




## Custom Lentivirus Service

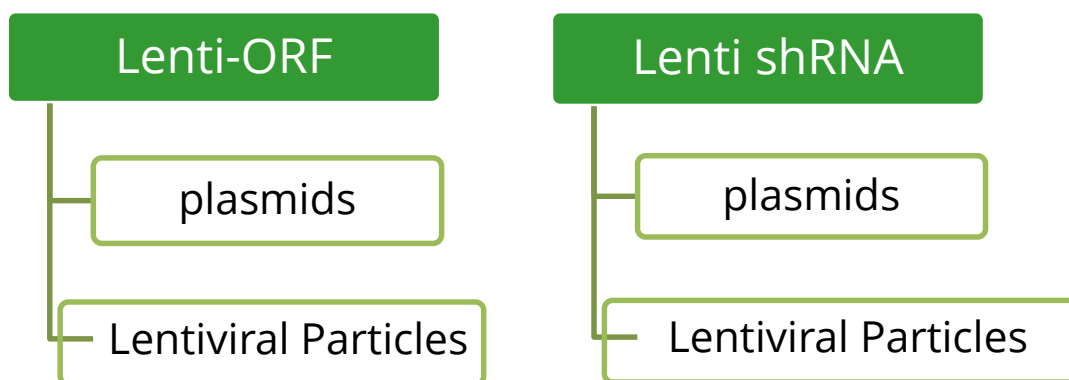
- ✓ High Quality
- ✓ Ultra High Titer
- ✓ Flexible Volume



Using lentiviral vectors to deliver genes into targeted cells has proven to be a dependable, efficient, and safe method for research. The 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   

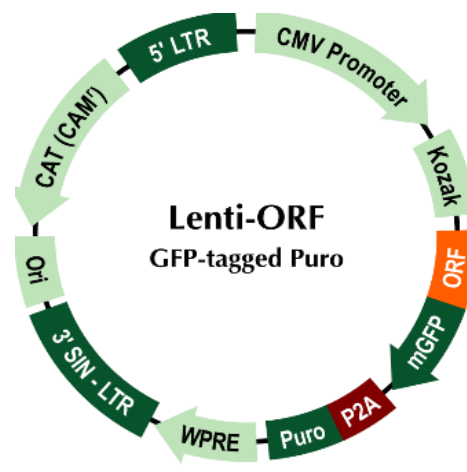
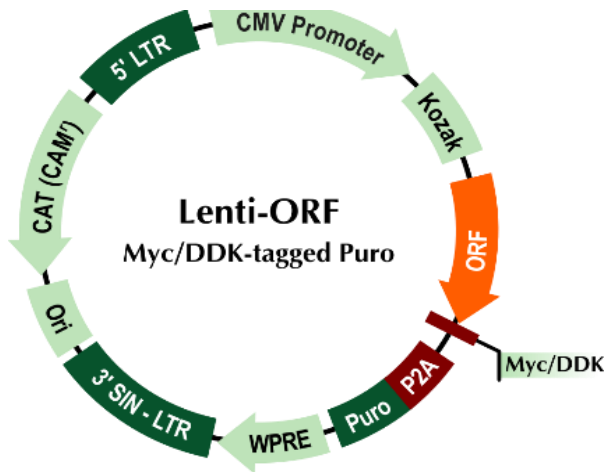
## Lentiviral Products:



Lenti accessories: **Packaging kit** **Lenti titer kit** **Control particles** **Concentrator**  
**Lenti stabilizer** **LentiTran** **Lenti Vectors**

[www.origene.com/lentiviral](http://www.origene.com/lentiviral)

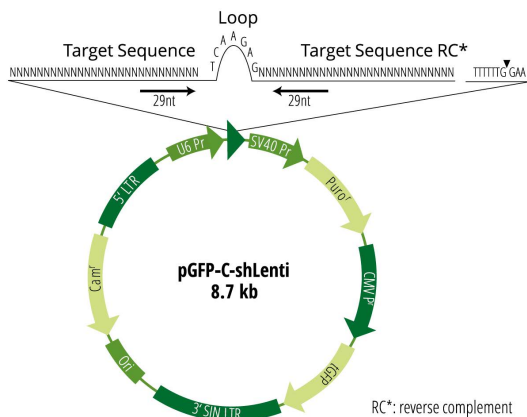
## Lenti-ORF clones



More Lentiviral Vectors:

<https://www.origene.com/products/cdna-clones/lentiviral-particles/lenti-vectors>

## Lenti shRNAs

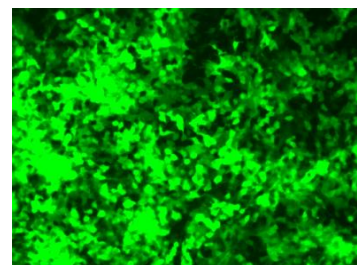


### Three major functional elements

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

## Highly effective Lenti packaging kit

- High efficiency
- Package the 3<sup>rd</sup> generation lenti vectors
- Transfection reagent included



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