

## LVpro Packaging Mix (pLVpro-EF1 $\alpha$ Vector) (製品コード 6964)

### pLVpro-EF1 $\alpha$ Vector

| Vector Elements  | Location   | 由来する生物種                                 | 実験分類<br>クラス |
|--|------------|---|-------------|
| CMV enhancer   | 59..362    | Human cytomegalovirus                   | 2           |
| CMV promoter   | 363..566   | Human cytomegalovirus                   | 2           |
| 5'LTR  | 580..760   | Human immunodeficiency virus 1型         | 3           |
| PBS (primer binding site)  | 762..779   | Human immunodeficiency virus 1型         | 3           |
| $\Psi$ (packaging signal)  | 807..932   | Human immunodeficiency virus 1型         | 3           |
| RRE (Rev response element)   | 1252..1485 | Human immunodeficiency virus 1型         | 3           |
| cPPT/CTS (central polypurine tract/central termination sequence)   | 1977..2092 | Human immunodeficiency virus 1型         | 3           |
| <i>PEF1<math>\alpha</math></i> ( <i>Elongation factor 1<math>\alpha</math></i> (EF1 $\alpha$ ) promoter) | 2145..3326 | Homo sapiens                            | 1           |
| MCS (multi cloning site)   | 3327..3392 | 人工合成核酸                                  | —           |
| WPRES (woodchuck posttranscriptional regulatory element)   | 3398..3987 | Woodchuck hepatitis virus               | 2           |
| 3'LTR/ $\Delta$ U3   | 4194..4427 | Human immunodeficiency virus 1型の増殖力等欠損株 | 2           |
| pUC ori (pUC origin of replication)  | 4958..5546 | <i>Escherichia coli</i>                 | 1           |
| Ampr (Ampicillin resistance gene)  | 5717..6577 | <i>Escherichia coli</i>                 | 1           |