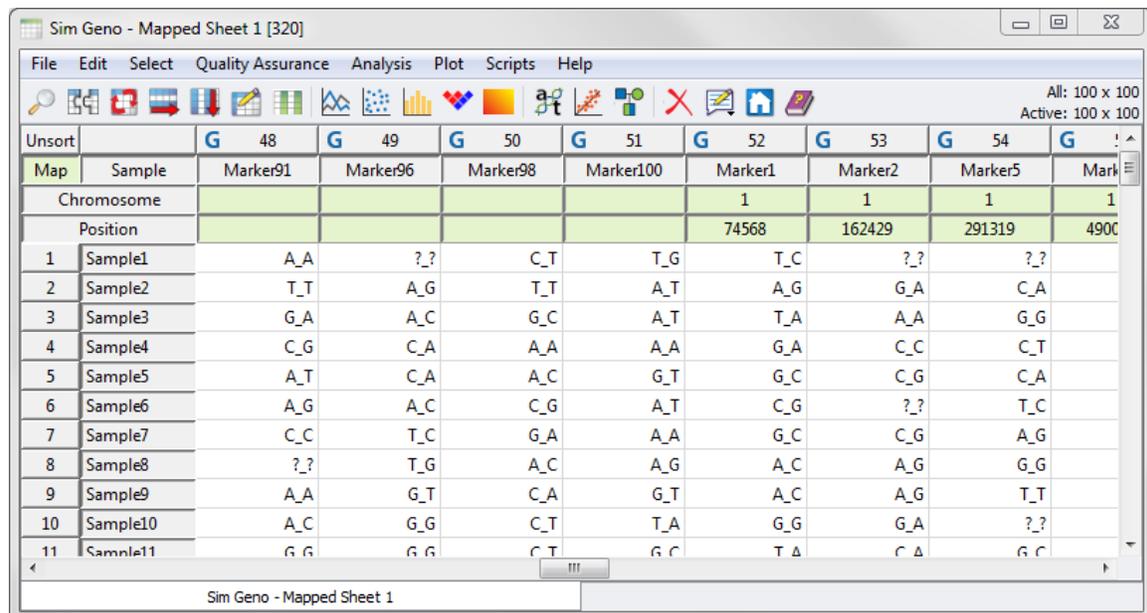
### Recommended Directory Location

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 click on the **AppData** shortcut in your **C:\Program Files\Golden Helix SVS\** directory. If saved to the proper folder, this script will be accessible from the spreadsheet **File** menu.

### Using the Script

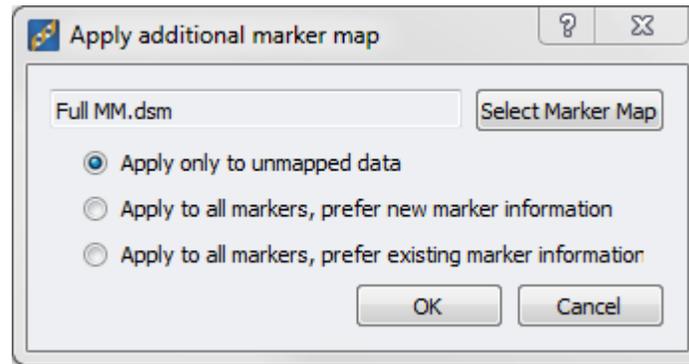


The screenshot shows the Sim Geno software interface with a spreadsheet titled "Sim Geno - Mapped Sheet 1 [320]". The spreadsheet has columns for "Map", "Sample", "Marker91", "Marker96", "Marker98", "Marker100", "Marker1", "Marker2", "Marker5", and "Marker11". The "Chromosome" column shows "1" for all samples, and the "Position" column shows values like 74568, 162429, 291319, and 4900. The "Sample" column lists "Sample1" through "Sample11". The "Marker" columns contain pairs of letters (e.g., A\_A, T\_T, C\_C) representing marker data for each sample.

Map	Sample	Marker91	Marker96	Marker98	Marker100	Marker1	Marker2	Marker5	Marker11
	Chromosome					1	1	1	1
	Position					74568	162429	291319	4900
1	Sample1	A_A	?_?	C_T	T_G	T_C	?_?	?_?	
2	Sample2	T_T	A_G	T_T	A_T	A_G	G_A	C_A	
3	Sample3	G_A	A_C	G_C	A_T	T_A	A_A	G_G	
4	Sample4	C_G	C_A	A_A	A_A	G_A	C_C	C_T	
5	Sample5	A_T	C_A	A_C	G_T	G_C	C_G	C_A	
6	Sample6	A_G	A_C	C_G	A_T	C_G	?_?	T_C	
7	Sample7	C_C	T_C	G_A	A_A	G_C	C_G	A_G	
8	Sample8	?_?	T_G	A_C	A_G	A_C	A_G	G_G	
9	Sample9	A_A	G_T	C_A	G_T	A_C	A_G	T_T	
10	Sample10	A_C	G_G	C_T	T_A	G_G	G_A	?_?	
11	Sample11	G_G	G_G	C_T	G_C	T_A	C_A	G_C	

1. From a partially mapped spreadsheet, choose **File >Apply Additional Marker Map**.

2. Click on **Select Marker Map** to choose the appropriate map.
3. There are three options for application:
  - a. **Apply only to unmapped data**
  - b. **Apply to all markers, prefer new marker information**
  - c. **Apply to all markers, prefer existing marker information**



Sim Geno - Mapped Sheet 1 [326]

File Edit Select Quality Assurance Analysis Plot Scripts Help

All: 100 x 100  
Active: 100 x 100

Unsort		G 1	G 2	G 3	G 4	G 5	G 6	G 7	G 8	G ^
Map	Sample	Marker1	Marker2	Marker5	Marker3	Marker4	Marker6	Marker8	Marker7	
	Chromosome	1	1	1	1	1	1	2	2	
	Position	74568	162429	291319	319775	322141	490049	210058	230643	
1	Sample1	T_C	??	??	A_T	??	A_G	G_C	A_G	
2	Sample2	A_G	G_A	C_A	T_C	A_T	T_C	??	G_T	
3	Sample3	T_A	A_A	G_G	C_A	A_A	A_G	C_T	G_T	
4	Sample4	G_A	C_C	C_T	A_G	A_G	A_C	T_T	C_T	
5	Sample5	G_C	C_G	C_A	A_C	G_C	G_T	??	C_C	
6	Sample6	C_G	??	T_C	T_A	T_G	??	??	G_T	
7	Sample7	G_C	C_G	A_G	T_T	C_C	G_T	T_A	T_T	
8	Sample8	A_C	A_G	G_G	C_T	G_T	A_T	G_C	G_C	
9	Sample9	A_C	A_G	T_T	G_T	G_C	T_T	A_G	C_G	
10	Sample10	G_G	G_A	??	G_T	G_G	C_T	A_G	A_G	
11	Sample11	T_A	C_A	G_C	A_T	T_T	T_C	??	G_A	

Sim Geno - Mapped Sheet 1