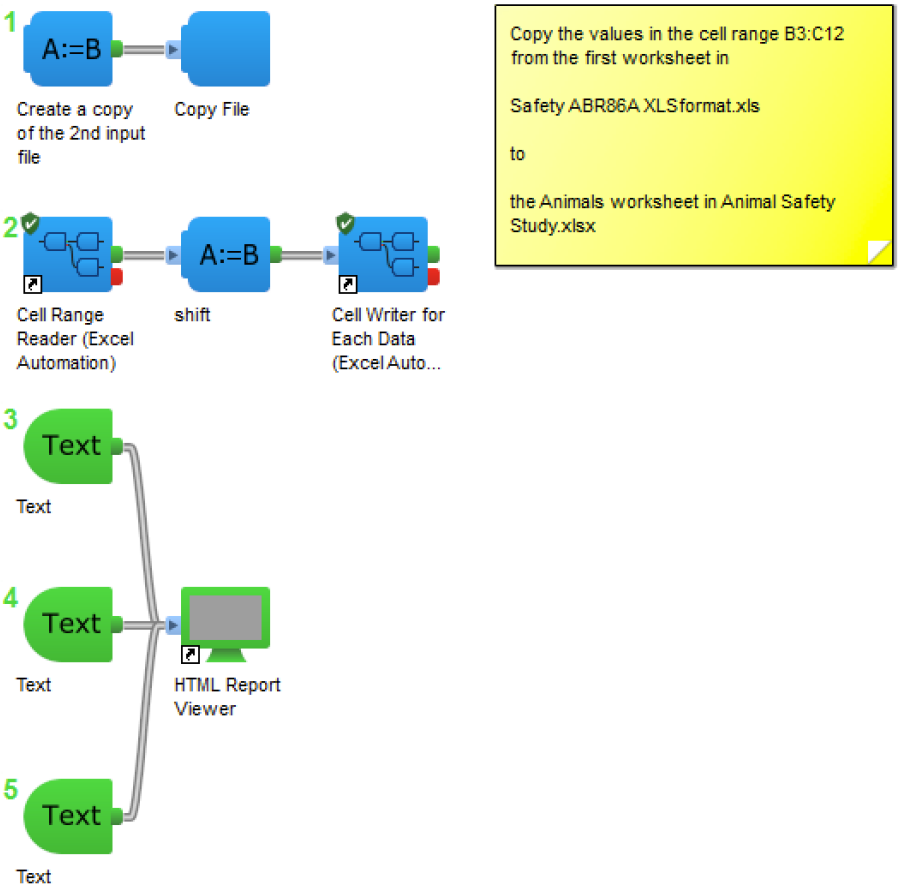
04 Copy Cells from One Excel File to Another

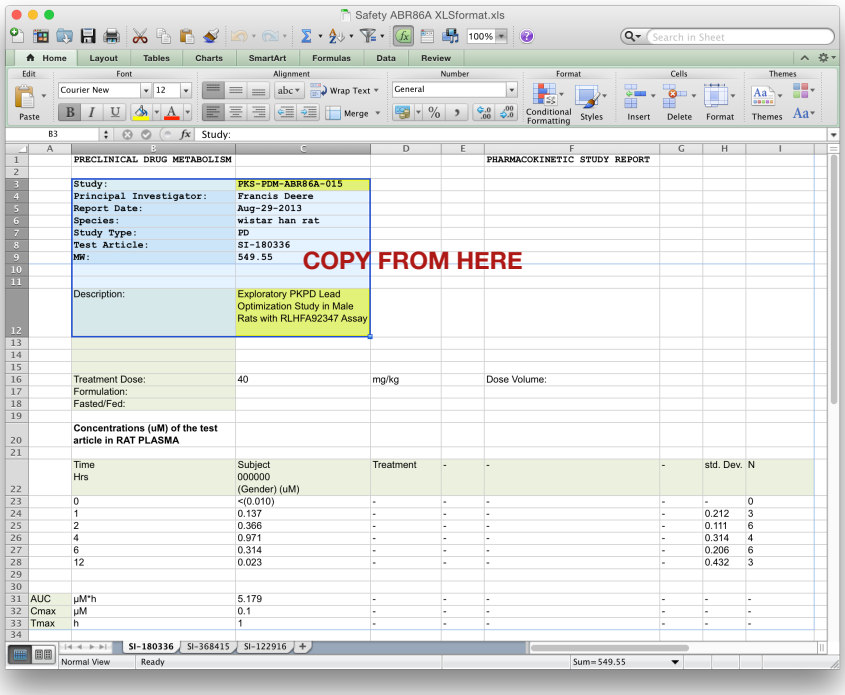
Purpose

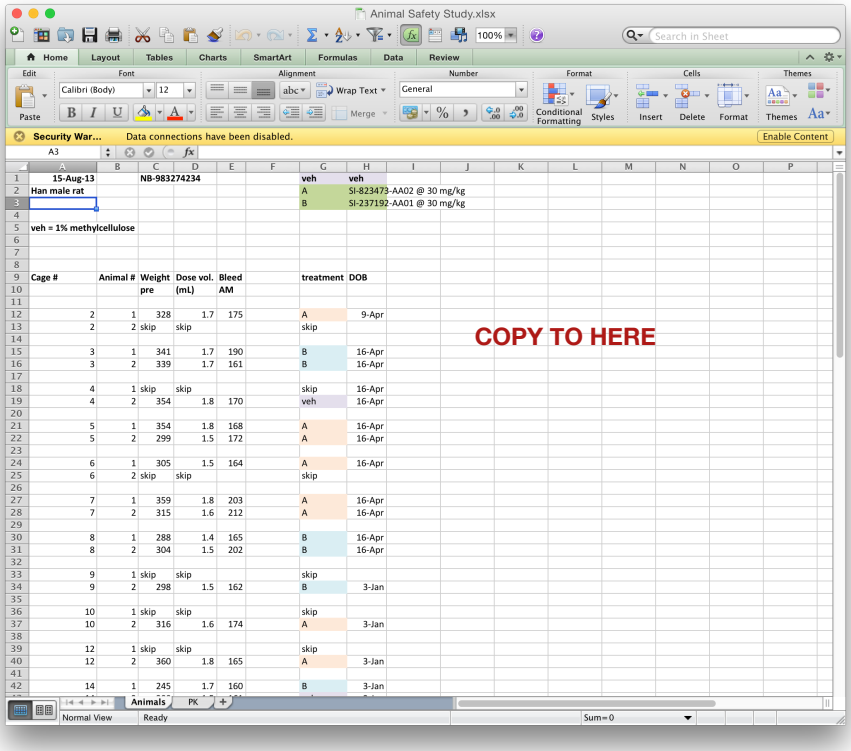
Read from a specified cell range on a worksheet in one file and copy the range to a second file.



Workflow

In this example we copy the values in the cell range B3:C12 on the **SI-180336** worksheet in the file `data/Safety ABR86A XLSformat.xls` to the worksheet **Animals** in our copy of the file `data/Animal Safety Study.xlsx`.





In the Pipeline Pilot protocol, we make a copy of both input files in the job directory. The original input files are shared by all users of the exercise: creating a copy ensures that neither original file is modified.

Using the **Cell Range Reader** component, we read the range B3:C12 on the **SI-180336** worksheet in the first file. Once the data are on the stream in Pipeline Pilot, we add 6 to the row number and 9 to the column number for each value that has been read out. This is to place the values in their original relative positions but shifted to the right and to the bottom on the target worksheet. The target range location will be K9:L18.

Using the **Cell Writer** component, we write the data onto the **Animals** worksheet in our copy of the second input file.

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.