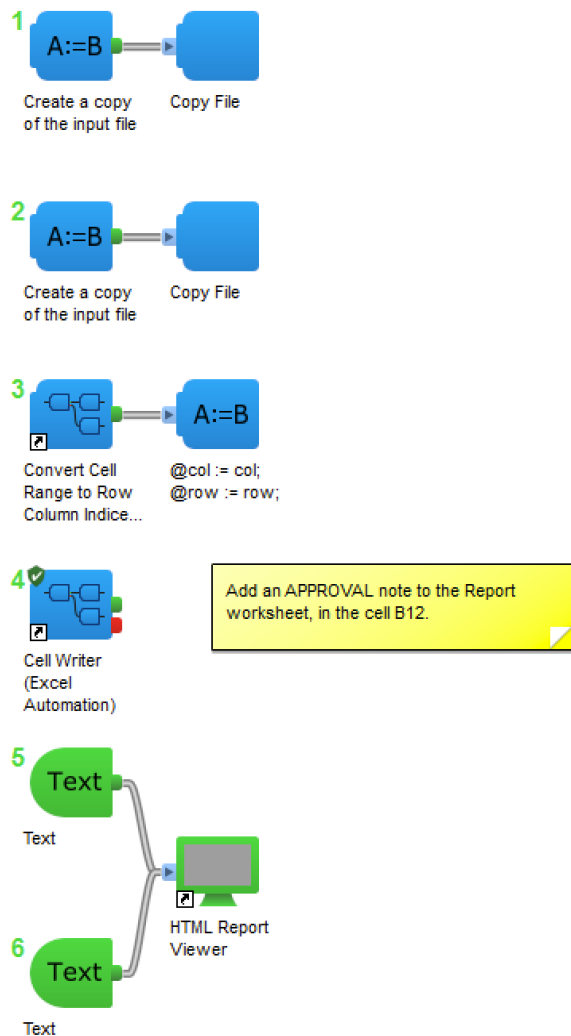# 05 Add Data to an Existing Excel Worksheet

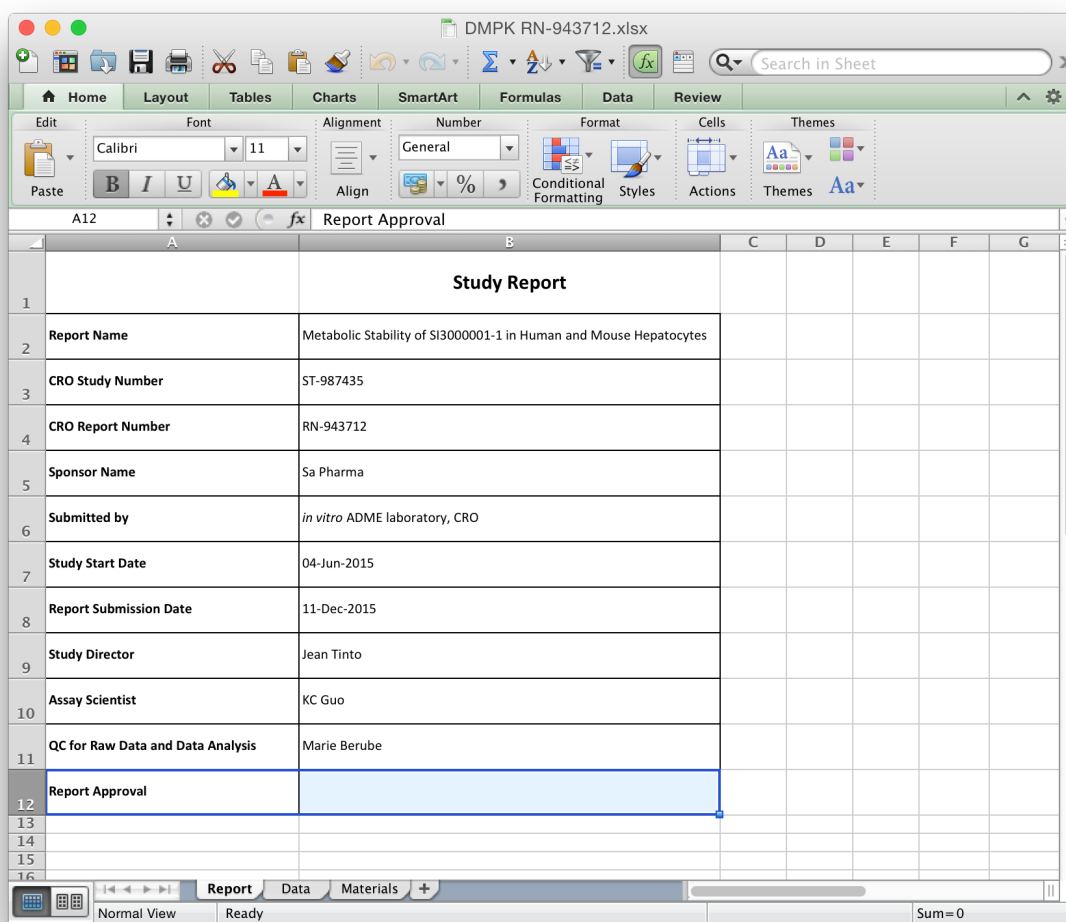## Purpose

Automatically add new data to an existing Excel file containing complex formatting.

1

A:=B — Copy File

Create a copy
of the input file   Copy File

2

A:=B — Copy File

Create a copy
of the input file   Copy File

3

⊟ — A:=B

Convert Cell   @col := col;
Range to Row   @row := row;
Column Indice...

4

Add an APPROVAL note to the Report
worksheet, in the cell B12.

Cell Writer
(Excel
Automation)

5

Text

Text

**HTML Report
Viewer**

6

Text

Text

Workflow

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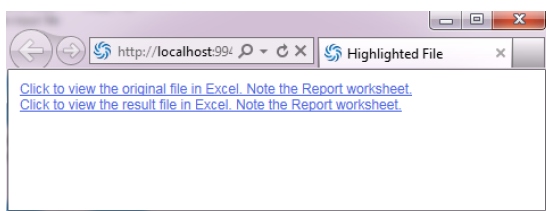

In the Pipeline Pilot protocol, we make a copy of the input file in the job directory. The original input file is shared by all users of the exercise: creating a copy ensures that the original file is not modified.

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.