

## User Story

DNA Production Team registers purified DNA(s) to generate VB ID(s) or link existing VB ID(s) against the given plasmid IDs (VECs).

## Pre-condition

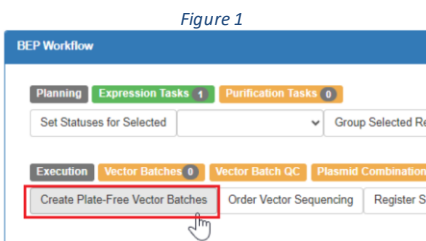
- Either DNA batch(es) was purified and quantified, or existing VB ID(s) is available to link against the given VEC(s)

## How to register/assign plasmid batch against VEC

1 Find appropriate Request Set

- Cambridge:  
<https://gdbio.pfizer.com:8092/gdbxt/requestSet/bepTrnsHome?protPrdctGrp=B-MD-BEP+TRNS>
- La Jolla:  
<https://gdbio.pfizer.com:8092/gdbxt/requestSet/bepTrnsHome?protPrdctGrp=B-MD-LJ>

2 In the given Request Set page, upon selecting “Create Plate-Free Vector Batches” (Figure 1). Vector Batch page will load.

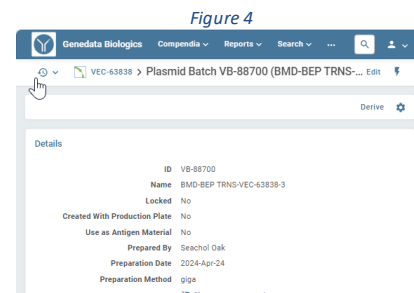


3 In the Vector Batch page, enter appropriate information (Figure 2).  
 • If previously generated plasmid batch gets used, select “Link Existing Batch” and choose appropriate VB ID.  
 Select “Create/Update Vector Batches in Genedata” to create/update plasmid batches.

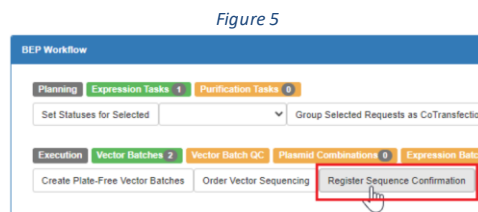
4 Upon successful creation/update, VB-ID(s) will get populated in the VB-ID field(s) (Figure 3).

| VEC-ID    | VEC Name   | Request   | TPPs          | Chain(s)    | Batch Name               | VB-ID    |
|-----------|--|-----------|---------------|-------------|--------------------------|----------|
| VEC-68762 | pTTS huKappa PhamSoi GVHS no intron TTShuKAB-CL-2296580        | RQ-121745 | GBT-CD63-0020 | Light Chain | BMD-BEP TRNS-VEC-68762-3 | VB-68699 |
| VEC-63838 | pTTS hu IgG1 PhamSoi GVHS EFN (+CTK) TSHG13mCTKNS_H4H11998P2-2 | RQ-121745 | GBT-CD63-0020 | Heavy Chain | BMD-BEP TRNS-VEC-63838-3 | VB-68700 |

5 The plasmid batch (VB) details will become available in Genedata Biologics (Figure 4).



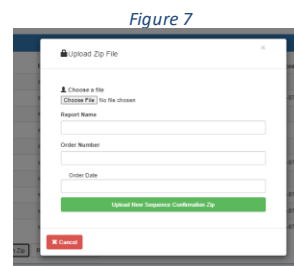
6 Upon receiving the vector sequencing data into appropriate format, select “Register Sequence Confirmation” in the Request Set page (Figure 5).



- Select appropriate ET(s) or/and PT(s).
- Select “Select Notifications for Selected” (Figure 6).

| ID        | Name      | Order Number | Order Date | File                             |
|-----------|-----------|--------------|------------|----------------------------------|
| SCF-11241 | VEGFR3    | 63525        | 09/06/2023 | sequence_confirmation/2023-09-07 |
| SCF-11224 | VEGFR3    | 63496        | 08/04/2023 | sequence_confirmation/2023-09-07 |
| SCF-11223 | VEGFR3    | 63461        | 08/25/2023 | sequence_confirmation/2023-08-31 |
| SCF-11222 | GIPR      | 63467        | 08/25/2023 | sequence_confirmation/2023-08-30 |
| SCF-11221 | GIPR      | 63466        | 08/25/2023 | sequence_confirmation/2023-08-30 |
| SCF-11211 | Anti IL-7 | 63428        | 08/21/2023 | sequence_confirmation/2023-08-23 |
| SCF-11210 | GIPR      | 63429        | 08/18/2023 | sequence_confirmation/2023-08-22 |
| SCF-11209 | GIPR      | 63411        | 08/21/2023 | sequence_confirmation/2023-08-21 |
| SCF-11208 | gpr       | 63373        | 08/18/2023 | sequence_confirmation/2023-08-18 |
| SCF-11207 | GIPR      | 63372        | 08/11/2023 | sequence_confirmation/2023-08-18 |

8 Upload appropriate zip file (Figure 7)



## WHAT'S NEXT

- DNA Production Team will store the plasmid samples (VB(s)).
  - Expression Team will pick up the samples.