ROWAN

Rowan Patents Drafting
Life and Material Sciences
Large Molecule Support

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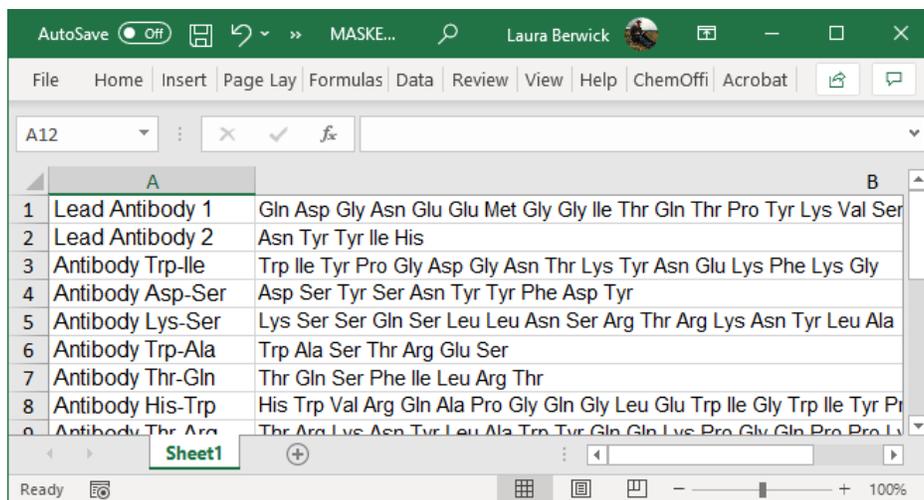# Accessing Life and Materials Sciences Features

Rowan drafting features supporting patent applications in the fields of life and material sciences, such as chemistry, pharmaceuticals, and biotechnology, are not currently available as part of our general Rowan Patents drafting release, but can be provided to users interested in helping us exercise and improve functionality designed for these fields. If you or your colleagues want to learn more about our life and materials science features and perhaps become beta-testers, please contact Tracy Campbell at tcampbell@rowantels.com.

This document focuses on features we've designed to support these particular fields of invention. Information on Rowan Patents drafting's general functionality is available in the Rowan Patents Drafting Complete User Manual.

Sequence Management

Importing Sequences from a Spreadsheet

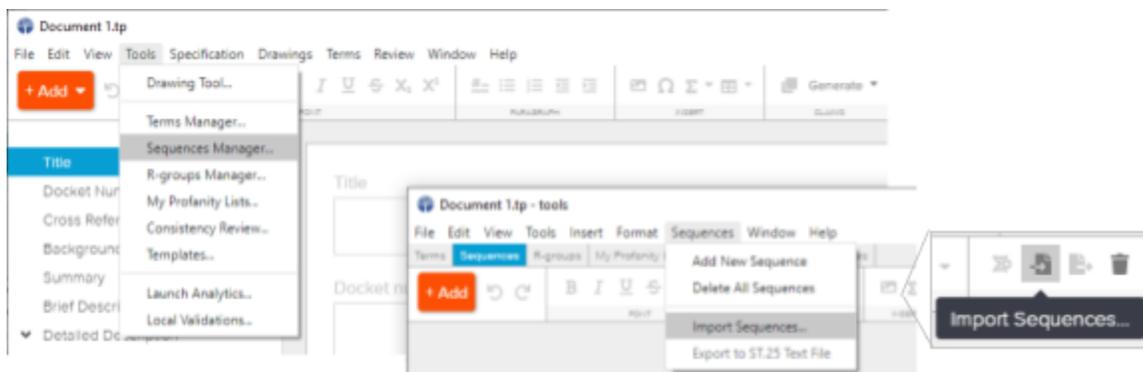1. Collect your sequences in an .xlsx spreadsheet, with short, memorable names in column A and the sequence contents in column B.
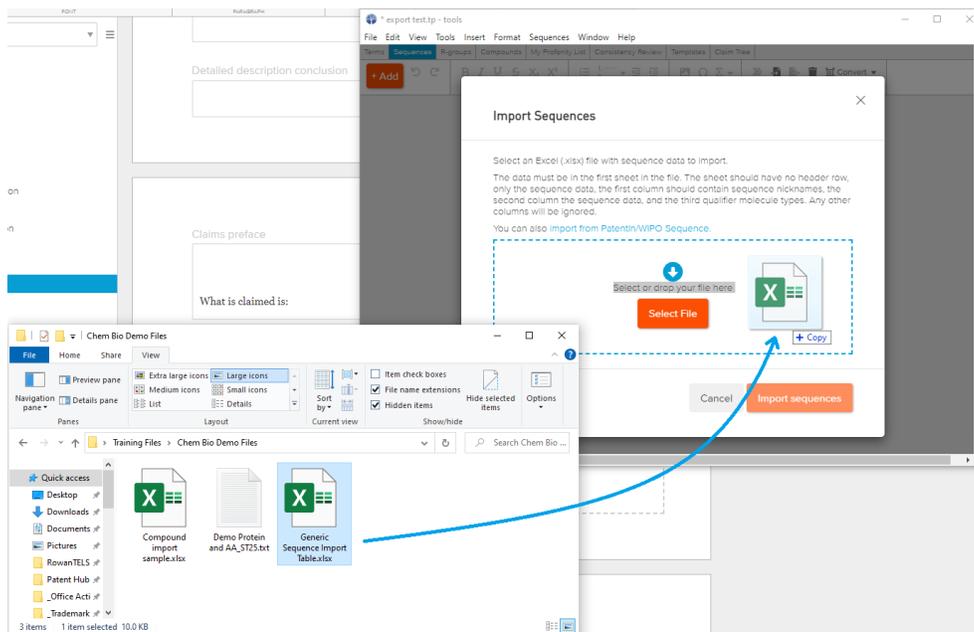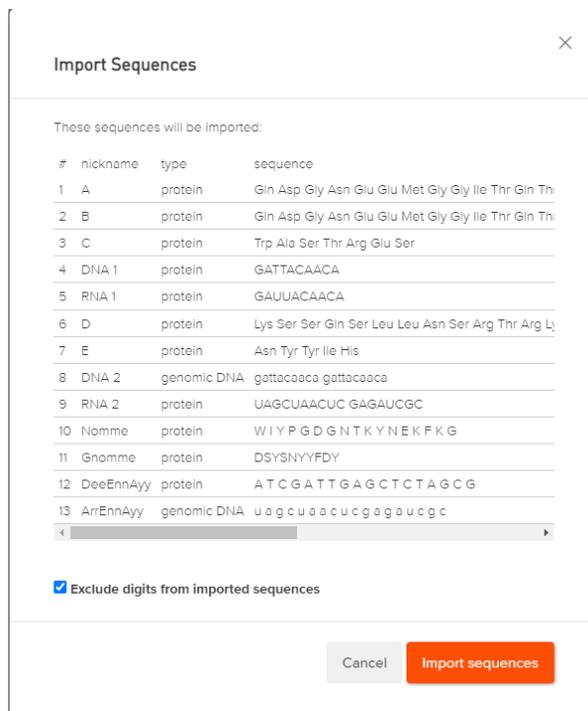

2. Open the Sequence Manager under the Tools menu and select Import Sequences… from the Sequences menu in the Sequence Manager or the Import Sequences button in the Sequence Manager Toolbar.

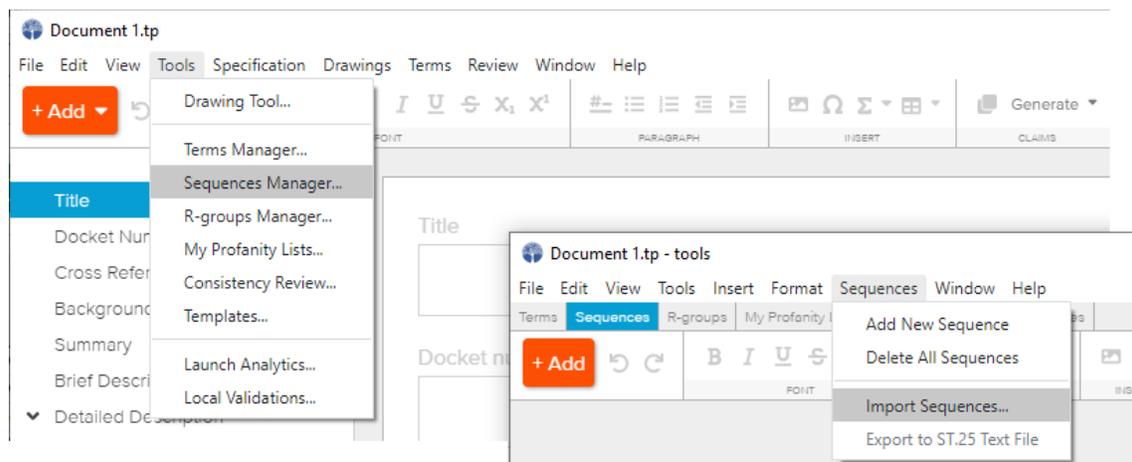3. Drag your sequence spreadsheet onto the import dialog.

4. Review your imported data and confirm or cancel the import.

➢ Numbering is automatically assigned for use in SEQ ID NO labels.

Importing Sequences from an ST.25 Text File

1. Open the Sequence Manager under the Tools menu and select Import Sequences… from the Sequences menu in the Sequence Manager.

2. Select the "import from PatentIn/WIPO Sequence" option.

Import Sequences

Select an Excel (.xlsx) file with sequence data to import.

The data must be in the first sheet in the file. The sheet should have no header row, only the sequence data, the first column should contain sequence nicknames and the second column the sequence data. Any other columns will be ignored.

The imported sequences will be appended to the end of the existing list of sequences.

You can also import from PatentIn/WIPO Sequence.

Select or drop your file here
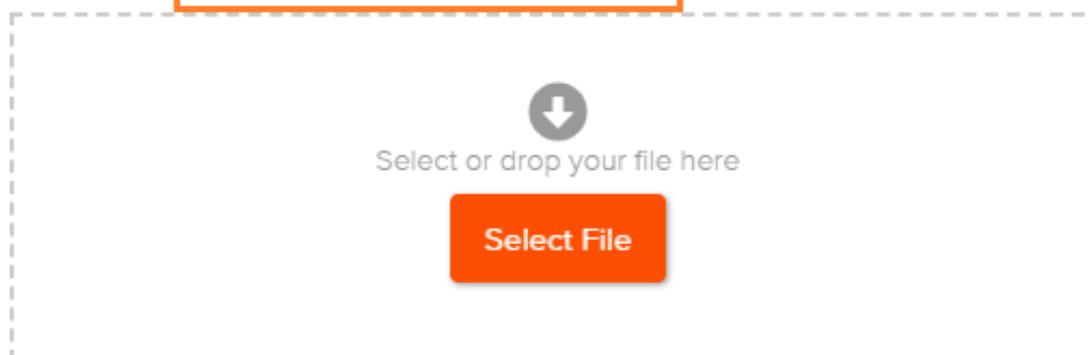
Select File

3. Paste text into the top field or drag and drop a .txt file into the dialog provided.

4. Click the Import sequences button.

Adding an Individual Sequence

1. To add an individual sequence, open the Sequences Manager, and click the +Add button..

2. Enter a nickname for the sequence.

3. Select a molecule type and qualifier molecule type from the options provided.

4. Click the Save button.

5. Type or paste the contents of your sequence into the field provided in the Sequence Manager window.
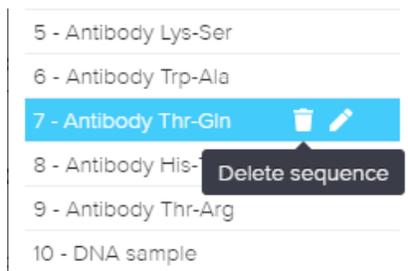

6. Click the flag icon to the upper right to flag and unflag lead sequences.

➢ Flagging a sequence does not add data to any exported application files, but allows identification of important sequences within Rowan drafting for future reference.

Deleting a Sequence

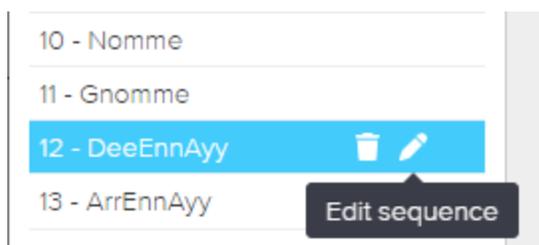1. To delete a sequence, click the trash bin icon in the listing to the left.
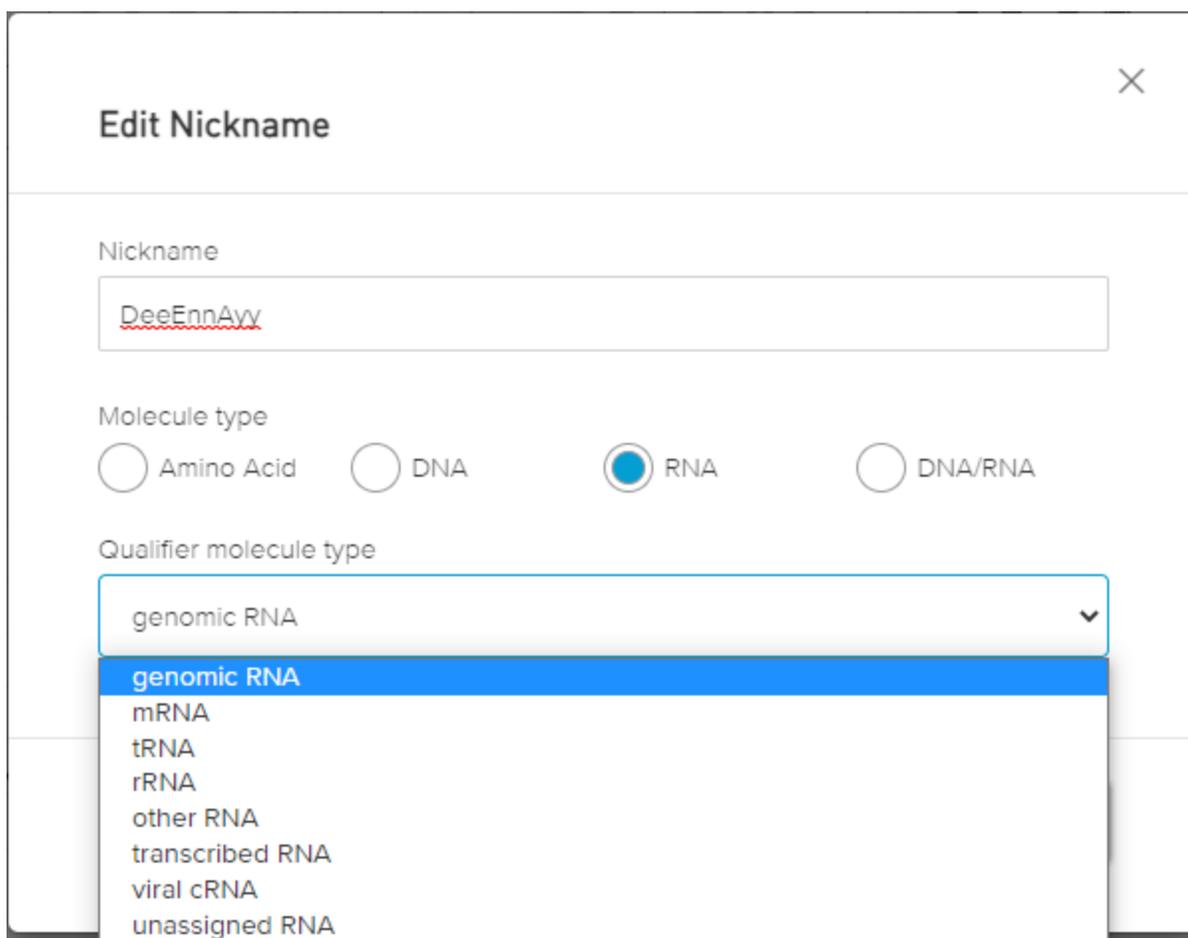

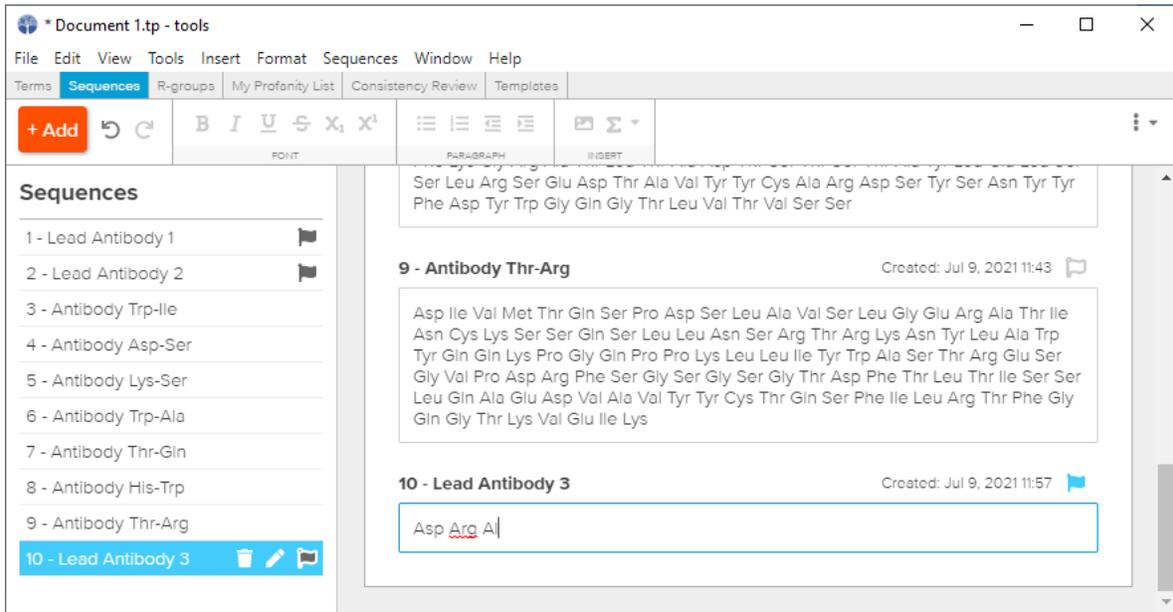2. Confirm deletion in the resulting dialog.
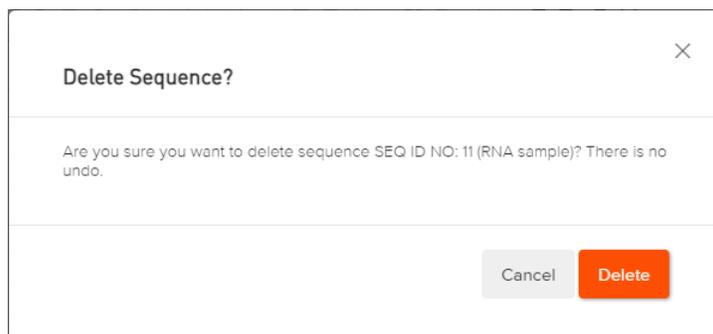
Editing a Sequence

1. To edit the sequence nickname, molecule type, and qualifier molecule type, click the pencil icon next to the sequence listing to the right.

2. Make the desired updates in the dialog provided.

3. To edit sequence data, edit the text directly in the Sequence Manager field provided.

4. To change the numbering and order of sequences, drag and drop sequences into the desired order in the left-hand listing.
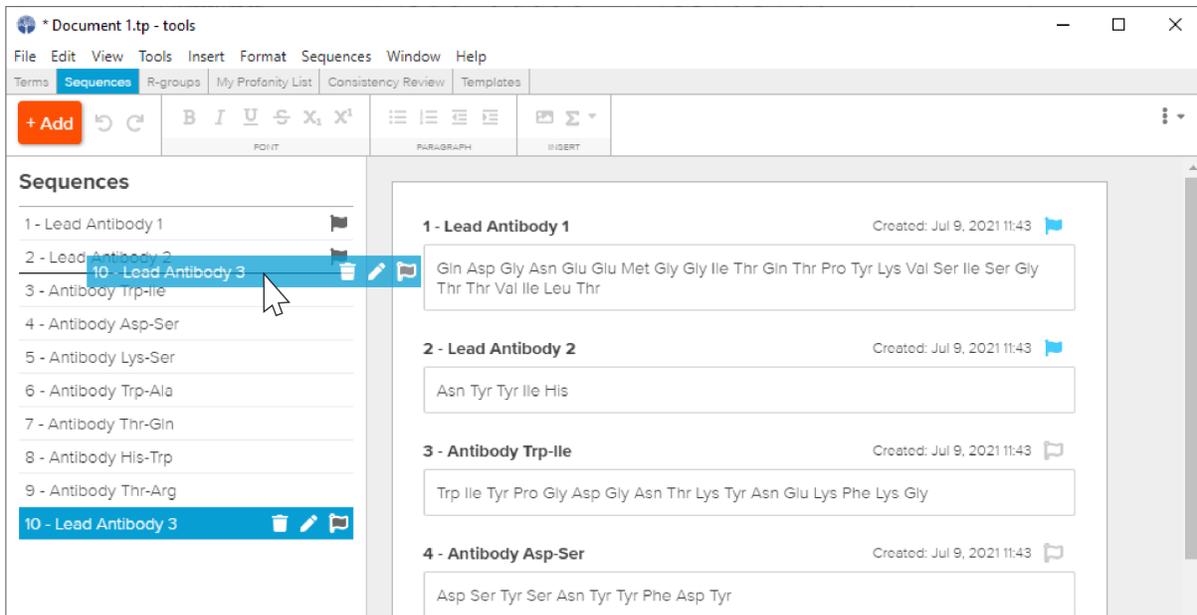
➢ Any changes made to sequence name and numbering will be automatically updated throughout the application where used to reflect your changes.

5. Click the flag icon to the upper right to flag and unflag lead sequences.

➢ Flagging a sequence does not add data to any exported application files, but allows identification of important sequences within Rowan drafting for future reference.

Inserting Sequence Information into an Application

Sequence ID labels can be added using a typing shortcut. Type "seq" followed immediately by the sequence number and type space. The entered text will be replaced by the sequence ID tag having the typed number.
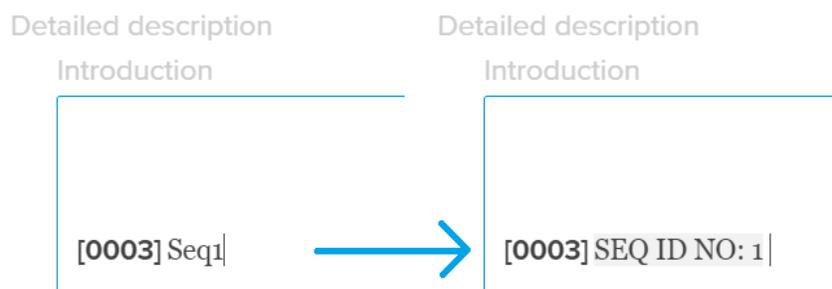
Insert a sequence nickname by typing the start of the name and selecting the desired option from the dropdown, or finish typing the nickname, hit space, and the nickname will be tagged.
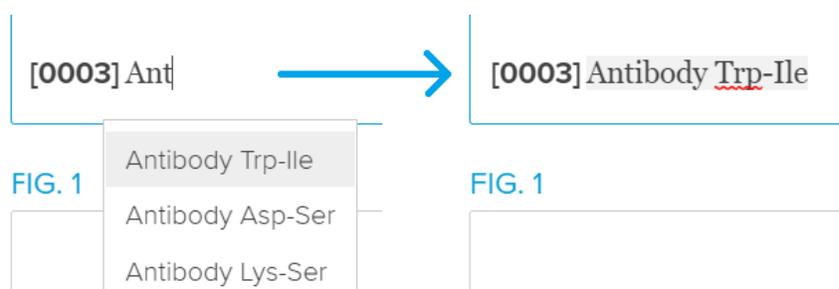
➢ Sequence ID labels are also available in the autocomplete menu.

SEQ ID labels, nicknames, and full sequences can be inserted using the right-hand sidebar.

1. Expand the sequence panel in the right-hand sidebar by clicking the icon on the right side of the drafting window.
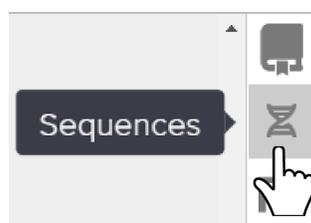
2. Click the "SEQ ID" label to insert the label.
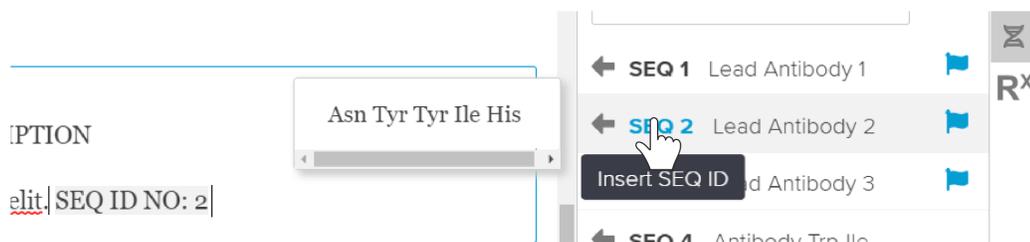
3. Click the nickname to insert the nickname.
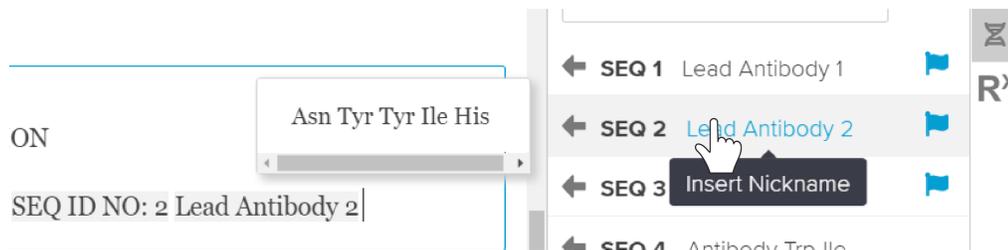
4. Click the arrow to insert the full sequence.
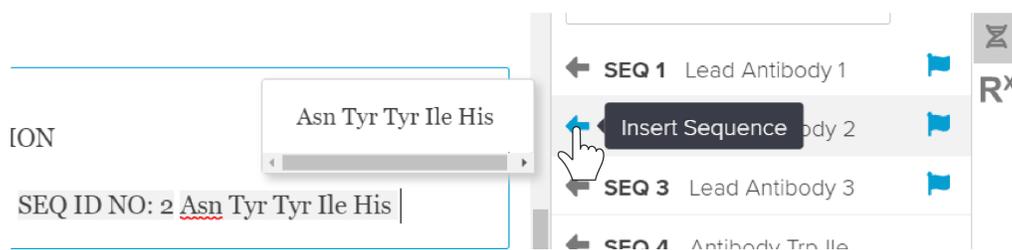
Consistency Review

1. Select "Consistency Review" in the Tools menu, and click the Sequences tab.
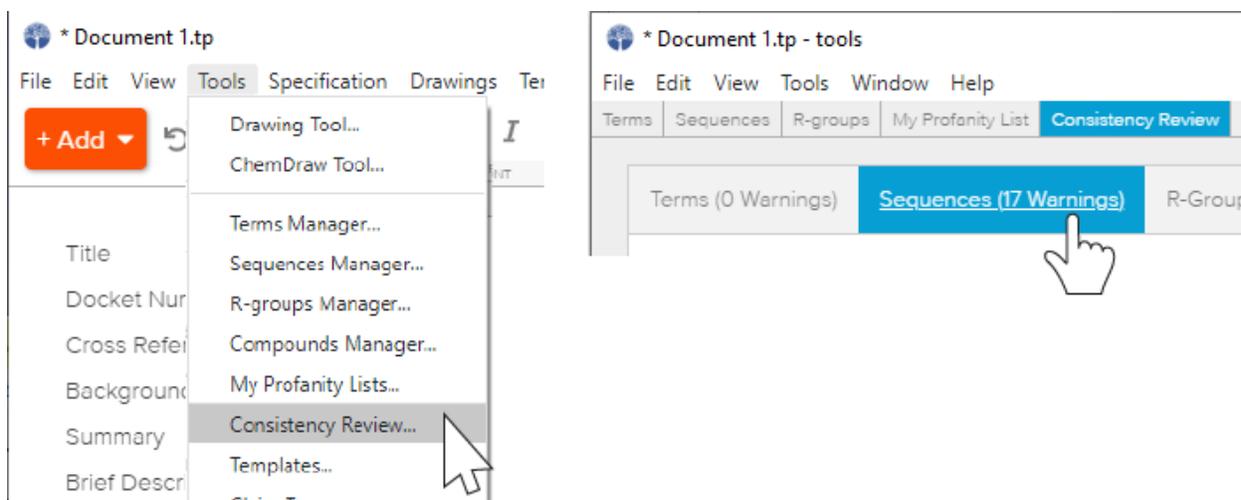
2. Review presence of sequences in claims and spec as needed.

Export to ST.25 or ST.26 Format

ROWAN PATENTS DOES NOT INTEND TO PRODUCE A SEQUENCE LISTING THAT IS READY-TO-FILE WITH THE USPTO. OUR EXPORTED FILE SHOULD BE IMPORTED INTO THE PATENT IN TOOL TO PREPARE A READY-TO-FILE LISTING.

1. Select the Sequences Manager from the Tools menu.

2. Select "Export to ST.25/ST.26" from the Sequences menu.
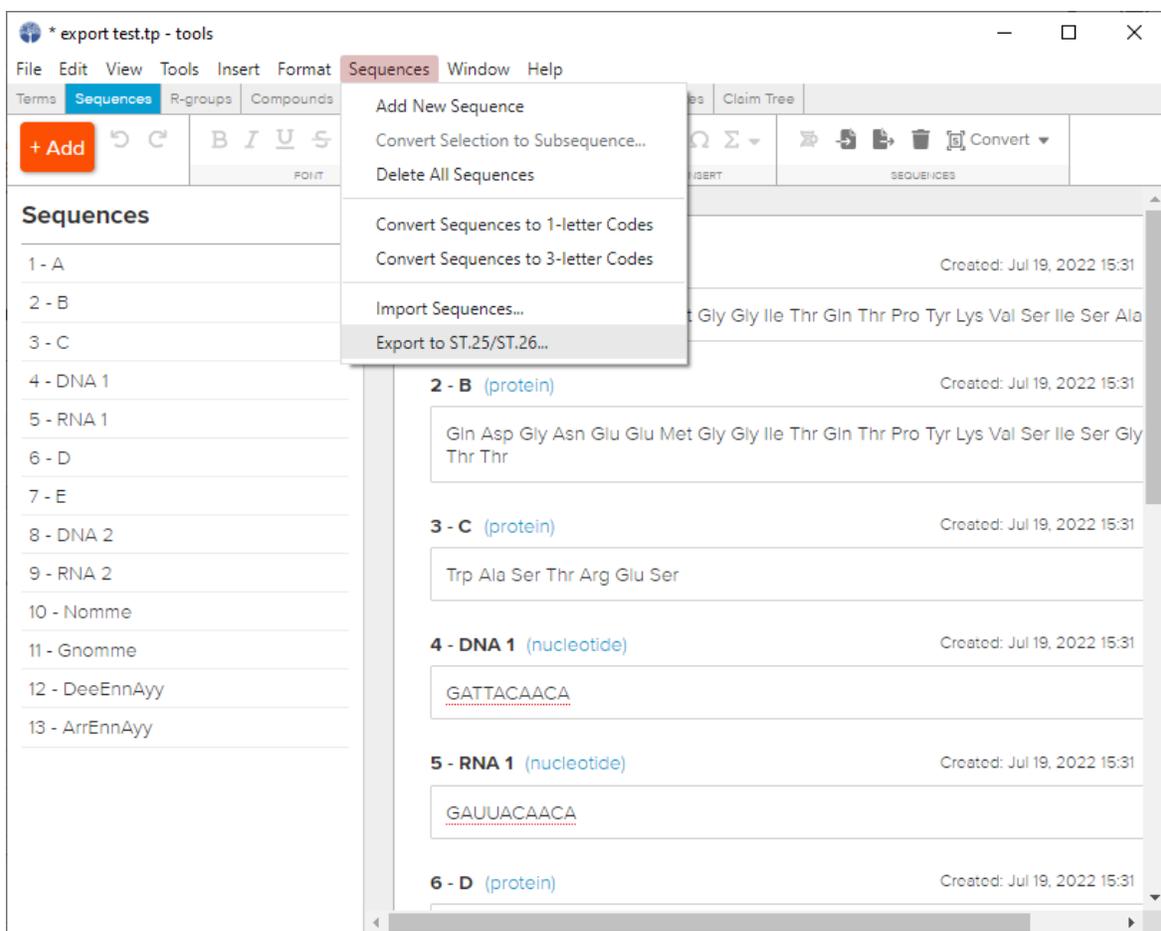
3. Click the desired button for Export to ST.25 or Export to ST.26 in the warning window and save your file in the dialog provided.

➤ **The warning window provides a notice similar to that at the top of this section, and the default filing name includes "Not for Filing" or similar text. We recommend when naming this file you preserve this warning to prevent mistakes at time of filing.**

Ranges and Combinations

Inserting Number Ranges

1. Select "Insert" and "Range…" from the Specification menu in the main drafting window.
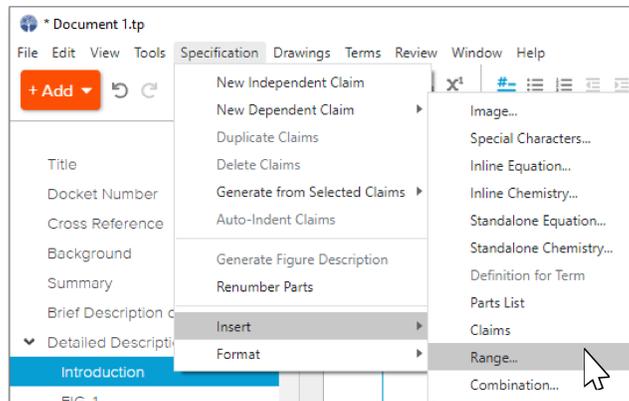
2. Enter the desired parameters. Click Generate to view a preview. Click Insert to place the range(s) created at your cursor location.

➢ The text generated for preview can be directly edited in the preview field if desired before inserting.

3. To modify the template used to construct the text containing the ranges you create, select "Templates" from the Tools menu.
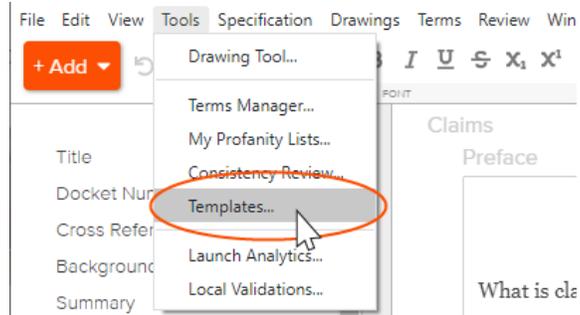
4. Scroll down to the Range section (or click the Range listing in the left-hand sidebar), and make the desired changes to your template.
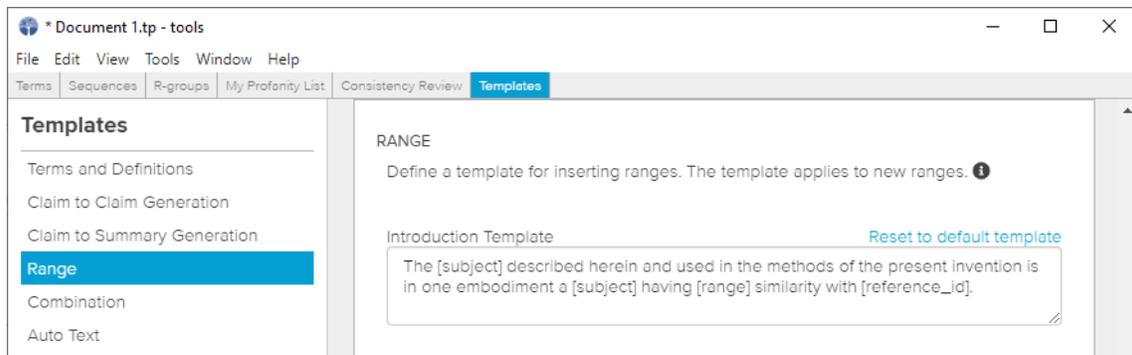
➢ Modified template text will be stored as part of your user set up. Changes made in one application will be reflected across newly inserted ranges in all applications.

➢ Ranges that have already been inserted will not be updated by template changes.

Inserting Combinations of Items

1. To create and insert a set of combinations of items, select "Insert" and "Combination…" from the Specification menu in the main drafting window.
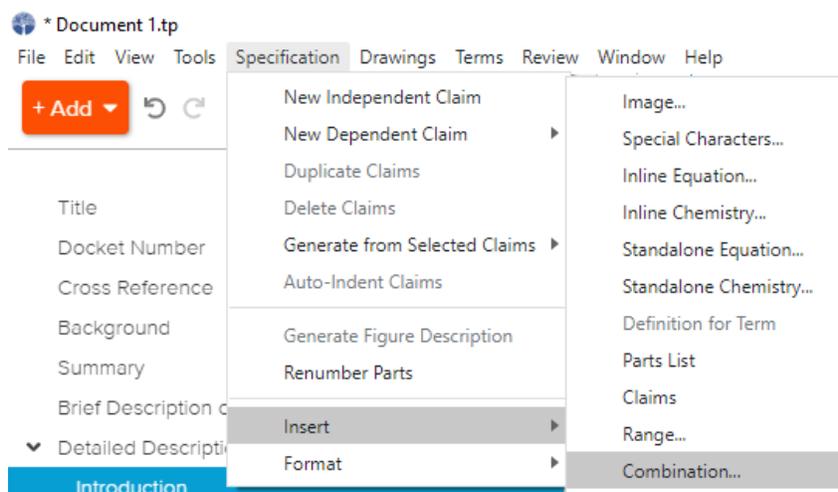
2. Include a subject comprising the combined items, include a list of items, define the parameters of your desired combinations, and click Generate to see a text preview.

3. Review your text preview, and click Insert to place the generated text at your cursor location.

Insert Combination

Subject

invented compound

Enter or paste a list of items, one per line.

Items	must include
Item A	☐
Item B	☐
Item C	☑
Item D	☑
Item E	☐
Item F	☐

Combination Size (select one or more)

1 2 3 4 **5** 6 7

Separator

,

Preview   Generate

The invented compound may comprise at least one of Item A, Item B, Item C, Item D, Item E, Item F, Item G. In one embodiment, the invented compound includes Item A, Item B, Item C, Item D, Item E. In one embodiment, the invented compound includes Item A, Item B, Item C, Item D, Item F. In one embodiment, the invented compound includes Item A, Item B, Item C, Item D, Item G. In one embodiment, the invented compound includes Item A, Item C, Item D, Item E, Item F. In one embodiment, the invented compound includes Item A, Item C, Item D, Item E, Item G. In one embodiment, the invented compound includes Item A, Item C, Item D, Item F, Item G. In one embodiment, the invented compound includes Item B, Item C, Item D, Item E, Item F. In one embodiment, the invented compound includes Item B, Item C, Item D, Item E, Item G. In one embodiment, the invented compound includes Item B, Item C, Item D, Item F, Item G. In one embodiment, the invented compound includes Item C, Item D, Item E, Item F, Item G.

Hint: To edit the boilerplate text go to the menu "Tool/Templates" or click here.

Cancel   Insert

4. To modify the template used to construct the text containing the combinations you create, select "Templates" from the Tools menu.
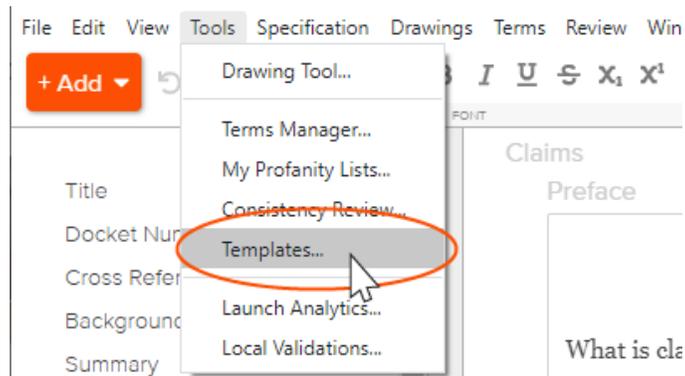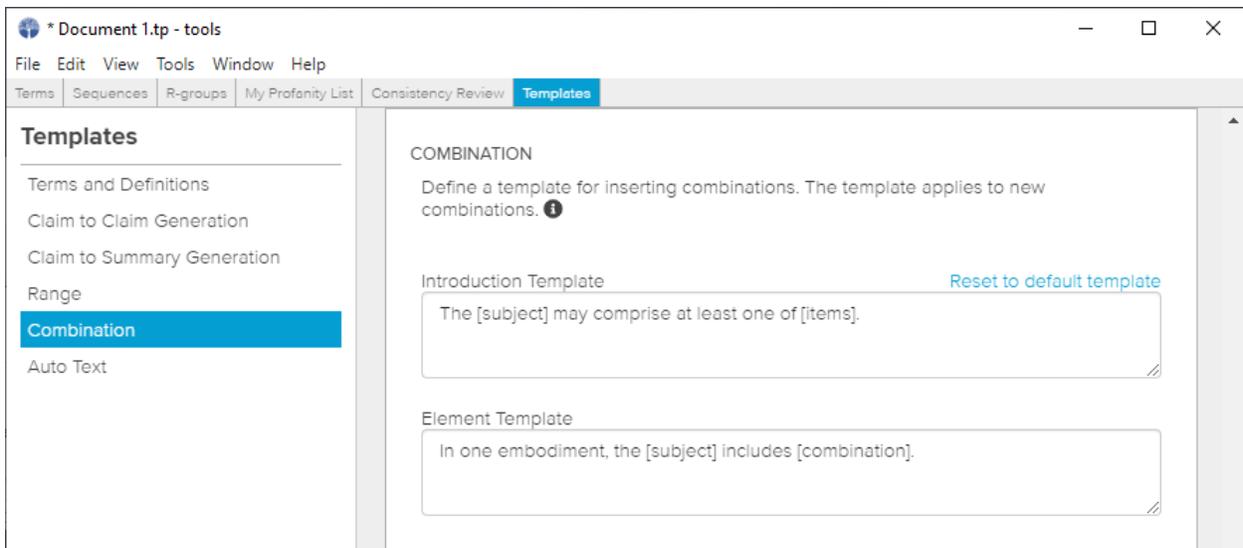

5. Scroll down to the Combination section (or click the Combination listing in the left-hand sidebar), and make the desired changes to your template.


➢ Modified template text will be stored as part of your user set up. Changes made in one application will be reflected across newly inserted combinations in all applications.

➢ Combinations that have already been inserted will not be updated by template changes.
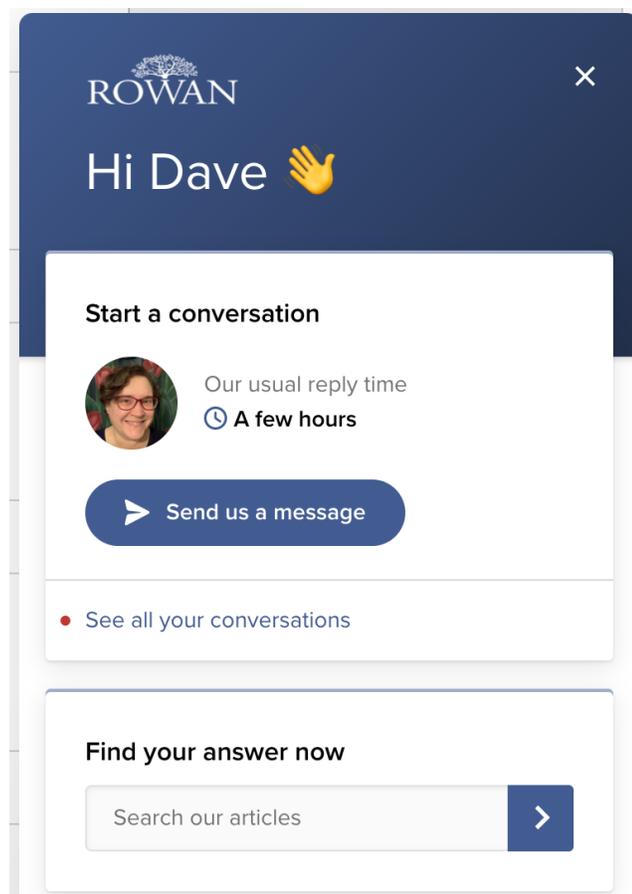
Support and Feedback

You can use our in-tool Help interface to search or browse our support articles or contact us with questions and feedback.

1. Click on the Help menu item and select Rowan Patents Help...
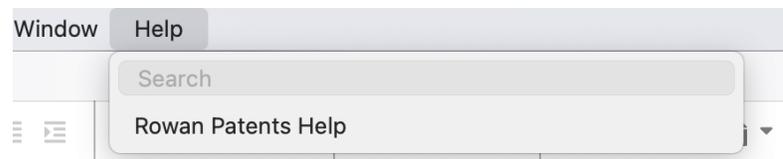
2. This invokes a panel in which you can send us a message, or search for answers in our support articles.

➢ Several Rowan product team members monitor the chat and will respond at least by the next business day, and typically within a couple of hours.