



Figure 1: Generation of cell pools named 1 and 2, enriched by means of 1 or 2 rounds of FACS for YF-VLP high-producers, respectively. (A) Passage history showing viable cell density (VCD) and viability of mock transfection control, of original stable cell pool HEK293-YF and of enriched cell pools 1 and 2. The first round of cell sorting was performed 40 days after transfection (vertical red dashed line) and the second round 98 days after transfection (vertical blue dashed line). (B) Comparison of VLP production by cell pools 1 and 2 generated by FACS-enrichment. Dengue envelope protein (Prospec, Israel) was used as positive control and pan-flavivirus monoclonal antibody 4G2 was used as primary antibody.