

## XChem training: TexRank & SoakDB

May 2022









#### **TexRank**



- Use 'tserver' to go on Windows machine
- TexRank shortcut on desktop
- Select plate
- Select (toggle!!) Formulatrix (RC)
- Select 1 Subwell
- 4 Target dispensing location (right click)
- Save list before moving to next plate (ECHO − 1 Target)

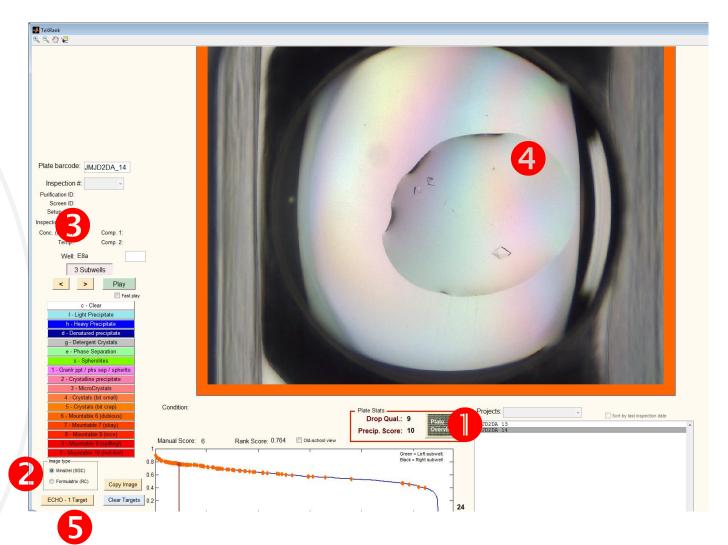
Save to here:

Y:\data\proposal\visit\processing\lab36\crystal-targets

Repeat steps 1, 2, 4, and 5 (yes, step 2 also, bug!!) for another plate

Arrow keys on keyboard to move previous/next

Check the crystal target output csv files X and Y should be within +/- 1300 (for swissCI-3drops)



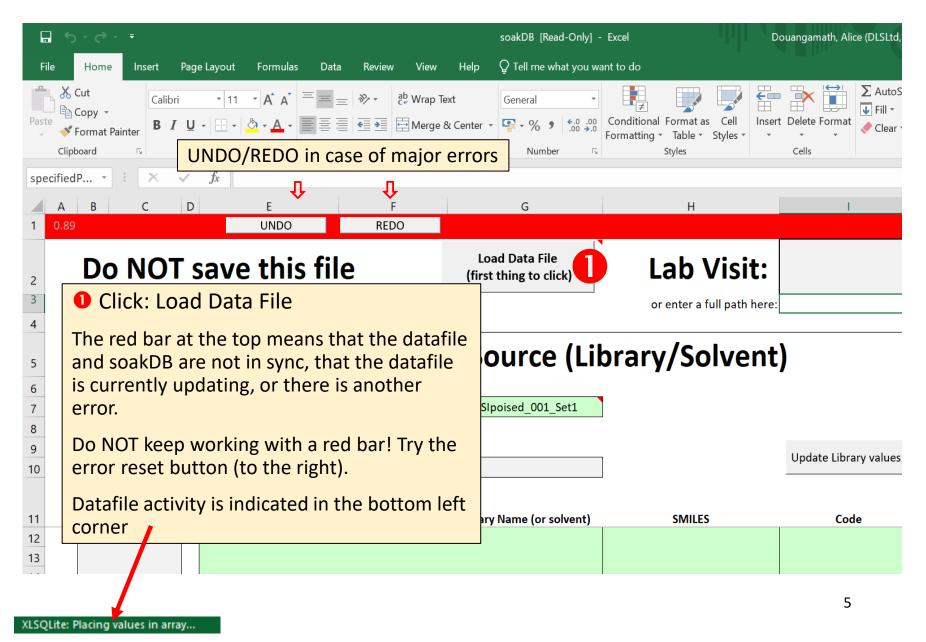


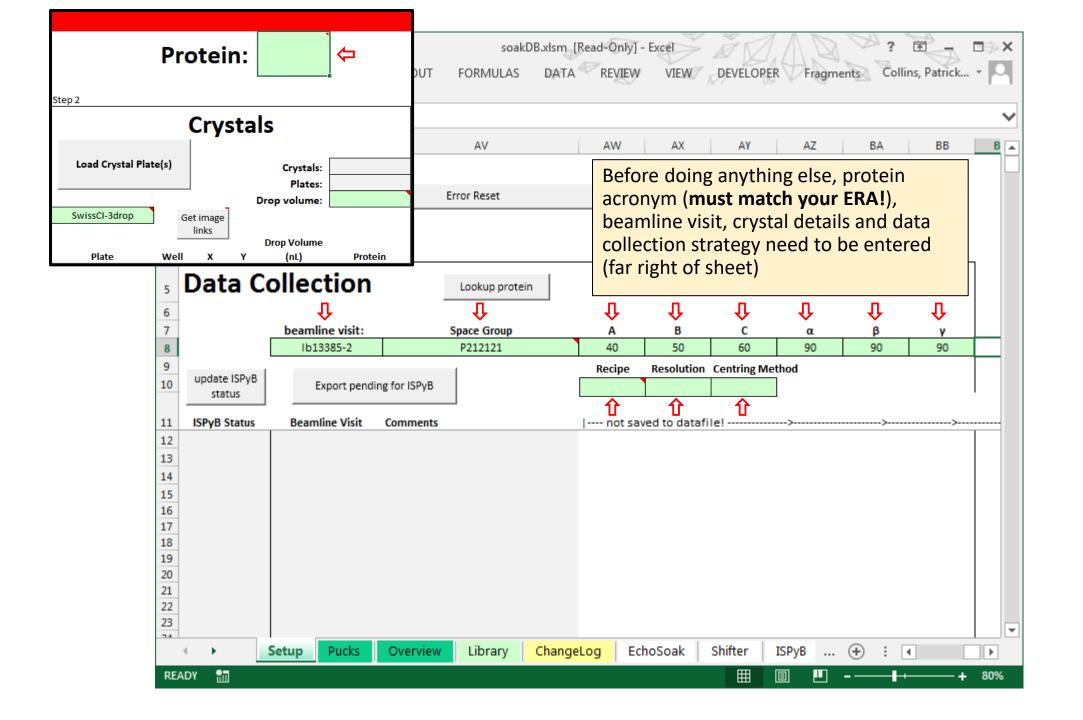


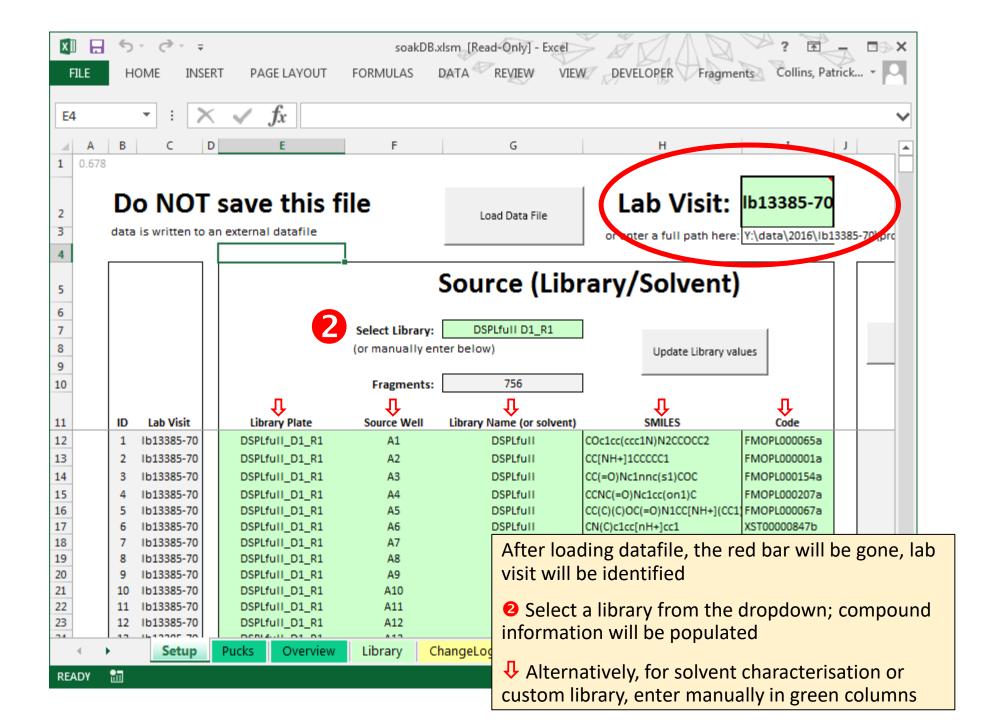


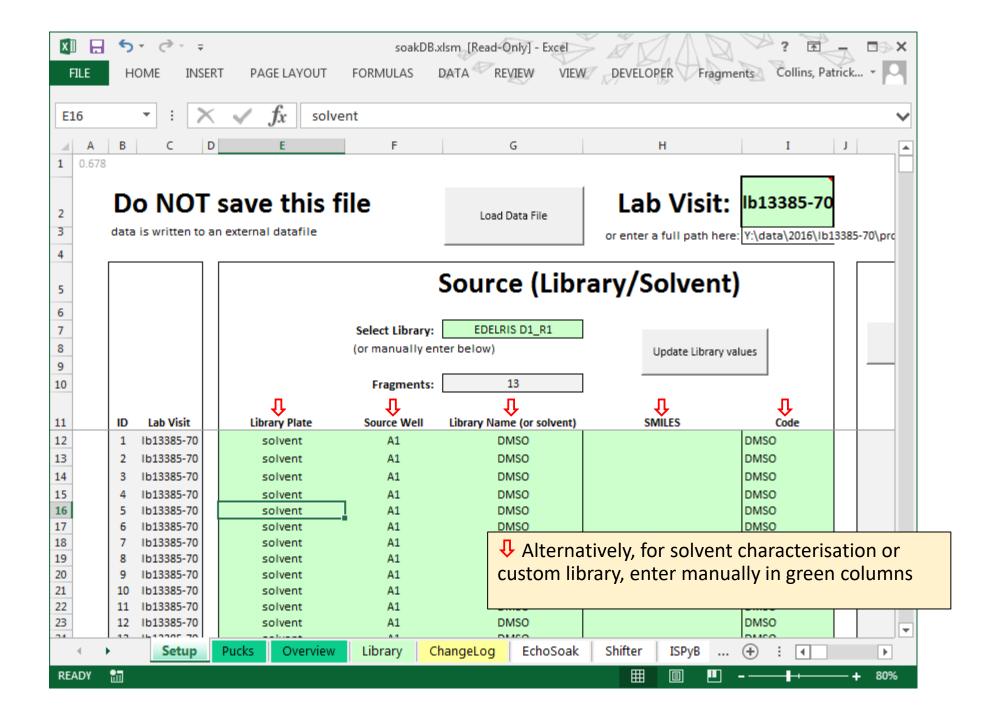


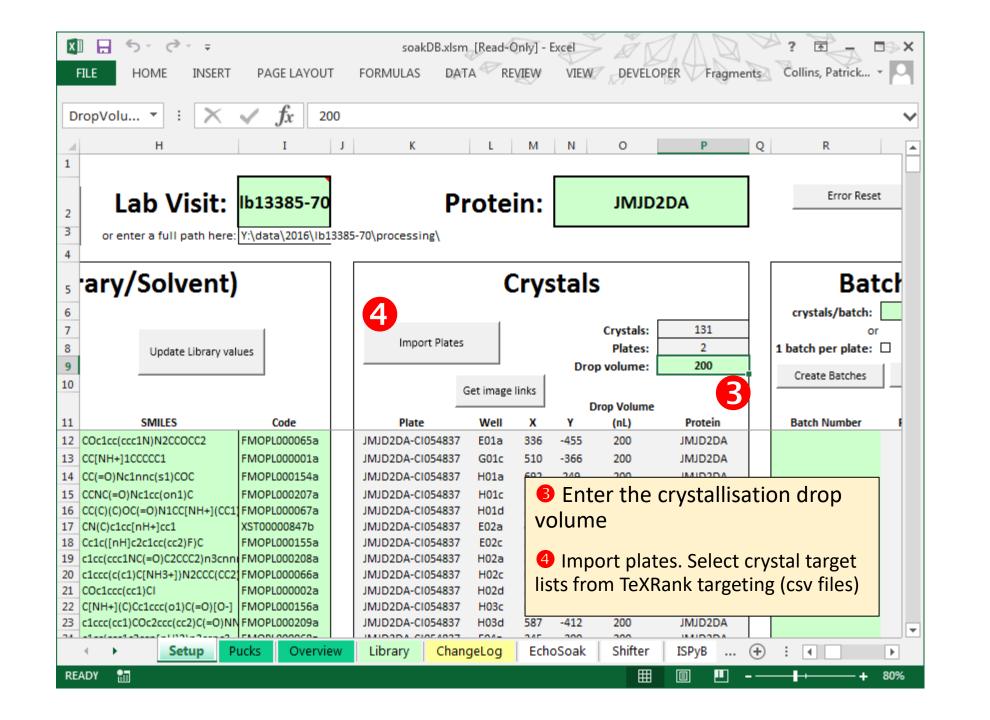
#### **SoakDB**

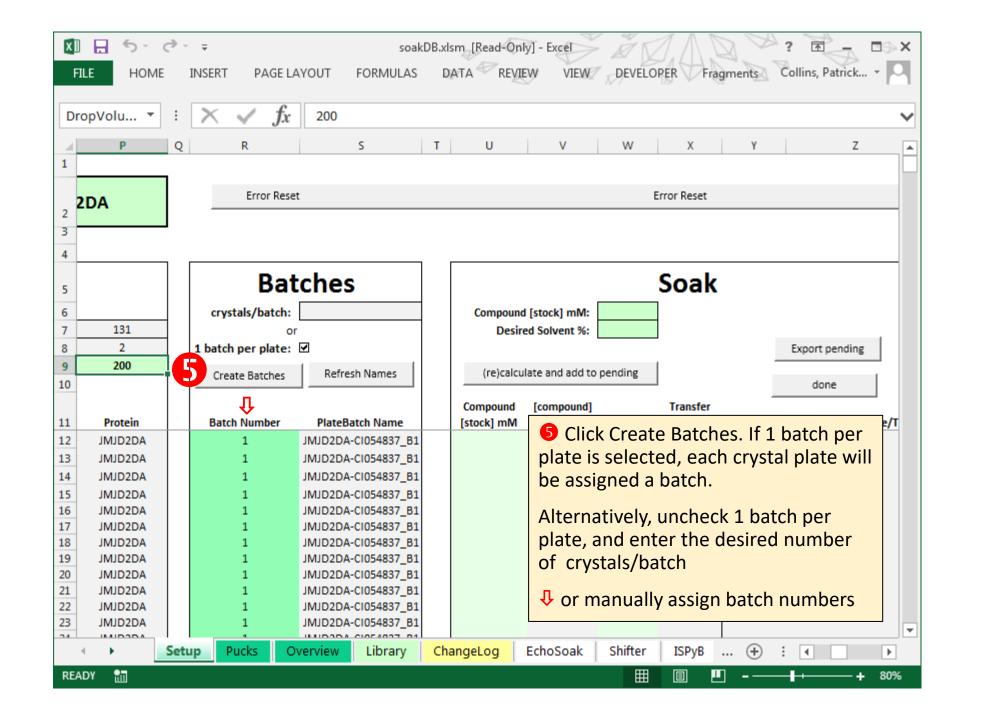


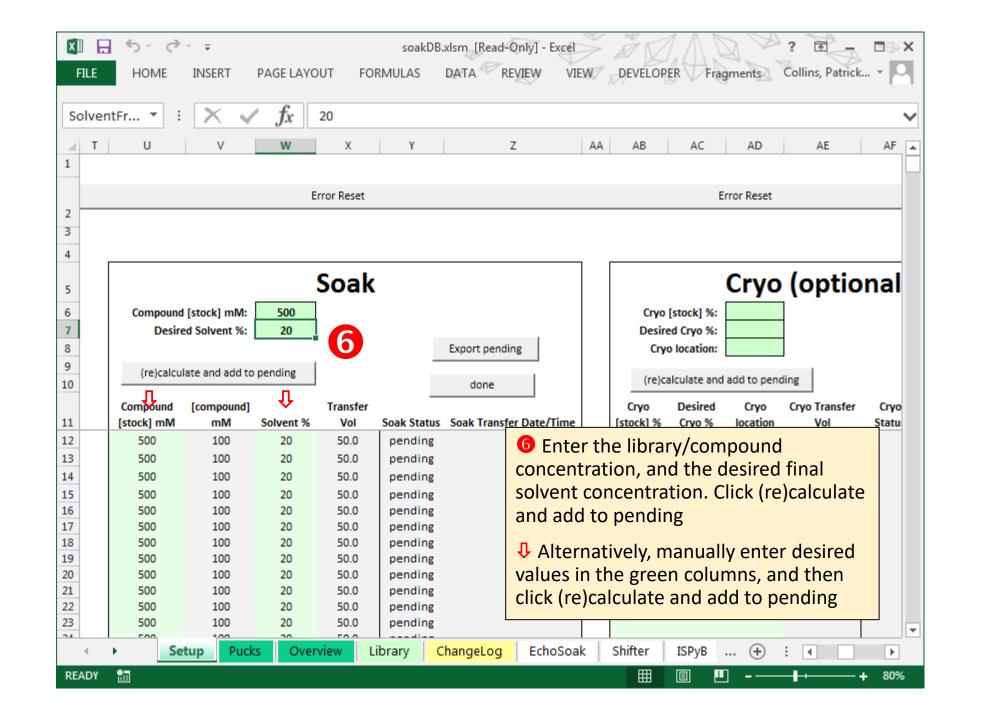


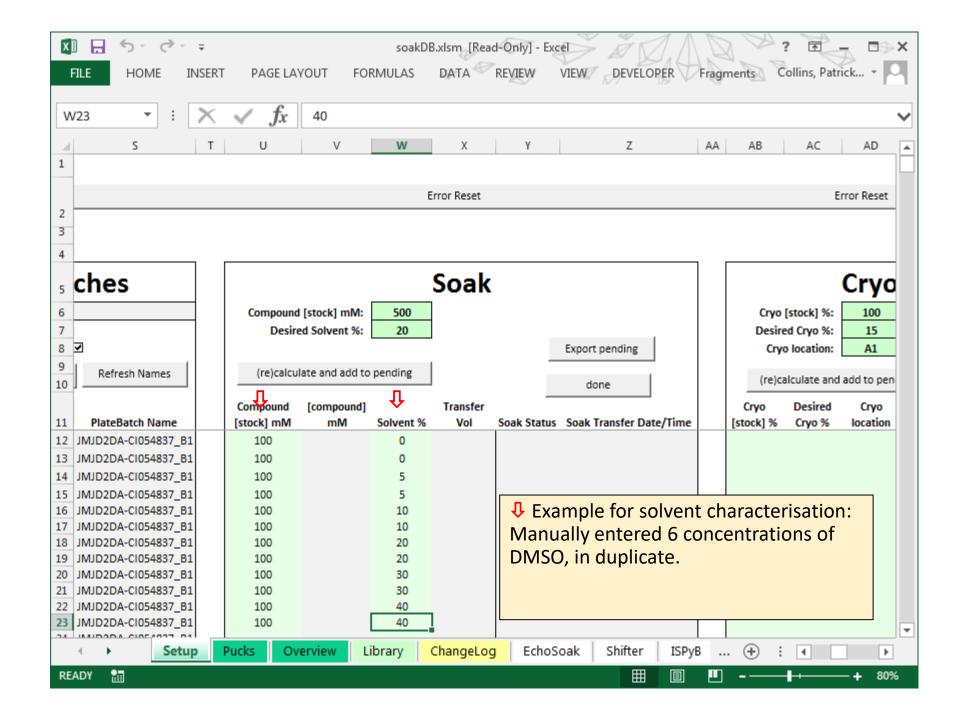


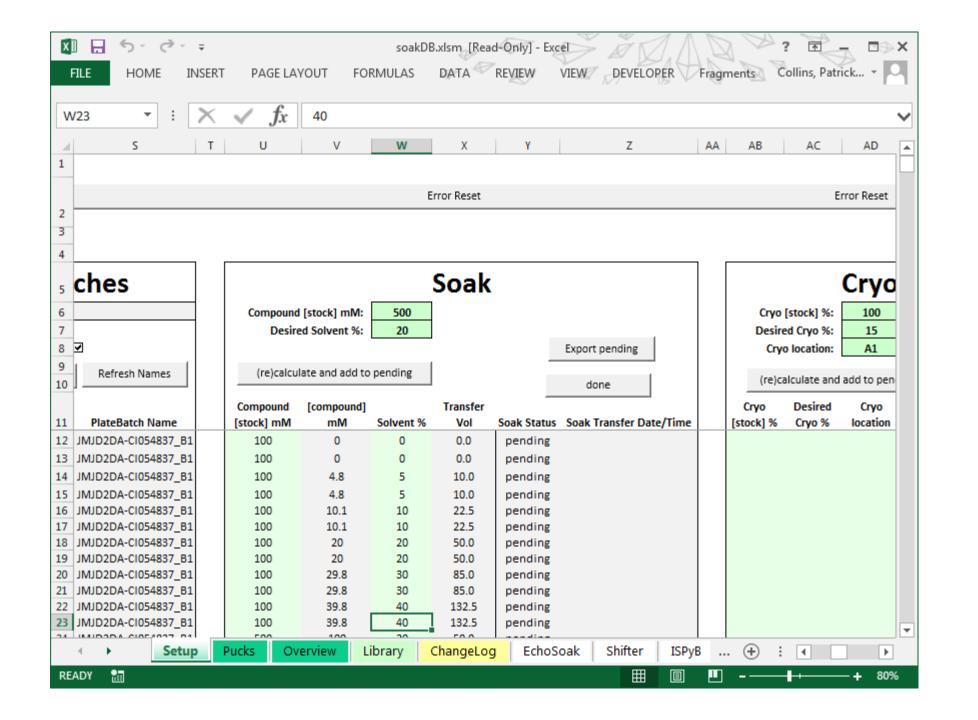


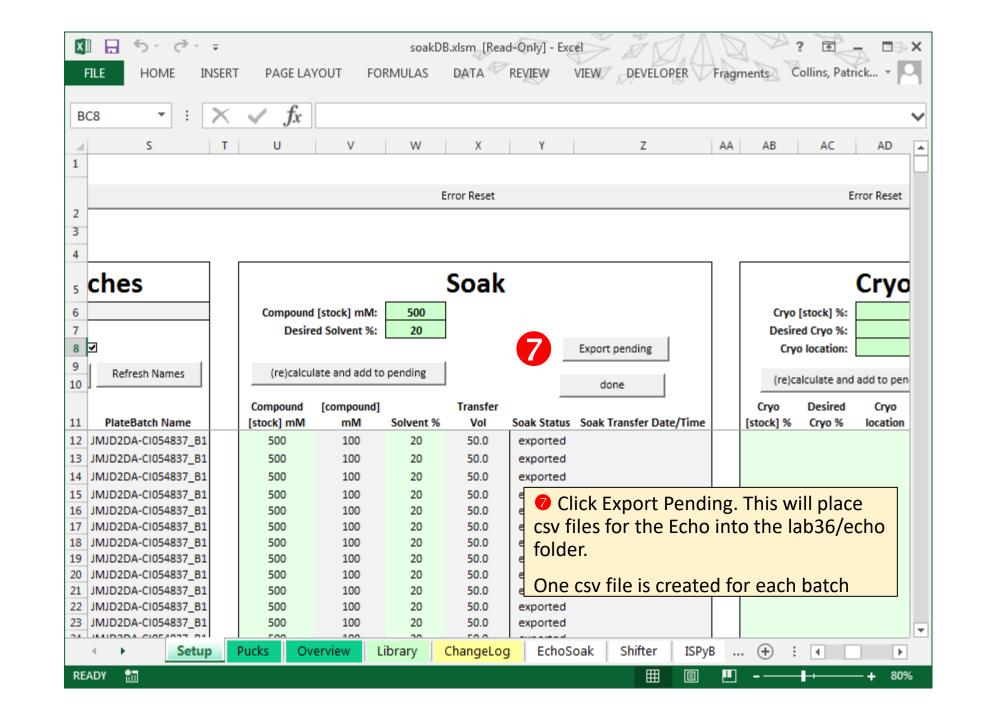






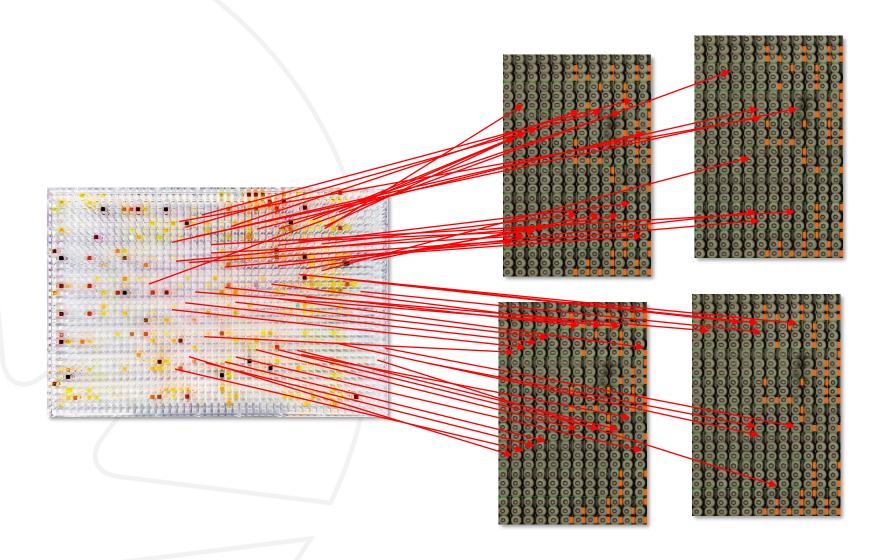




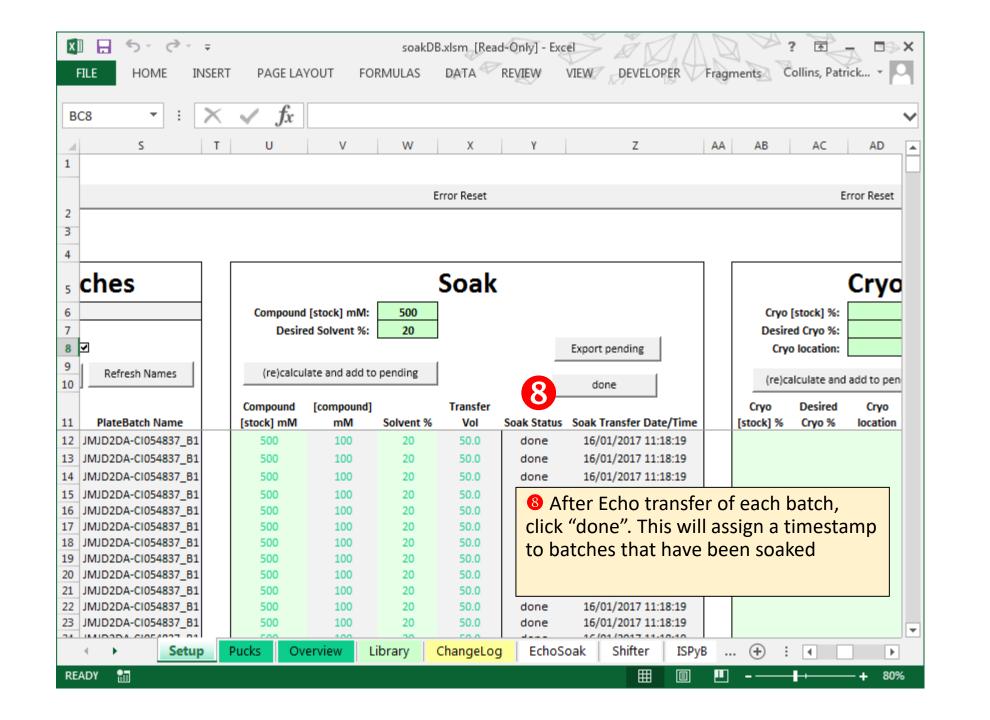


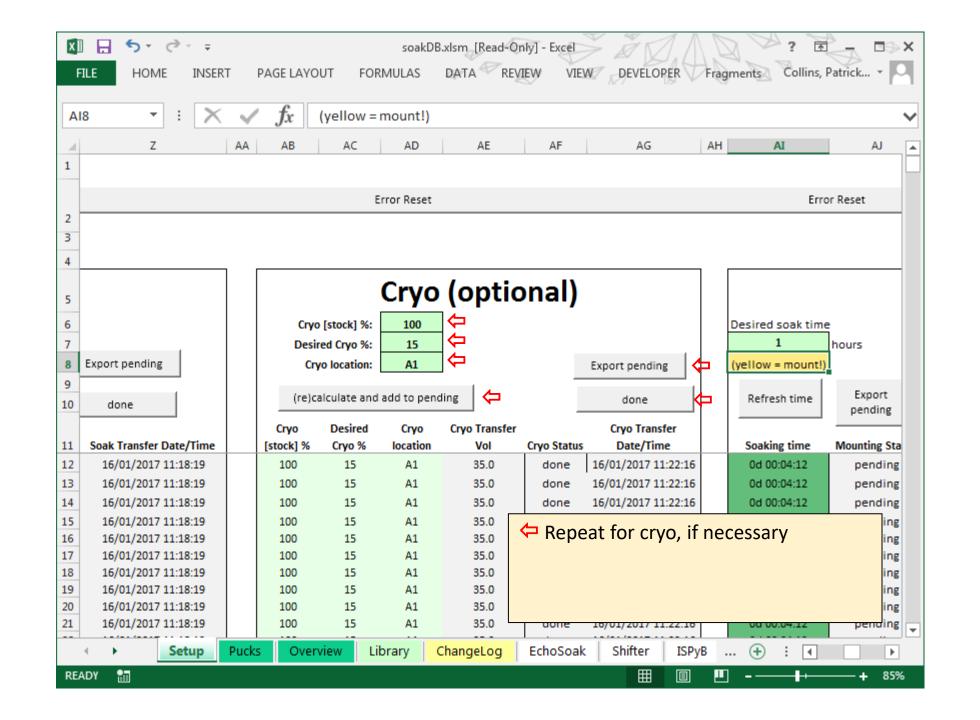
## Soak crystals!

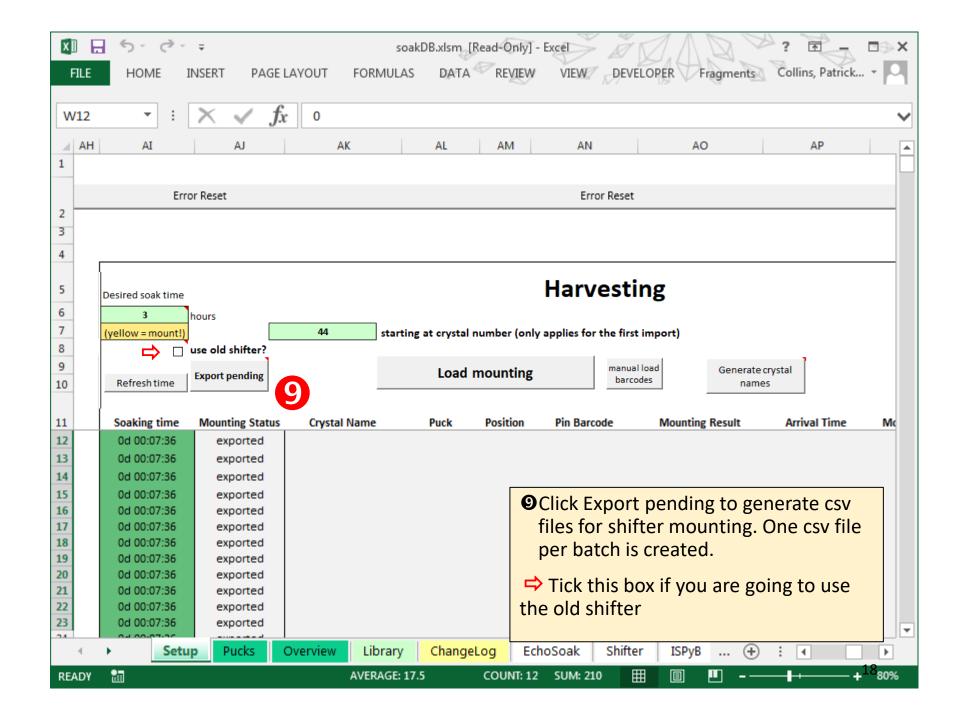






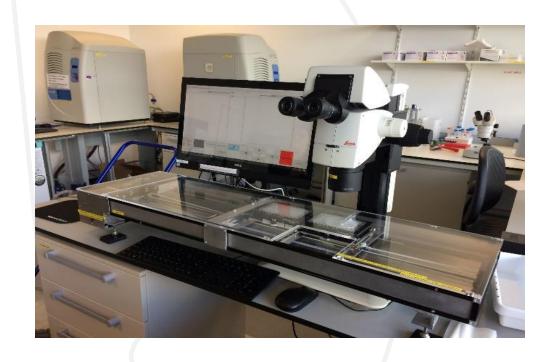




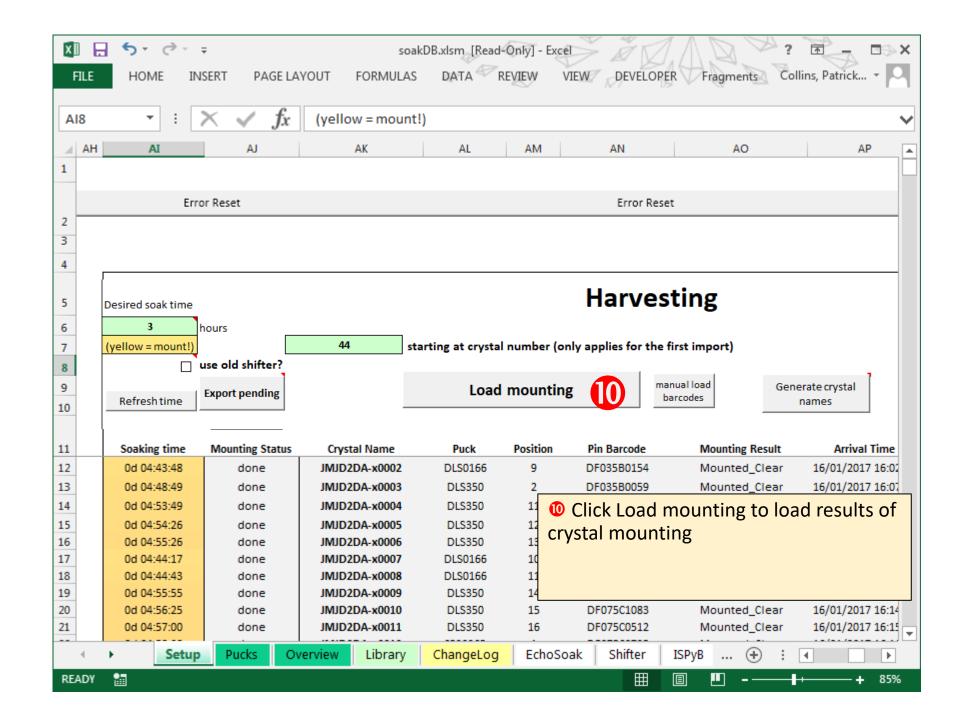


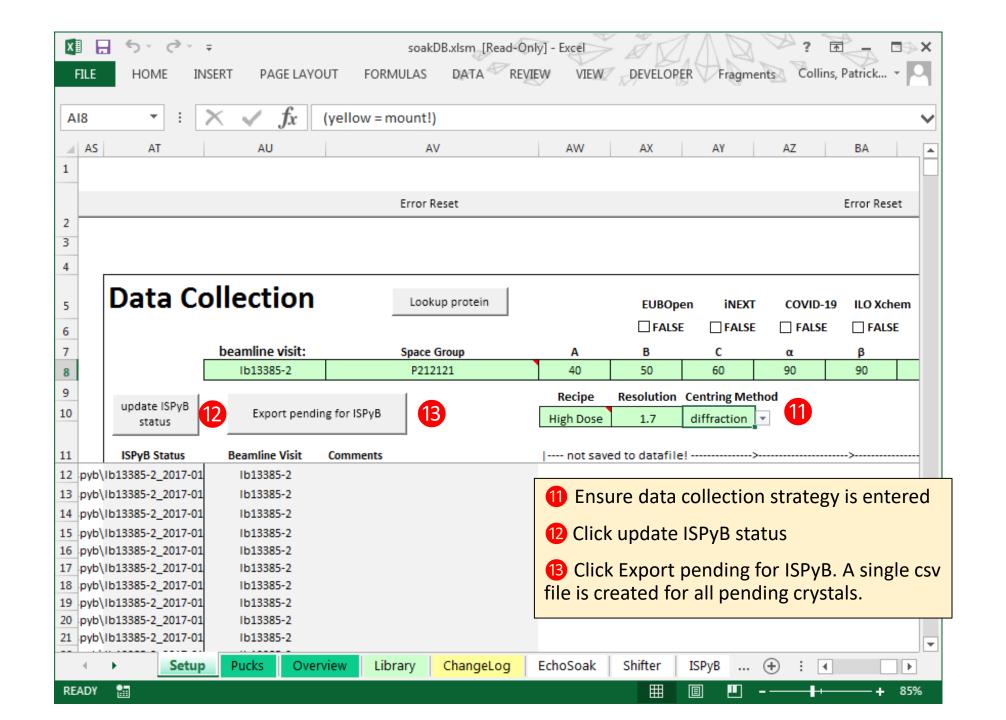
# **Mount Crystals!**



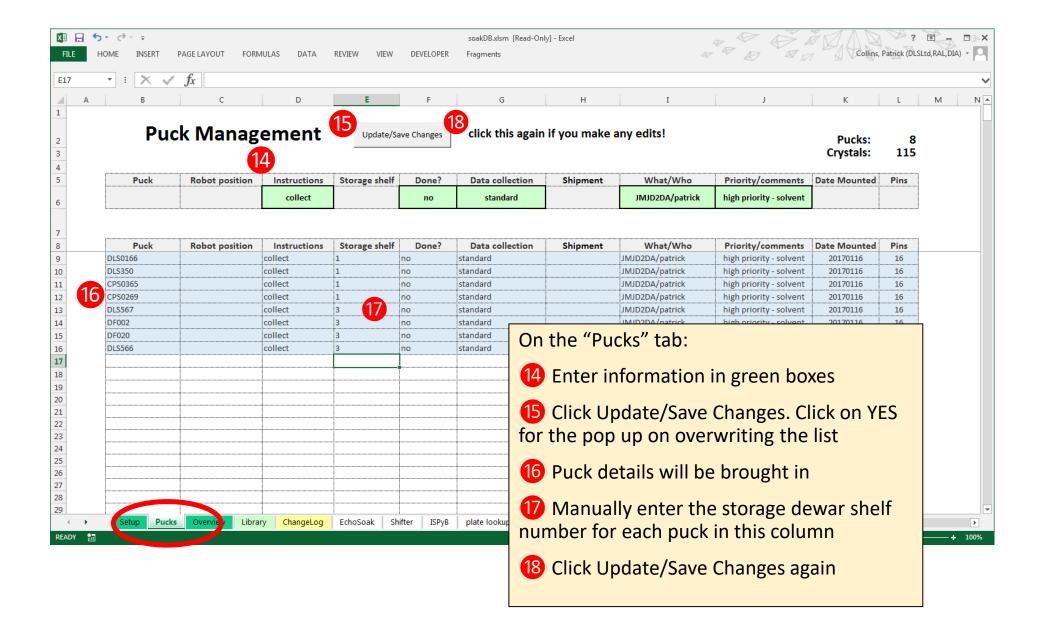








#### **Puck Management**



### CSV2ISPyB



- Run script
  - Open PuTTY and connect to ssh.diamond.ac.uk
  - Navigate to the visit directory (/dls/labxchem/data/PROPOSAL/VISIT/processing/lab36/ispyb
  - Execute 'csv2ispyb PROPOSAL\_TIMESTAMP.csv'
  - Wait until the upload is finished, and check that no error messages occur
- Check ISPyB for newly created 'shipment'
- Add pucks to <u>XChemQueue</u>

