Transduction of HEK293 cells with BacMam baculovirus is an efficient system for the production of HIV-1 virus-like particles

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Exp. No.	MOI	VCD (10^6 cell/mL)	Butyric acid (mM)
1	10	0.5	3
2	20	0.5	3
3	30	0.5	3
4	50	0.5	3
5	70	0.5	3
6	100	0.5	3
7	200	0.5	3
8	300	0.5	3
9	400	0.5	3
10	2	2	3
11	5	2	3
12	10	2	3
13	20	2	3
14	30	2	3
15	40	2	3
16	50	2	3
17	70	2	3

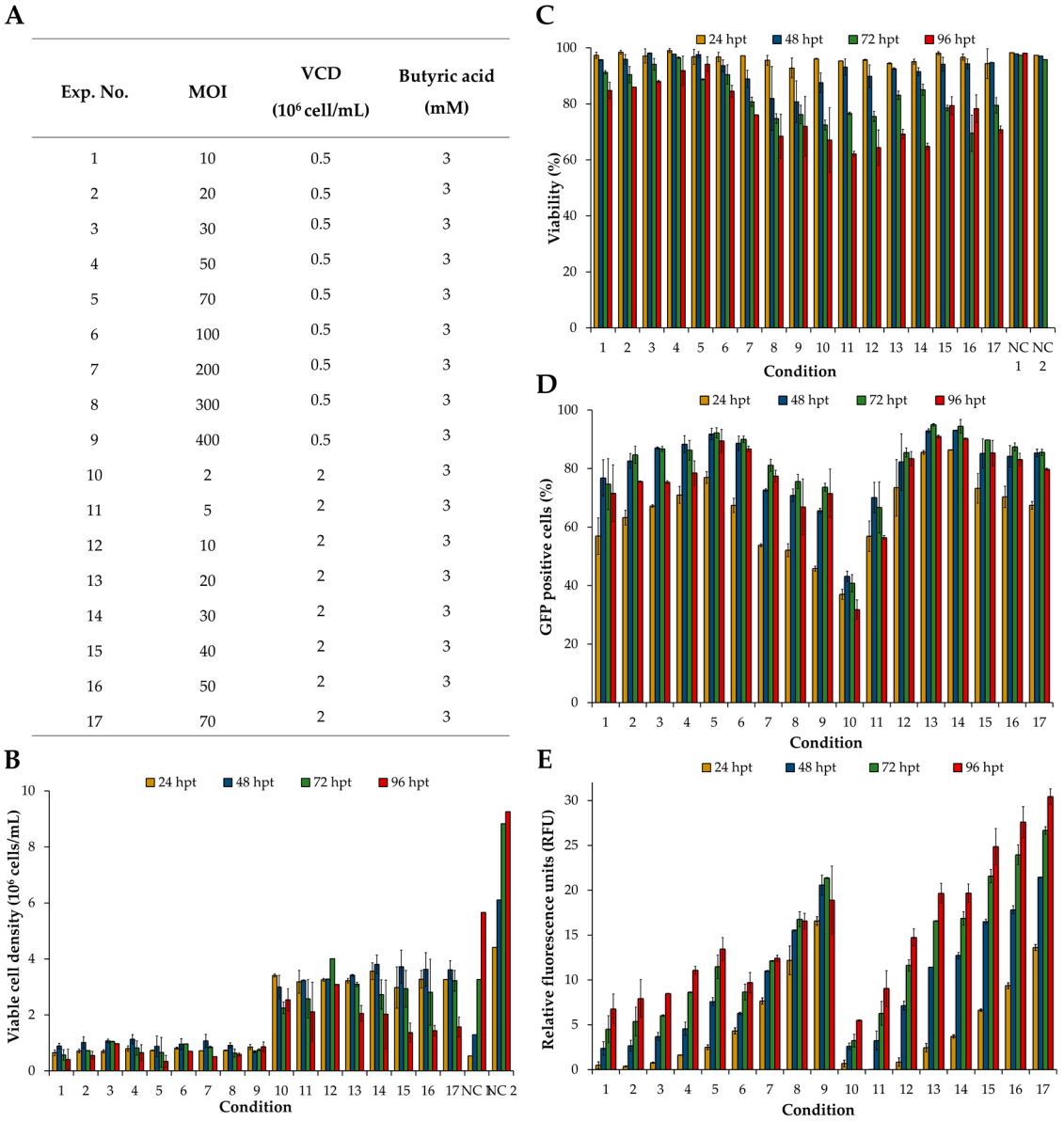

Figure S1. Preliminary HEK293 cell transduction experiment from 24 to 96 hpt. (A) Different MOI, VCD and butyric acid concentrations used. (B) Viable cell density. (C) Viability. (D) Transduction efficiency of HEK293 cells measured by flow cytometry. (E) Relative fluorescence units assessed by spectrofluorometry. NC 1: negative control consisting of non-transduced HEK293 seeded at 0.5×10^6 cells/mL. NC 2: negative control consisting of non-transduced HEK293 seeded at 2×10^6 cells/mL.

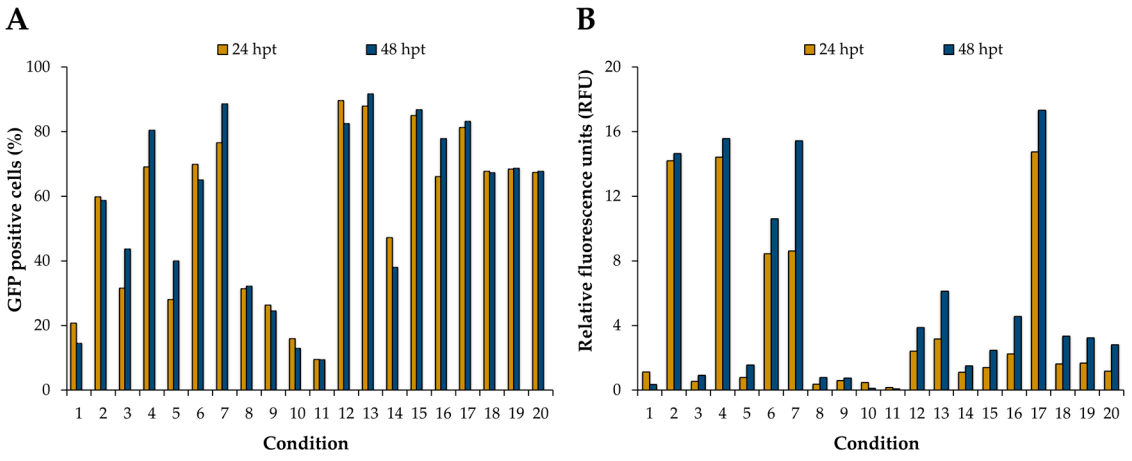

Figure S2. Analysis of HEK293 cell transduction efficiency and VLP production in the different conditions of the DoE at 24 and 48 hpt. (A) Cell transduction was analyzed by flow cytometry, whereas (B) VLP production was assessed by spectrofluorometry.