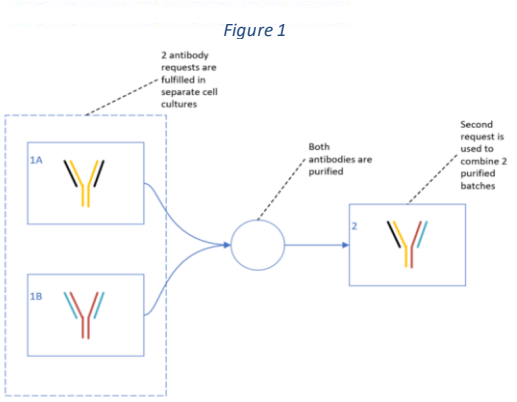
CREATE MULTI-SPECIFIC COMPLEXES FROM MULTIPLE PPBs

Quick Reference Sheet Version 1.0 April 2024

User Story

Purification Team combines multi-antibodies (2 antibodies for this example) to generate a single antibody (Figure 1).

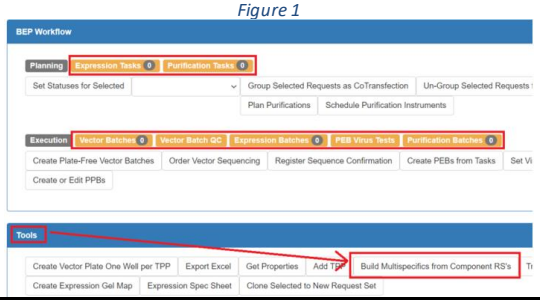
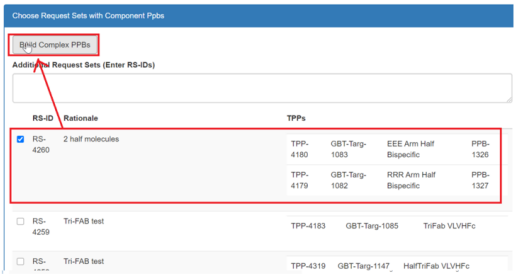
Figure 1

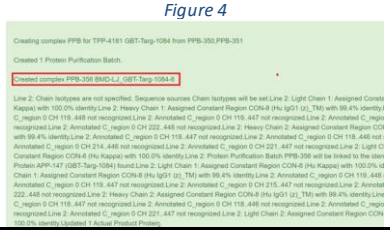
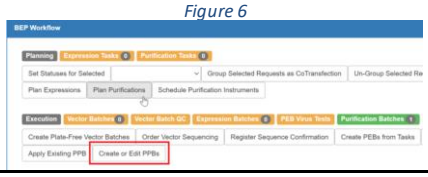
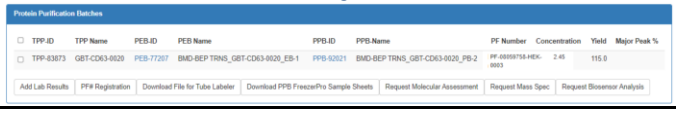
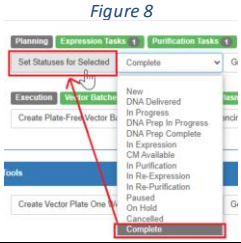
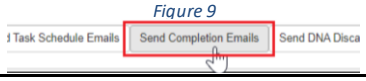


Pre-condition

- 2 antibodies to combine have been created with PPB IDs
- RS containing a bispecific TPP has been submitted.

How to combine multi-antibodies

1	Find appropriate Request Set • Cambridge: https://gdbio.pfizer.com:8092/gdbxt/requestSet/bepTrnsHome?protPrdctGrp=BMD-BEP+TRNS • La Jolla: https://gdbio.pfizer.com:8092/gdbxt/requestSet/bepTrnsHome?protPrdctGrp=BMD-LJ
2	Provided the RS contains just a single RQ for the multi-specific antibody, the BEP Workflow section should all be in orange. Select "Build Multi-specifics from Component RS's" (Figure 2). *Figure 1* 
3	Choose appropriate RS(s) to build the complex and select "Build Complex PPBs" (Figure 3). *Figure 3* 

4	If valid PPBs were combined, the system will provide a message in green background with a new PPB ID (Figure 4). *Figure 4* 
5	Upon returning to the RS page, newly created PPB will appear in the PPB table (Figure 5). *Figure 5* 
6	Select "Create or Edit PPB" to access PPB Editor (Figure 6). *Figure 6* 
7	Select "Save Edits".
8	Provide appropriate PPB data, including QC and concentration data. Select "Save Edit" whenever update is done.
9	When it is ready to register to generate PF ID, select "Generate PF#s for Selected…"
10	Provide registration details and select "Register PPBs".
11	In the RS's PPB table, various functions are available to add additional data. *Figure 7* 
12	If the given TPP (or its PPB) production is complete, go to its RS page, update its status by selecting "Complete", and select "Set Statuses for Selected" (Figure 8). *Figure 8* 
13	To notify the stakeholders about the completion, go to Production page (from Step 1), select RS page, and select "Send Completion Emails" (Figure 9). *Figure 9* 
14	Completion email will be sent to appropriate stakeholders (Figure 10). *Figure 10*