

Automatisation of data processing for flux cytometry experiments



Requirements:

- ✓ Latest Excel version (>2013 at least)
- ✓ Raw data cytometry (4 columns format)

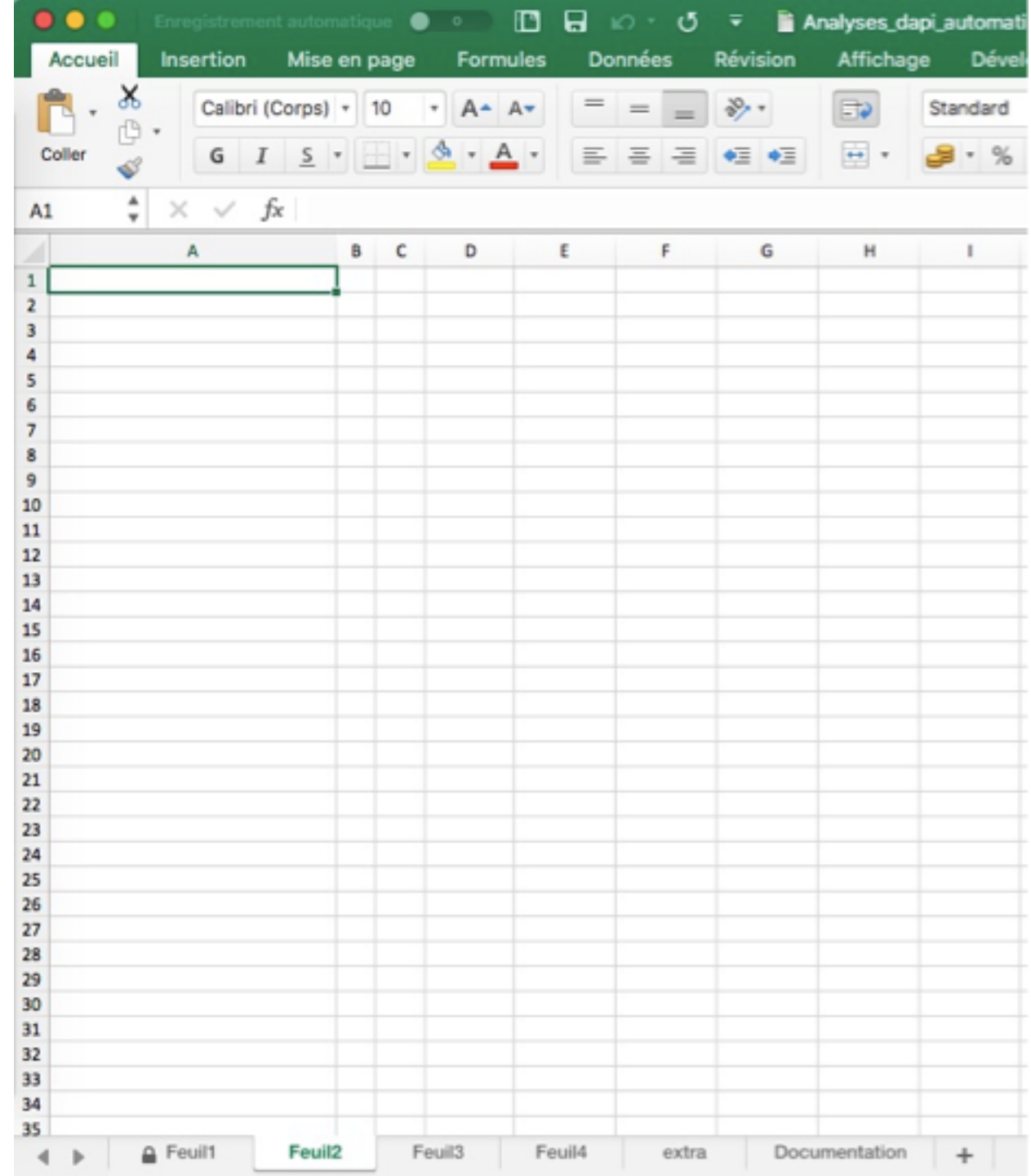
PC 99ko combo HHT CX.0079\P1 \P2\DAPI+	B3	24,84	116580,93
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- ✓ 3 replicats for now ☹️



Step 1:

- ✓ Paste your raw data in Feuil2
- ✓ Try to keep the 4 column format
- ✓ Remove the header if there is one



Step 2:

- ✓ Go to Feuil1
- ✓ Click reset to reset parameters
- ✓ Select your triplicates and repeat

1

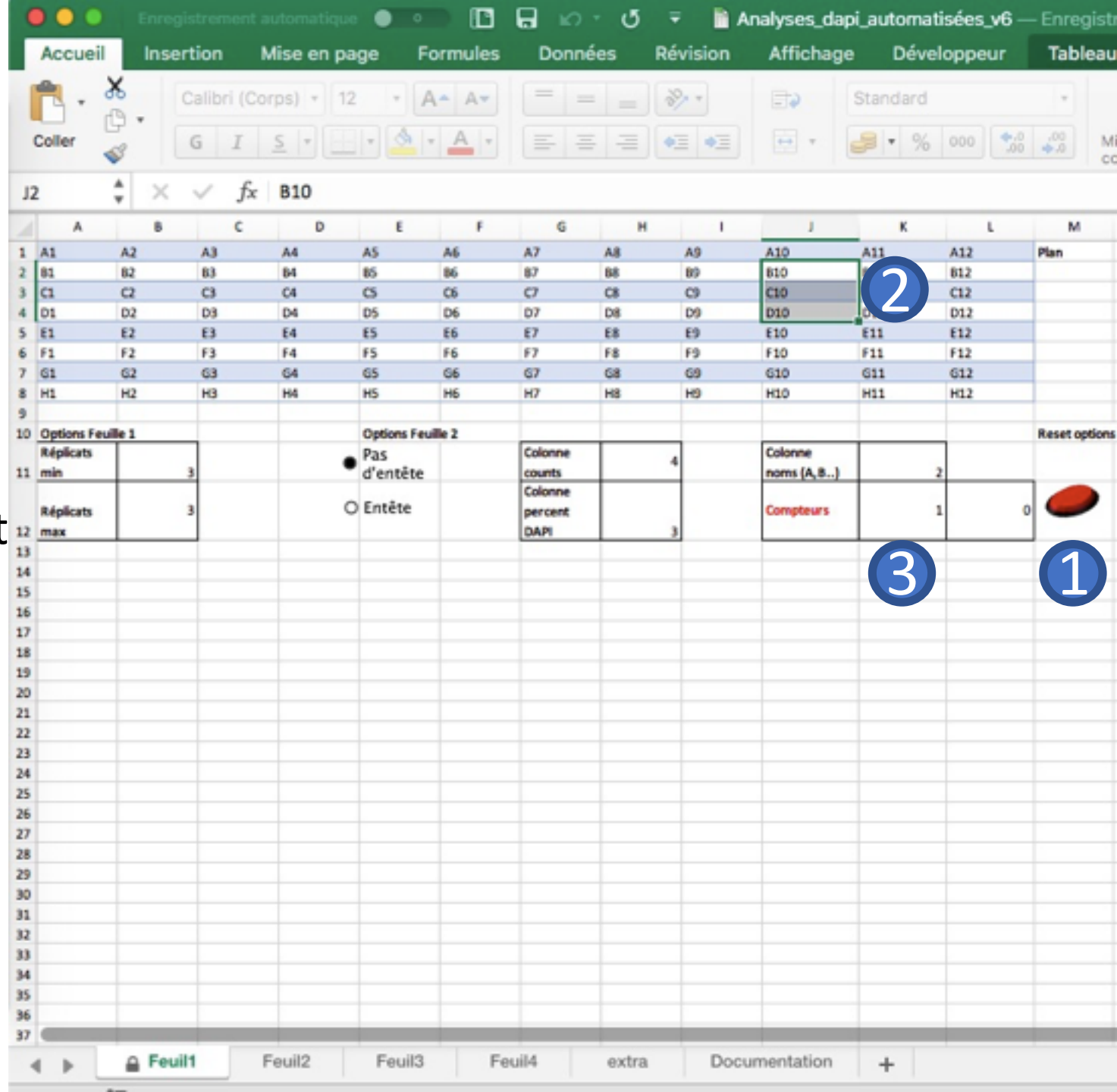
2

Misc

- ✓ Check Compteurs to assess that everything works

- ✓ Remove not ordered lines (from compteur to the end in feuil2)

3

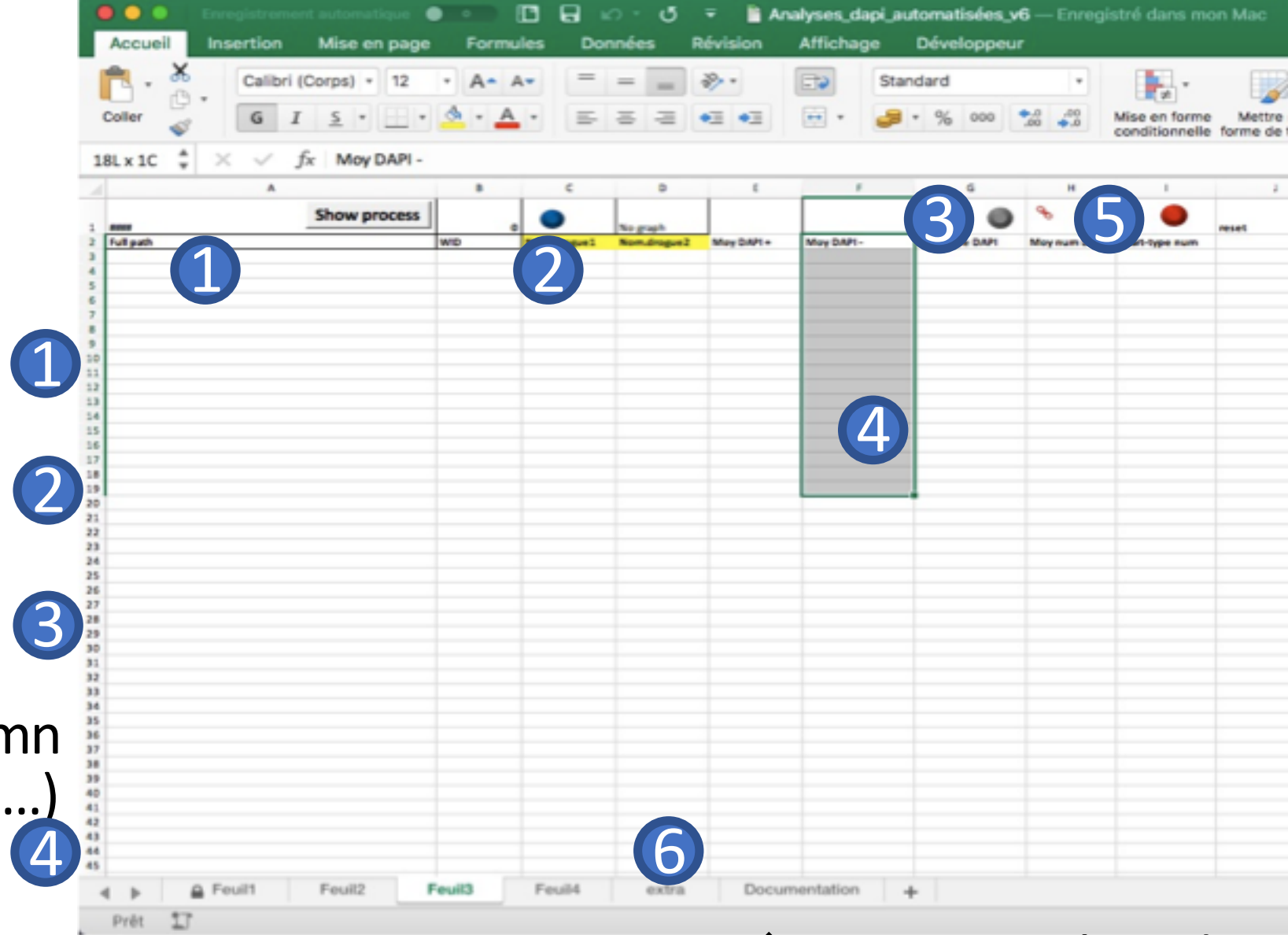


Step 3:

- ✓ Go to Feuil3
- ✓ Click on Show process to choose to show/hide
- ✓ Click the blue button
- ✓ Choose the type of graph by clicking the grey button
- ✓ Select your data with column title (Moy dapi or moy num...)

Misc

- ✓ Once all the plots are done click on the red link to unlink graphs and data to paste every thing in extra



- ❖ Reset graph and data with the red button

Step 4:

- ✓ Go to Feuil4
- ✓ Paste data for drugs alone 1
(no 0 values!)
- ✓ Remove these lines from feuil3 table
(only combos in feuil3 from now on and each one must have a proper [c] value)
- ✓ Activate the listener by clicking the gray button 2
- ✓ Select your data (drug 1 3 then drug 2)
- ✓ Click the blue button 4

- ❖ Reset graph and data with the red button

