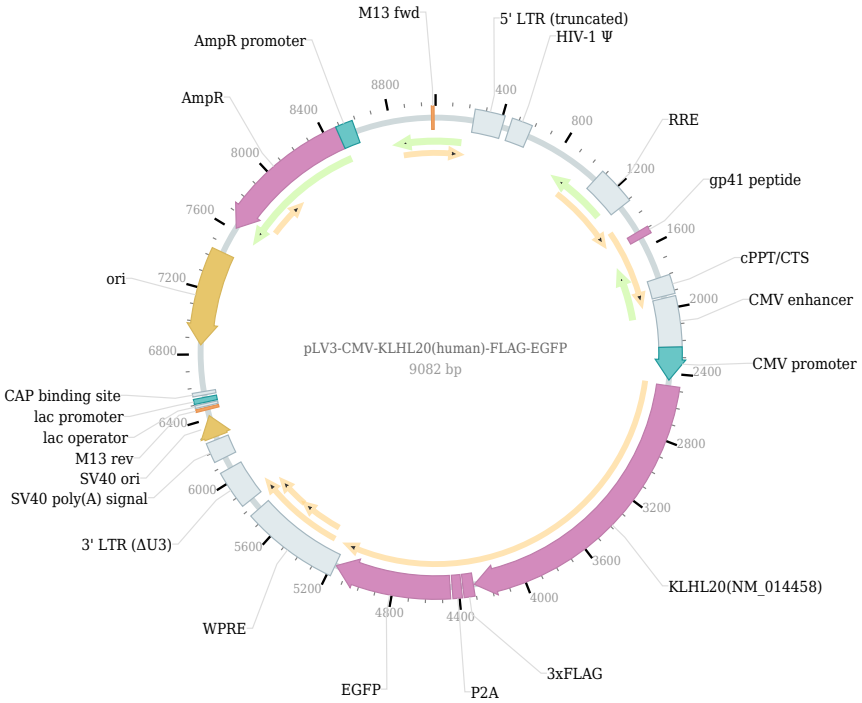
# pLV3-CMV-KLHL20(human)-FLAG-EGFP

| | |
|---|---|
| **Vector ID** | V044886 |
| **Accession ID** | NM_014458.4 |
| **Antibiotic Resistance** | Ampicillin |
| **Length** | 9082 bp |
| **Vector Type** | Protein expression |
| **Host** | Mammalian cells, Lentivirus |

## Product Information

| | |
|---|---|
| **Replication Origin** | ori |
| **Selection Marker** | EGFP |
| **Copy Number** | High |
| **Promoter** | CMV |
| **5' Primer** | CMV-F |
| **Fusion Tag** | FLAG-EGFP |
| **Growth Strain(s)** | Stbl3 |
| **Growth Temperature** | 37℃ |
| **Expression Method** | Constiutive, Stable / Transient |
| **Comment** | This is a 9082 bp lentiviral vector, pLV3-CMV-KLHL20(human)-FLAG-EGFP. It expresses human KLHL20, an E3 ligase adapter for ubiquitination, with a FLAG tag and EGFP reporter driven by CMV promoter via P2A. It includes WPRE and viral elements for packaging, plus AmpR and ori for bacteria. |

## Vector Map



## Plasmid Resuspension Protocol

1. Centrifuge at 5,000×g for 5 min.
2. Carefully open the tube and add sterile water to dissolve the DNA: add 20 µl for 5 µg plasmid, and 100 µl for 100 µg plasmid.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin to concentrate the liquid at the bottom. Speed is less than 5000×g.
5. Store the plasmid at -20 ℃.