CREATE PROTEIN EXPRESSION BATCH: PEB

Quick Reference Sheet Version 1.0 April 2024

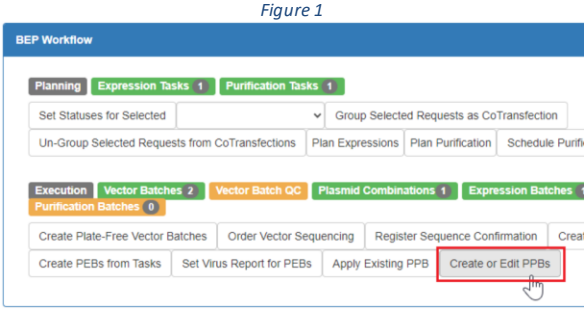
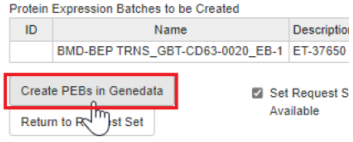
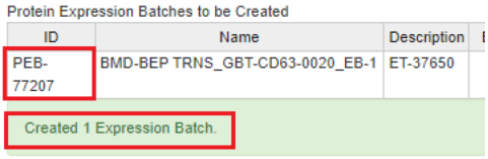
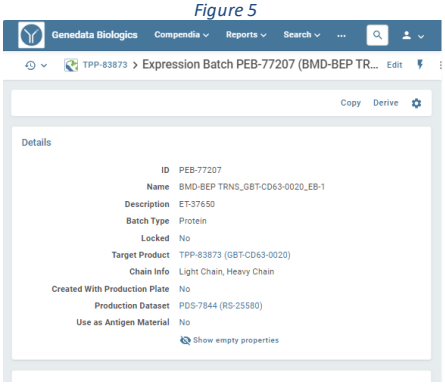
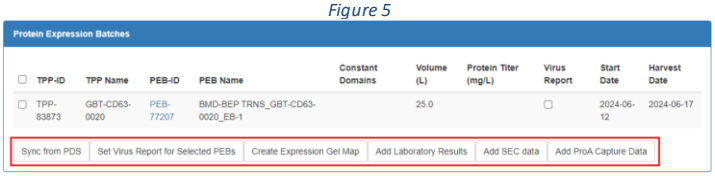
User Story

Protein Expression Team has its Expression Task(s) (ET) and would like to register the expression batch(es) (PEB).

Pre-condition

- Expression Task (ET) was created for the given TTP.
- Plasmid Batch(es) (VB(s)) were created/selected against the given ET.

How to create Protein Expression Batch (PEB)

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	In the given Request Set page, upon selecting "Create or Edit PPBs" (Figure 1). PPB Editor will load. *Figure 1* 
3	At first, select "Save Edits" to generate PPB ID(s) (Figure 2). *Figure 1* 
4	Select "Create PEBs in Genedata" to create PEB (Figure 3). *Figure 3* 
5	PEB ID will get populated in the ID column (Figure 4). *Figure 4* 
6	The expression batch (PEB) details will become available in Genedata Biologics (Figure 5). *Figure 5* 
7	If additional protein expression data becomes available, return to the PEB spreadsheet in Step 3 and provide the data. Selecting "Create PEBs in Genedata" will update the data.
8	In the RS's PEB table, various functions are available to add additional data (Figure 5). *Figure 5* 

WHAT'S NEXT

- Purification Team will process the PEB(s).