
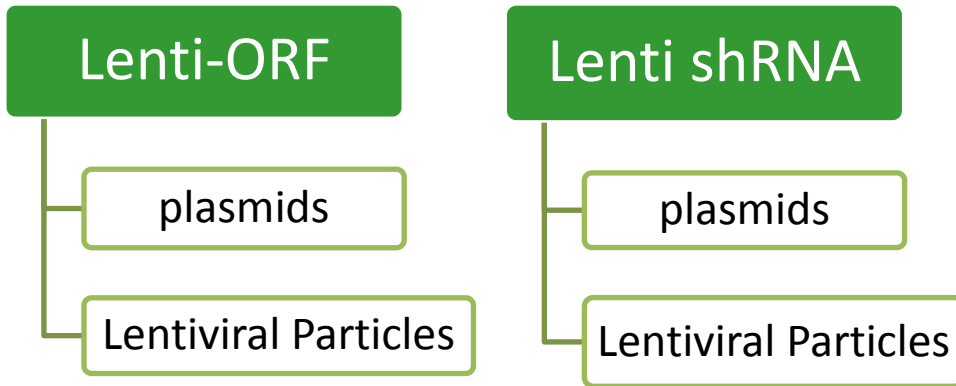


Lentiviral System

Lenti-ORF
Lenti-shRNA

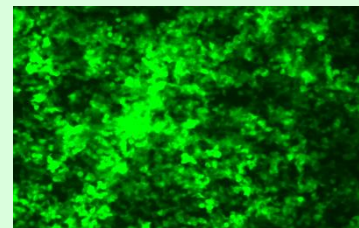
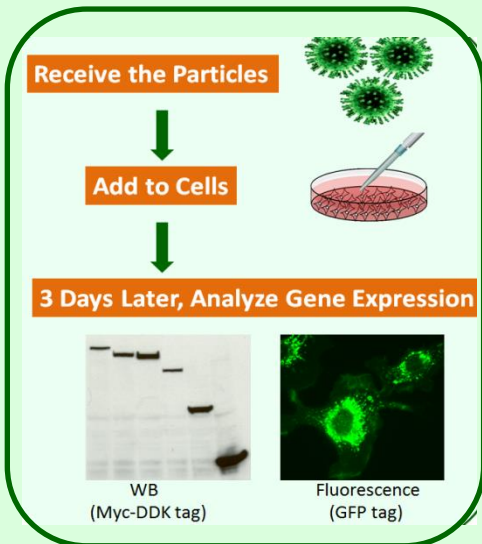
Powerful gene delivery tool, high transduction efficiency. Lentiviral system can be used for both gene overexpression and gene knockdown (shRNA).

- **Biosafety:** 3rd generation technology (safest)
- **Broad spectrum:** Transduce almost all cells and animal models
- **Convenience:** Just add to cells and get results (virus)
- **Coverage:** Genome wide 

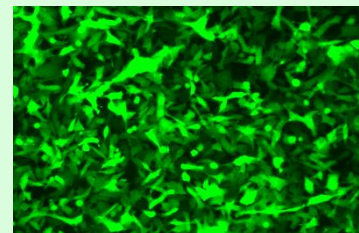


Lenti accessories: **Packaging kit** **Control particles** **Concentrator**

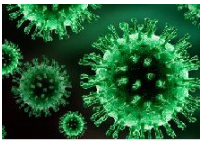
Convenience: Lentiviral particles



HEK293 cells transduced with GFP lentivirus



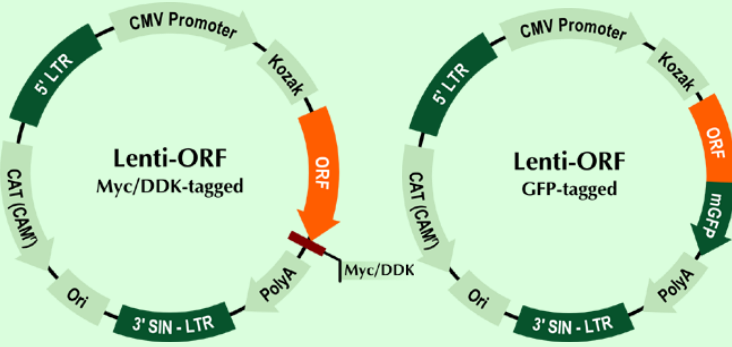
HT1080 cells transduced with GFP lentivirus



Lentiviral System

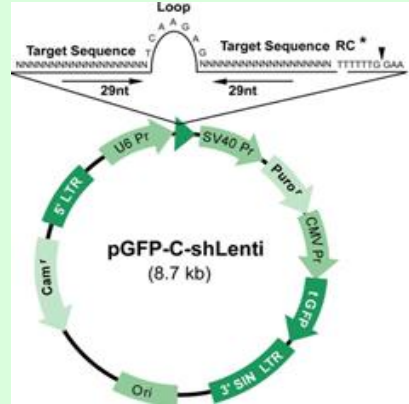
Lenti-ORF Lenti-shRNA

Lenti-ORF clones, two vectors options



More lentiviral destination vectors:
www.origene.com/cdna/TrueORF/DestinationVector.aspx

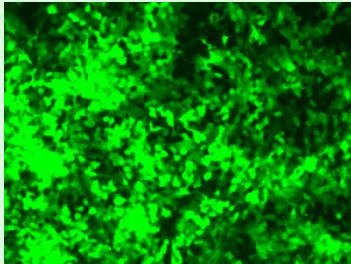
Lenti shRNAs



- Three major functional elements**
- shRNA expression under U6 promoter
 - Puromycin mammalian selection marker
 - tGFP as a reporter

Highly effective Lenti-packaging kit (cat# TR30022)

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



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

