



## Services offered by UCLA VectorCore

### Cloning your Gene into:

#### 1-Lentivirus backbone

Resistance Gene such as puromycin, neomycin

Fluorescence marker gene such as GFP, RFP, BFP or YFP

#### 2-Adenovirus backbone

Resistance Gene such as puromycin, neomycin

Fluorescence marker gene such as GFP, RFP, BFP etc

Please email us to schedule a consultation and to discuss furthermore about your project.

### Customized Virus Production:

Large scale concentrated lentivirus (2-3 ml, 5-15  $\mu\text{g/ml}$  p24)

Half large scale concentrated lentivirus (1.5 ml, 5-15  $\mu\text{g/ml}$  p24)

Small scale non-concentrated lentivirus (13ml, 0.3-1  $\mu\text{g/ml}$  p24)

Adenovirus expansion and purification (1-2ml)

AAV expansion and purification (**pending**)

### Titration:

p24 titration by ELISA ( $\mu\text{g/ml}$ ) for lentivirus

Adenovirus titration by real time PCR

AAV titration by real time PCR

### Transduction:

Into 6 well plates of standard cell line (HEK293 T cells)

Into 6 well plates of cells provided by user

### Lentivirus/Retrovirus/Adenovirus marker gene stocks: We are offering

#### Lentivirus:

Concentrated virus: vials, 150  $\mu\text{l}$  aliquots

Non-concentrated virus: vials, 1 ml aliquots

#### Adenovirus:

Concentrated virus: vials, 50  $\mu\text{l}$  aliquots