

Figure 1a

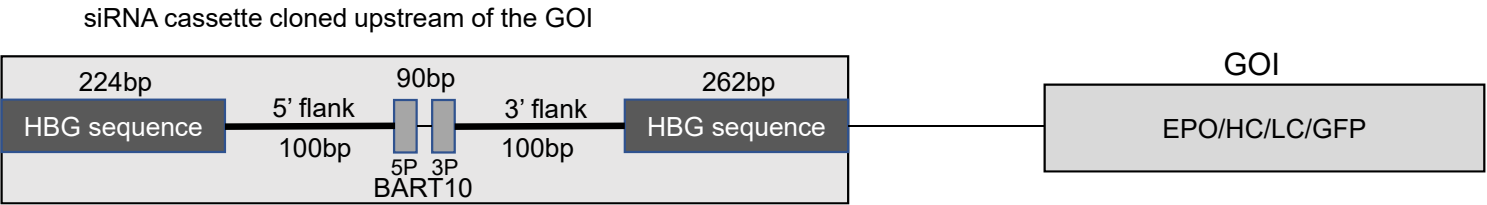


Figure 1b

| 5P | LOOP | 3P | |
|--|---------------|---|--------|
| GCCACCTCTTTGGTTCTGTACA | TATTTTGTTATTG | TACATAACCATGGAGTTGGCTGT | siRNA1 |
| <u>CGG</u> ACCAGTTT <u>CC</u> ATCT <u>CA</u> ACA | TATTTTGTTATTG | T <u>TG</u> ATAT <u>GG</u> ATG <u>CT</u> GTT <u>CC</u> GTGT | siRNA2 |

Figure 1c

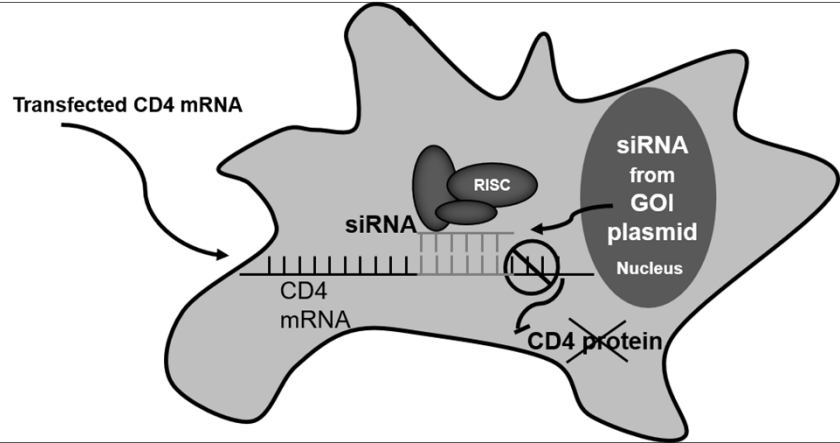


Figure 1d

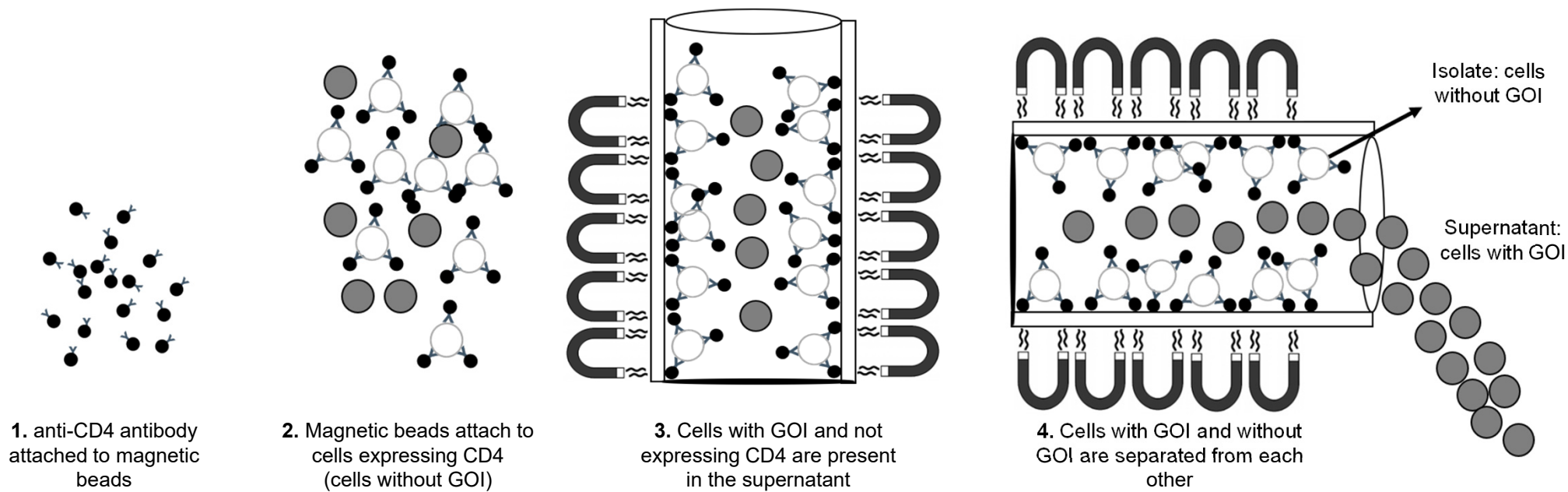


Figure 2a

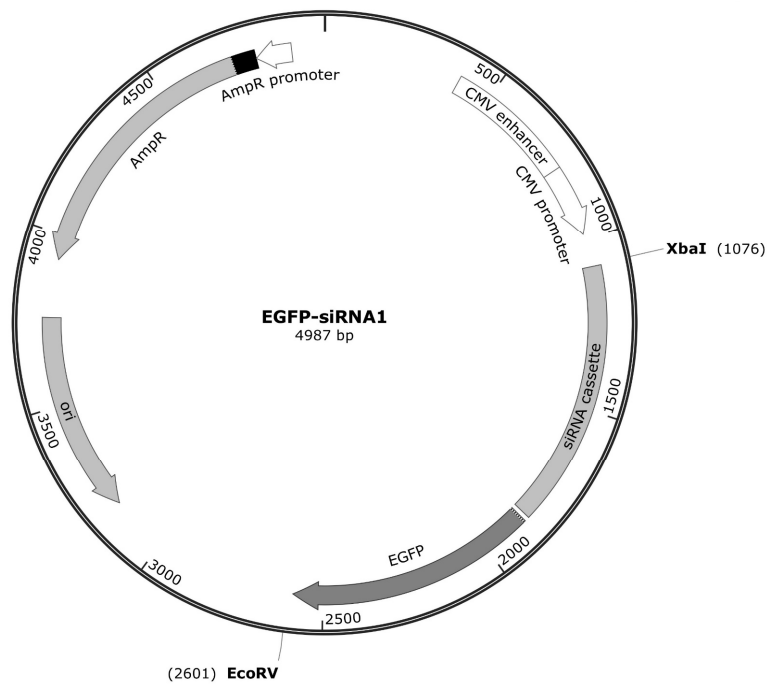


Figure 2b

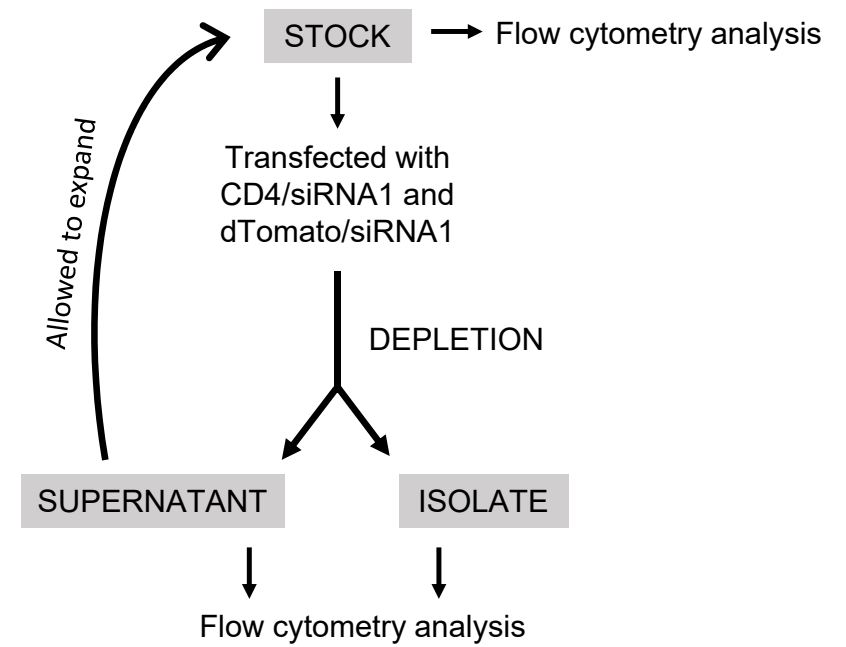


Figure 2c

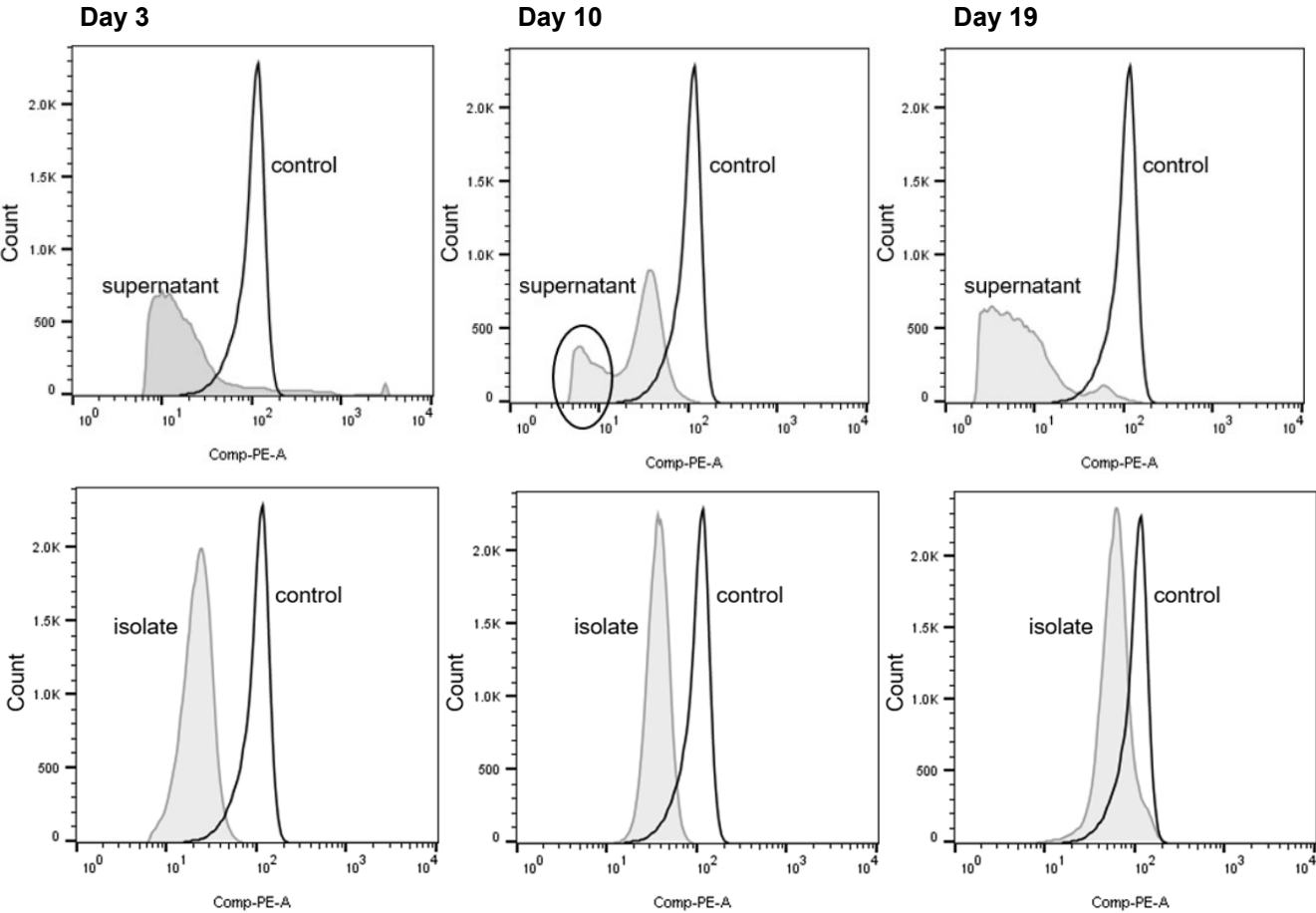


Table 1: Progressive establishment of stable pool population

| Days after GOI nucleofection | Stock (10 ⁶ cells) | Supernatant (10 ⁶ cells) | Percentage recovered |
|--|-------------------------------|-------------------------------------|----------------------|
| 3 days | 160 | 7.2 | 4.8 |
| 7 days | 80 | 24 | 30 |
| 10 days | 80 | 1.9 | 2.4 |
| 17 days | 80 | 65 | 81 |
| 19 days | 80 | 66 | 83 |
| Note that the depleted cells maintain a healthy doubling time. | | | |

Figure 3a

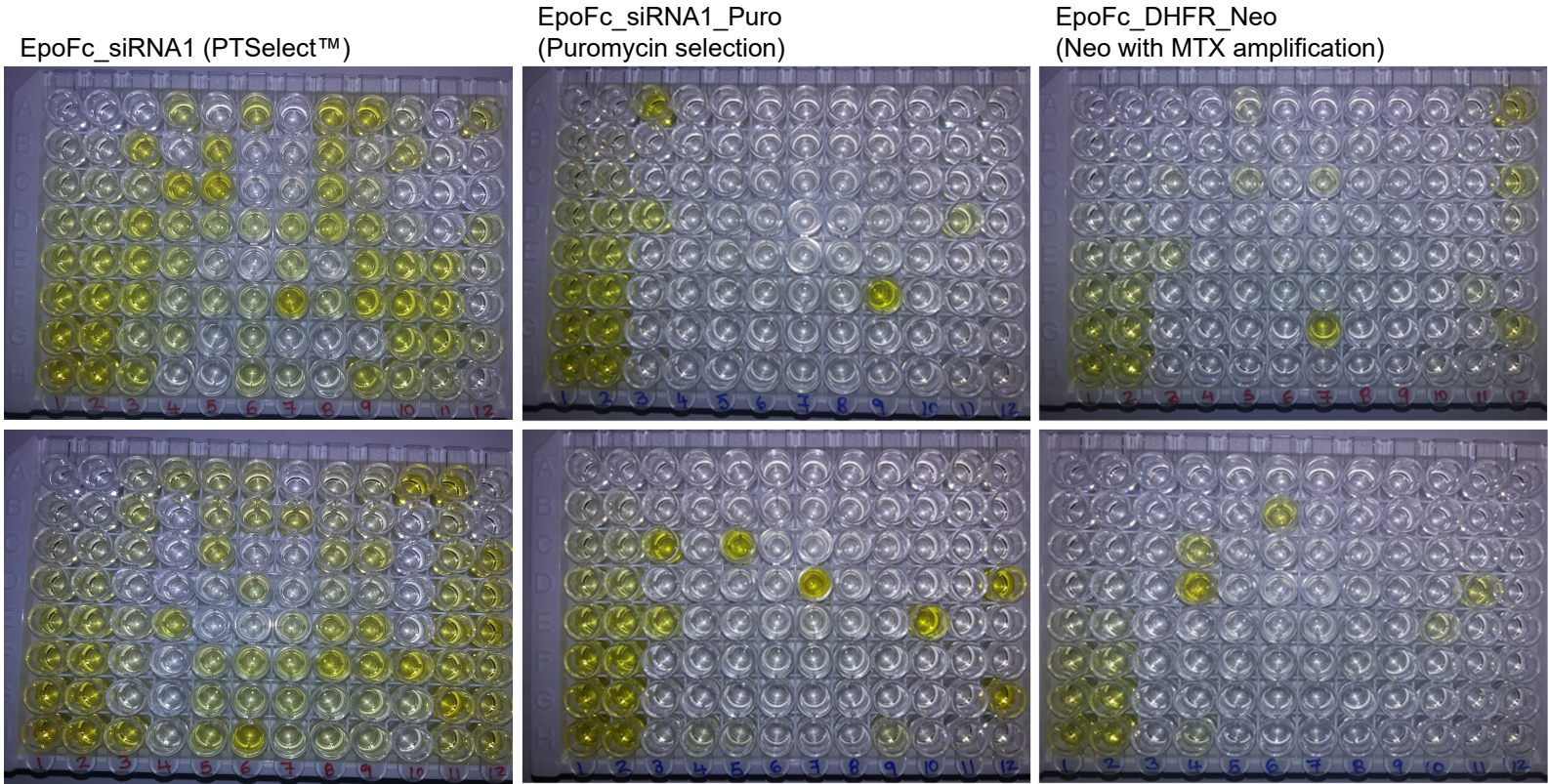


Figure 3b

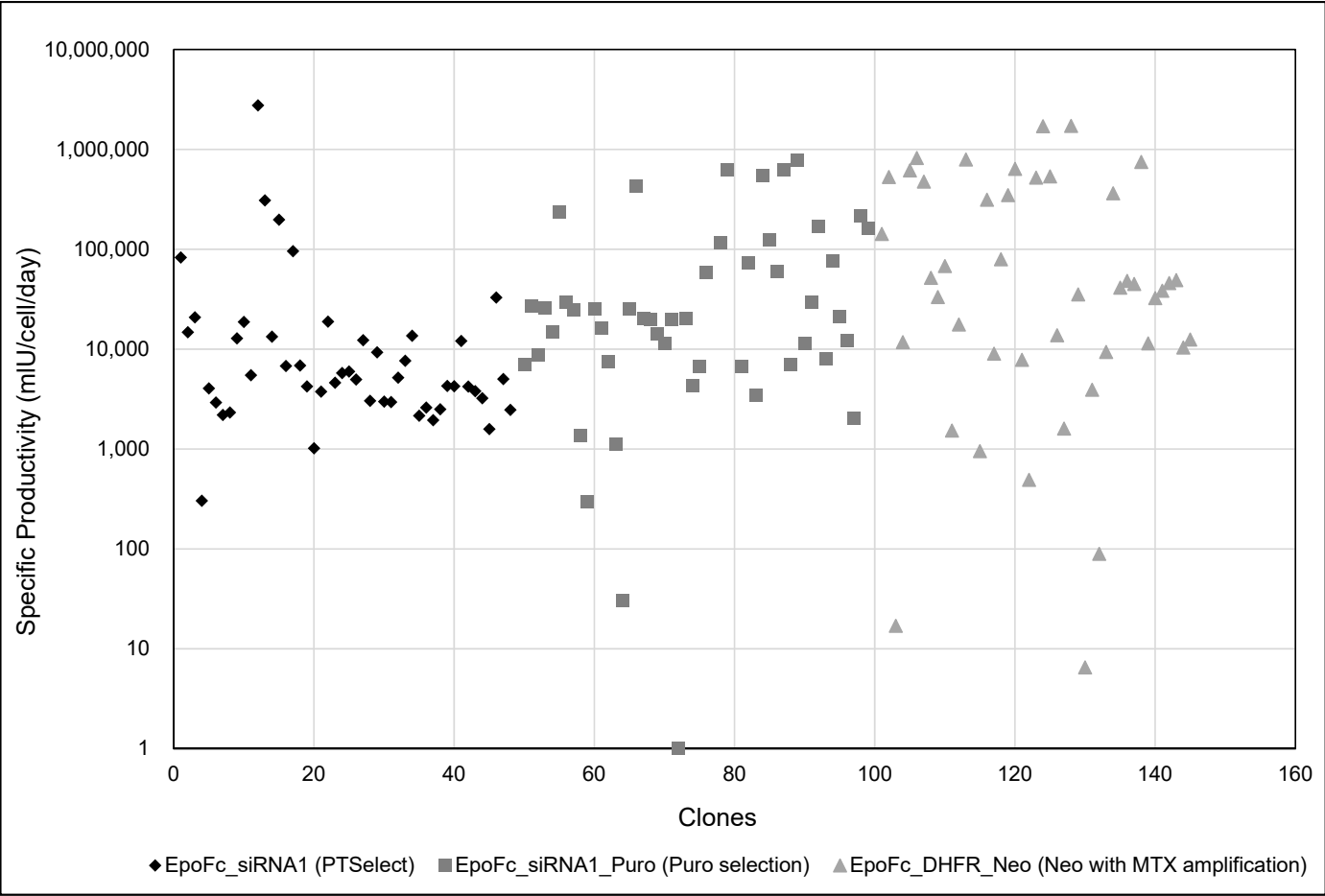


Figure 3c

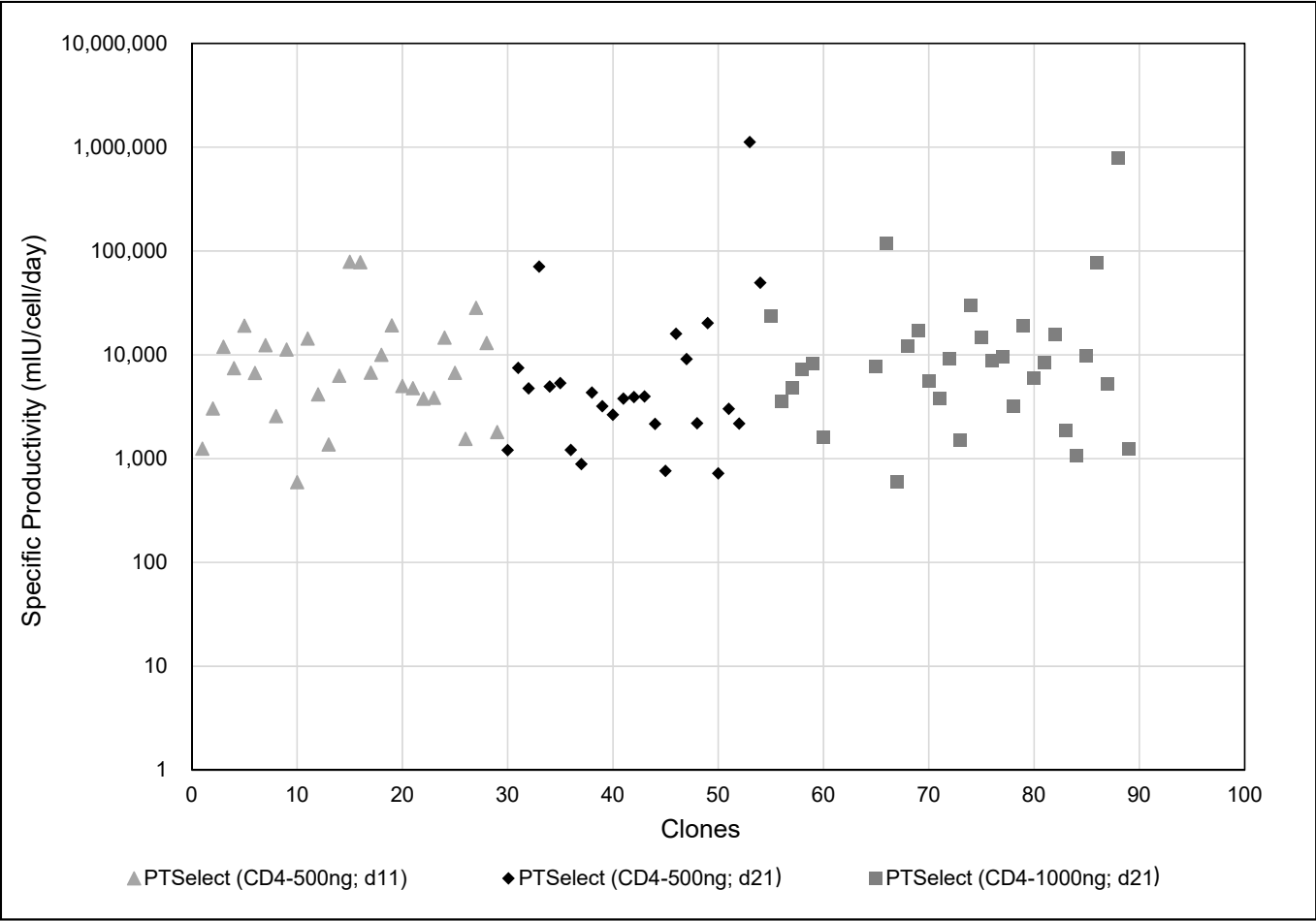


Figure 4a

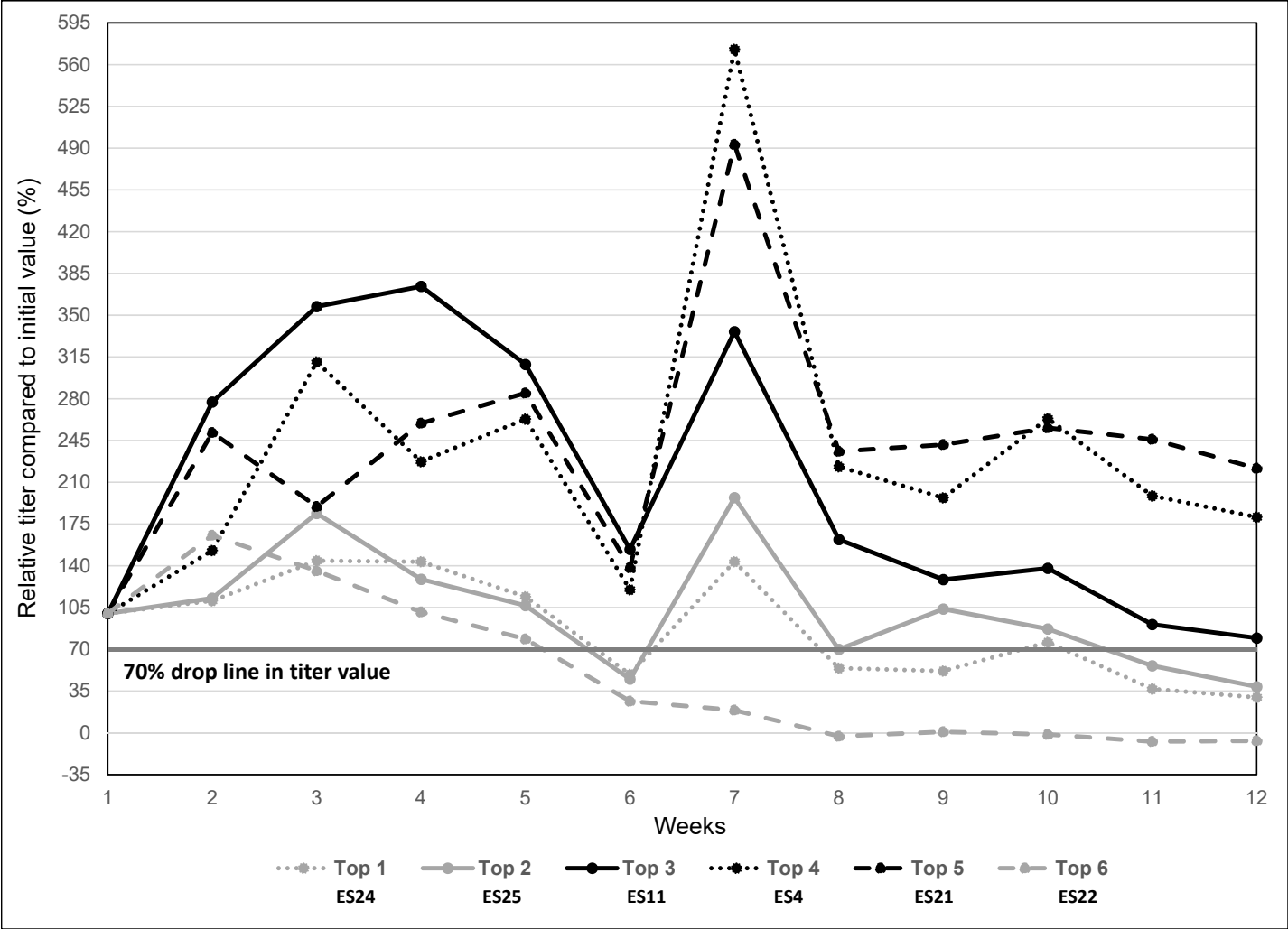


Figure 4b

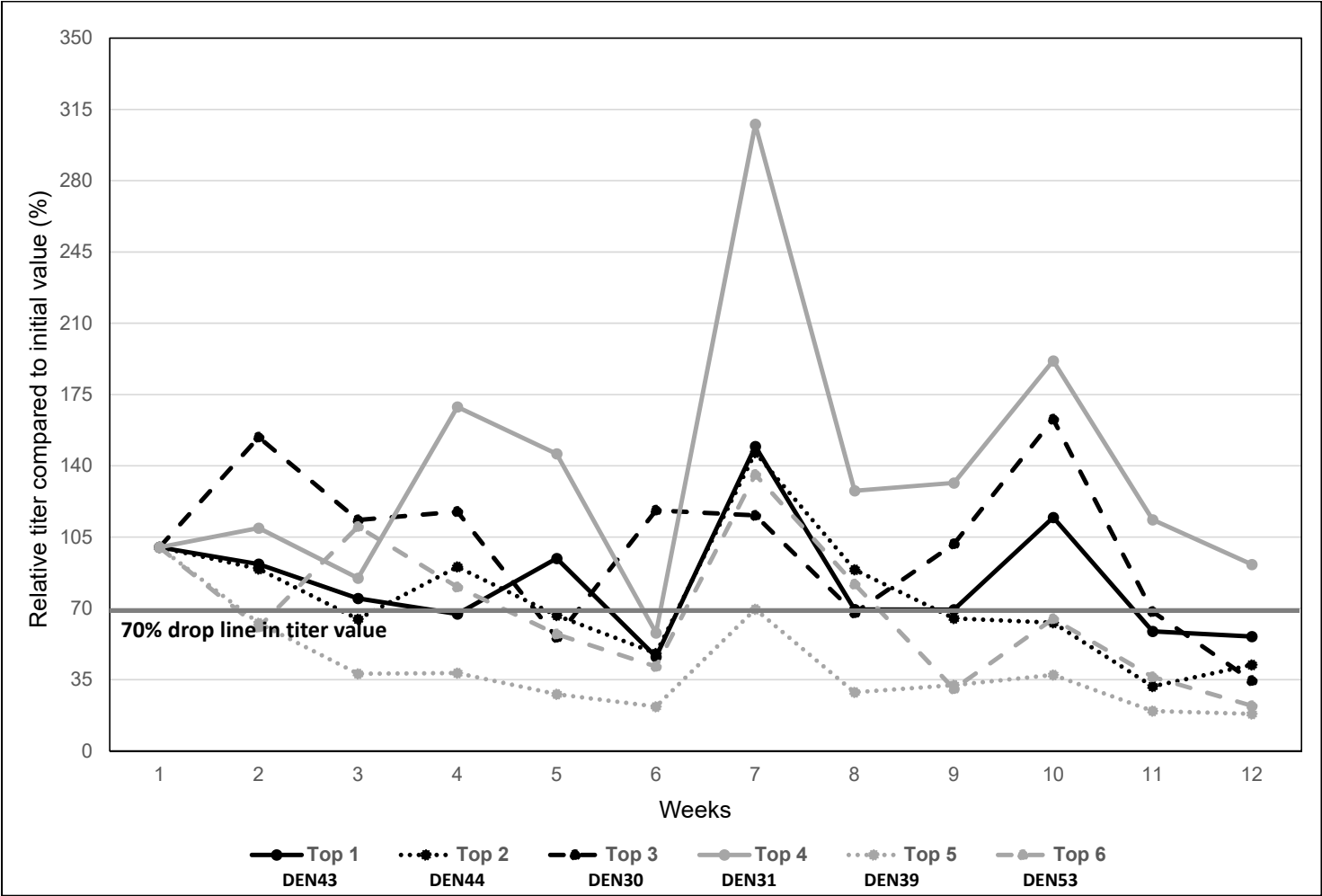


Figure 5a

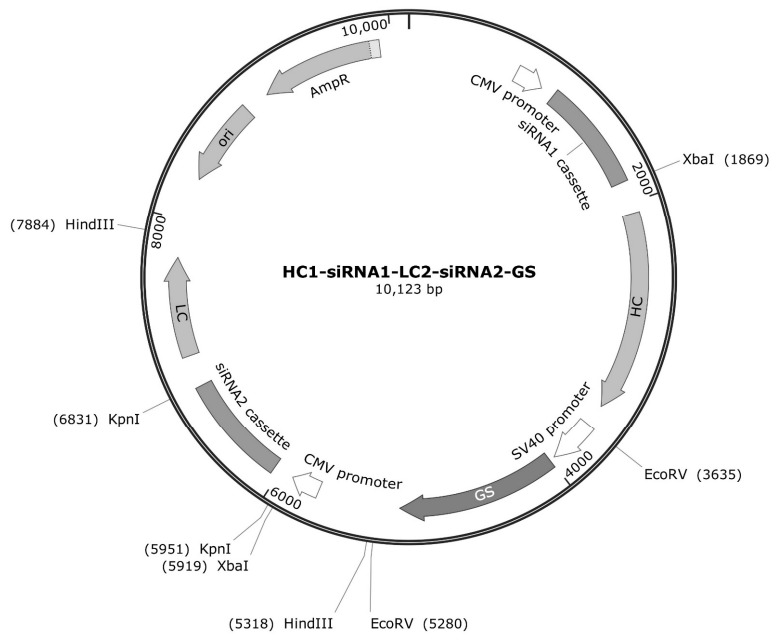


Figure 5b

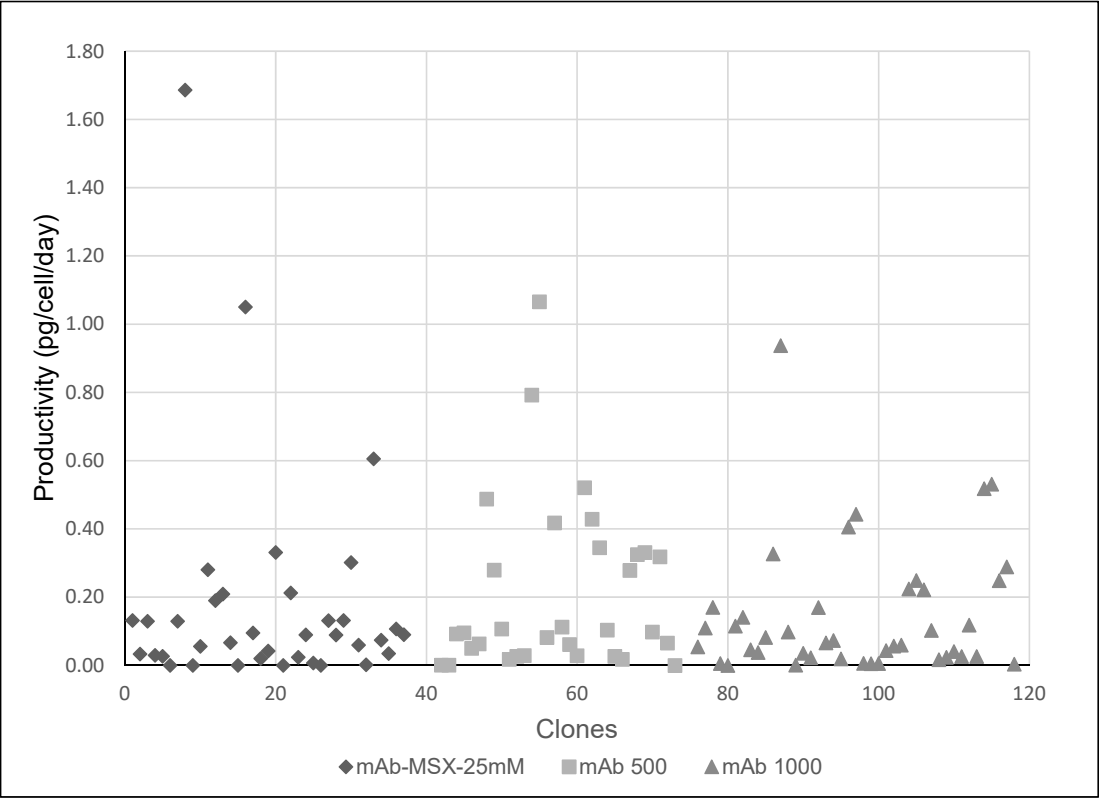


Figure 6a

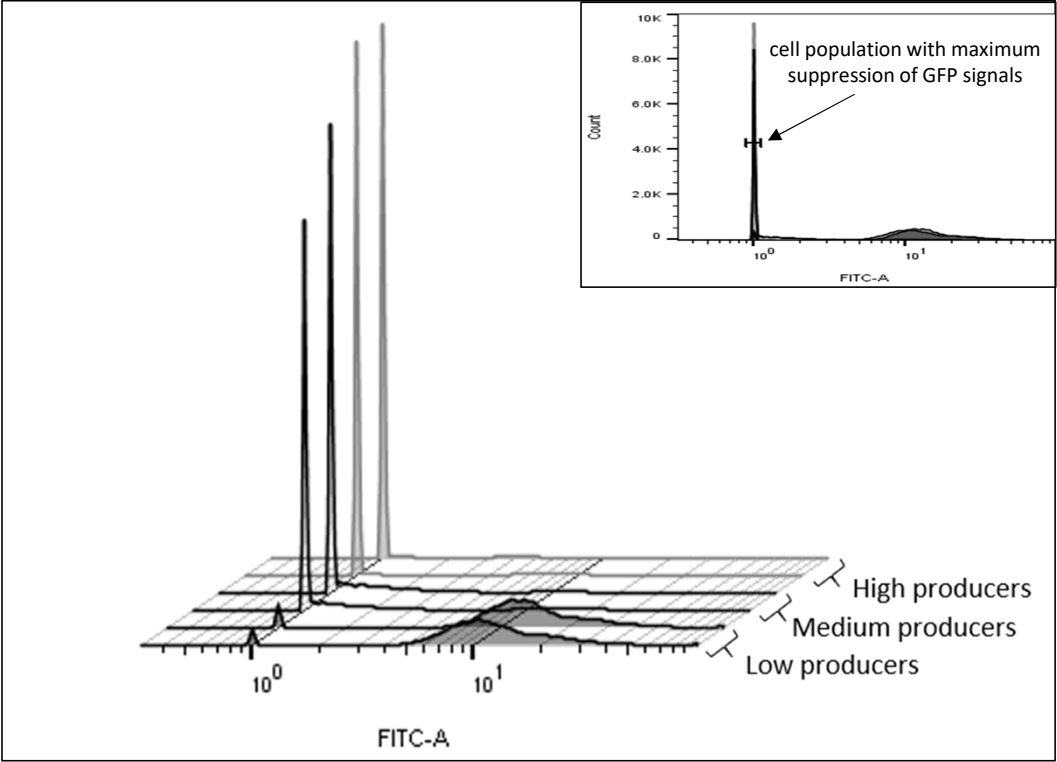


Figure 6b

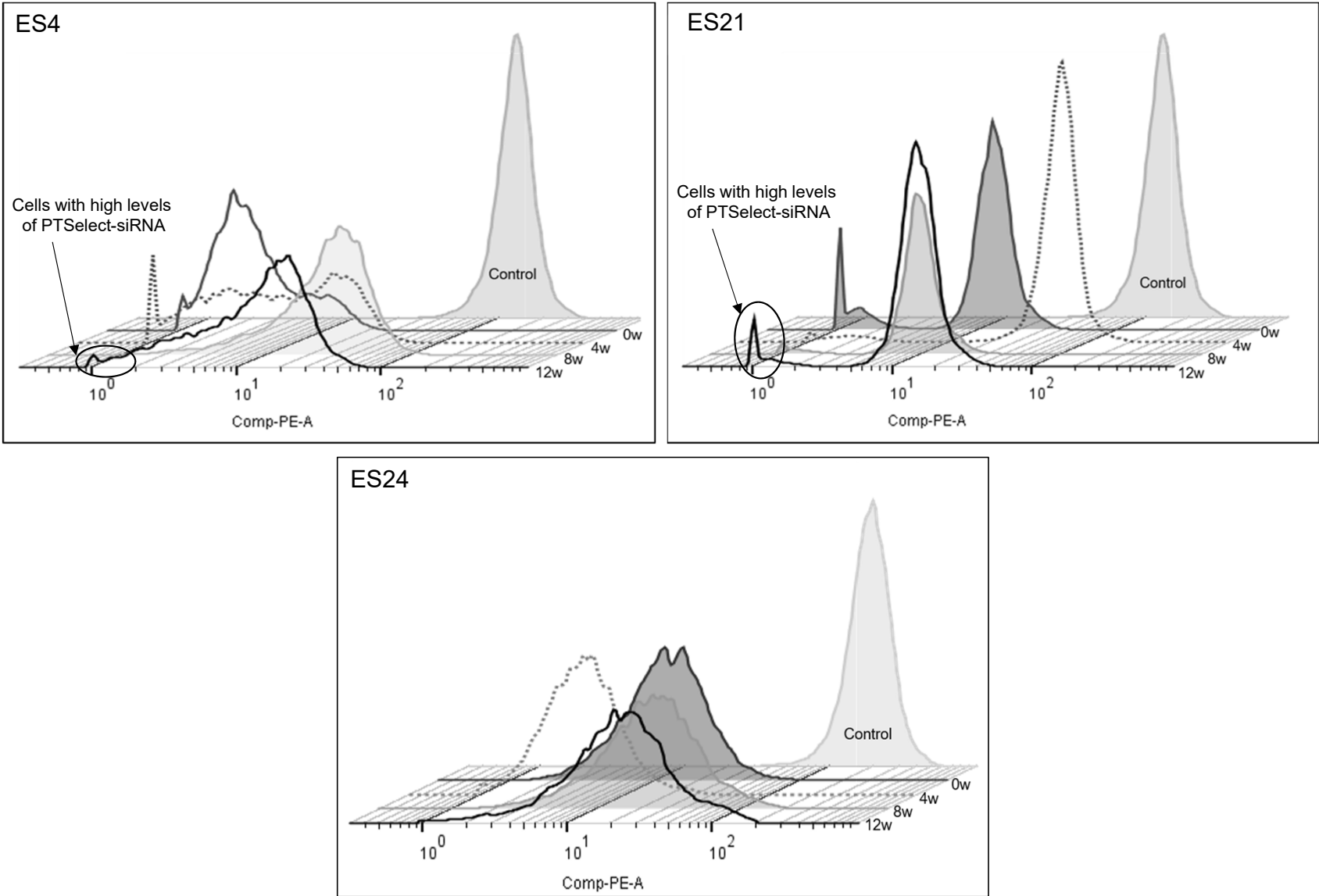


Figure 6c

