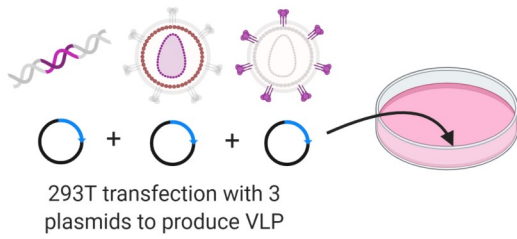


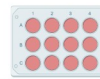
## 1. Production of VLP



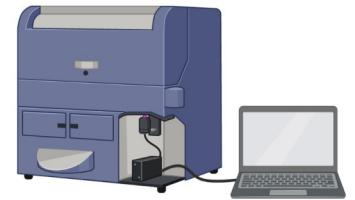
## 2. Titration of VLP

48 hr post-transfection, harvest VLP

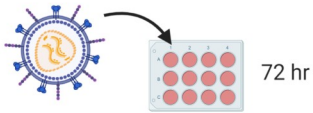
Titrate VLP against known concentration in 293T



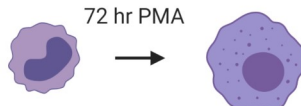
48 hr post infection, analyse by flow cytometry



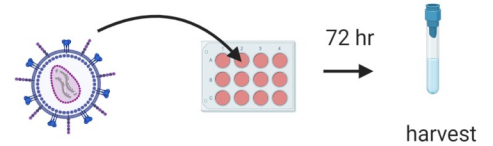
## 3. Transduction of U937



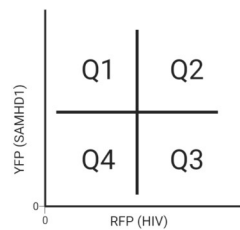
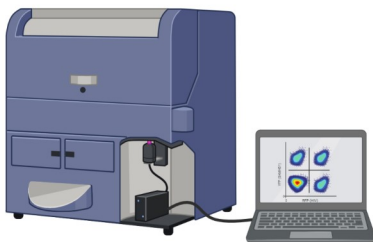
## 4. Differentiation of U937



## 5. Infection of transduced U937 with HIV-RFP



## 6 and 7. Analysis by two-colour flow cytometry



$$\text{Restriction ratio} = \frac{\% \text{ RFP+ve of YFP+ve}}{\% \text{ RFP+ve of YFP-ve}} = \frac{Q2 / (Q1 + Q2)}{Q3 / (Q3 + Q4)}$$

## 8. Data analysis

