Lentiviral System



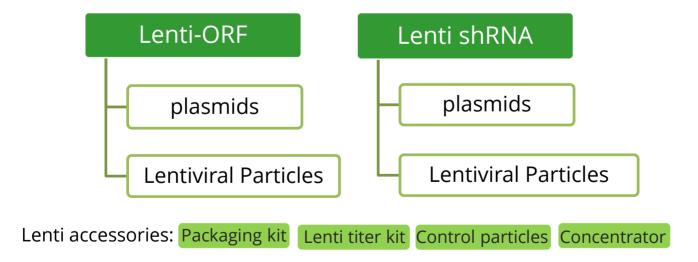
Powerful gene delivery tool, high transduction efficiency. Lentiviral system can be used for both gene overexpression and gene knockdown (shRNA).

Biosafety: 3rd generation technology (safest)

Broad spectrum: Transduce most cells and animal models
Convenience: Just add to cells and get results (virus)

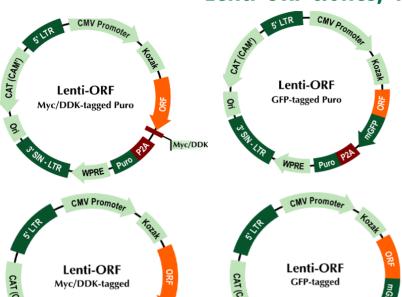
• Coverage: Genome wide 🕴 📣

Lentiviral Products:



Lentiviral System

Lenti-ORF clones, 4 vector options



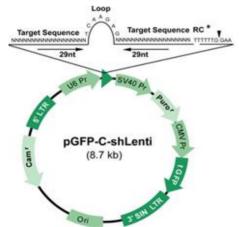
Puro Vectors

Non-Puro Vectors

More lentiviral vectors:

www.origene.com/cdna/TrueORF/DestinationVector.aspx

Lenti shRNAs

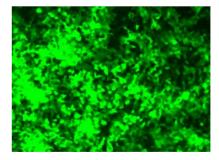


Three major functional elements

- shRNA expression under U6 promoter
- Puromycin mammalian selection marker
- tGFP as a reporter

Highly effective Lenti packaging kit

- High efficiency
- Package the 3rd generation lenti vectors
- Transfection reagent included



Transduced HEK293 cells with lenti GFP virus produced with this Lenti-vpak kit

New: Integration-deficient Lenti packaging kit Still powerful to deliver genes, but no footprints

