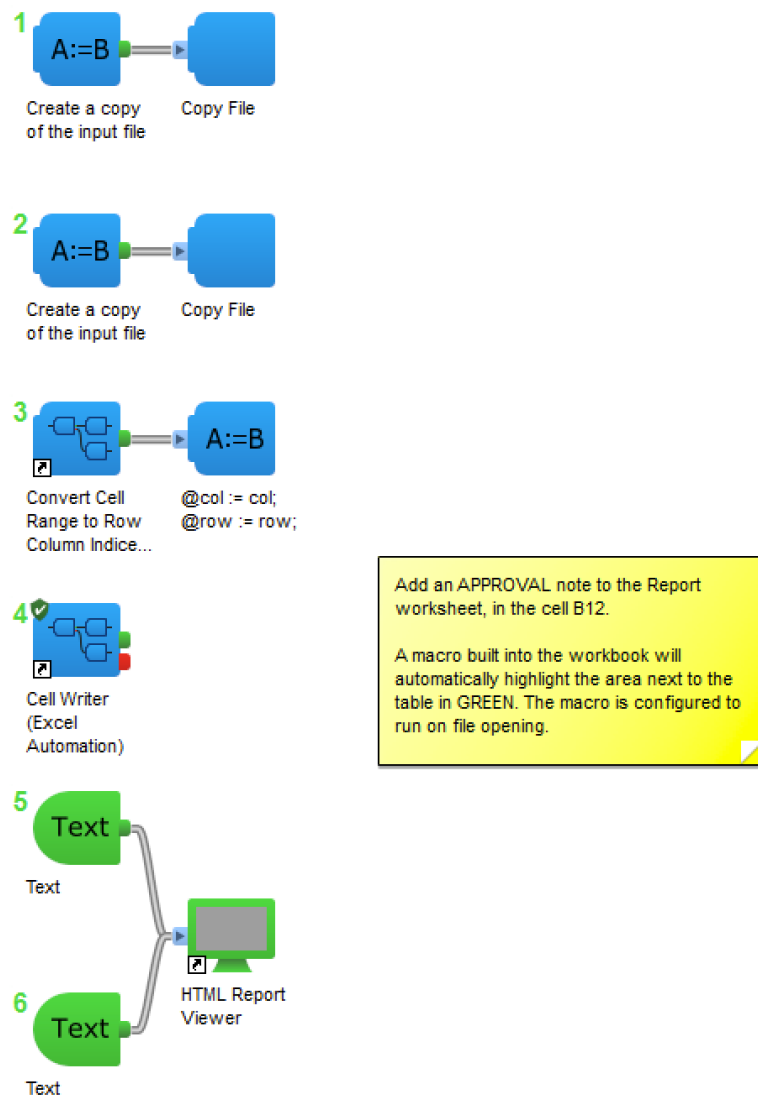


03 Change Cell Values in a Macro Workbook

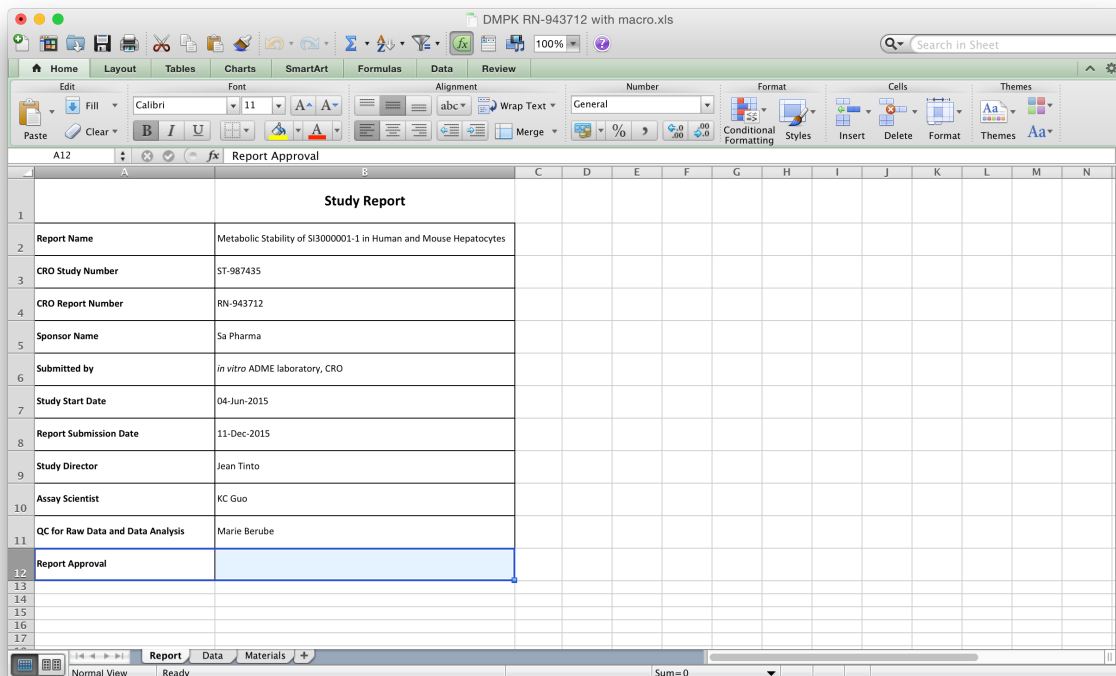
Purpose

Change cell values in a workbook containing VBA macros. The macros will continue to work after the file is updated by Pipeline Pilot.



Workflow

In this example we write a value into the cell B12 on the **Report** worksheet in the file `data/DMPK RN-943712 with macro.xls`. In the original file this cell is blank.



This workbook contains a macro that is configured to run if the cell B12 contains a non-empty value. The macro runs when the file is next opened in Excel. If B12 contains something, the macro creates a large green rectangle with the word APPROVED in it next to the summary table.

In the Pipeline Pilot protocol, we make a copy of the input file in the job directory. The original input file is shared by all users of the exercise: creating a copy ensures that the original file is not modified.

Using the **Cell Writer** component, we write “Report verified and approved by \$(username).” into B12 on the **Report** worksheet.

At the end of the protocol we bring up a browser window with download links to the original and result files for comparison.

Results

Here is the result of the protocol. Note that the macro executed successfully with the value we wrote into the cell B12 using Pipeline Pilot.

