pEU-E01-MCS-TEV-His-C1, C2, C3 vectors

Multiple cloning site information

C terminus
His tag vector

pEU-E01-MCS-TEV-His-C1 (3761 bp)

EcoRV
↓ SpeI ↓ XhoI ↓TEV cleavage site

G ATA TCA CTA GTT CTC GAG | GAA AAC CTG TAT TTT CAG GGA |
   Ser Leu Val Leu Glu | Glu Asn leu Tyr Phe Gln Gly |

GAT TAC GAC ATC CCA ACG ACC | CAT CAT CAT CAT CAT CAC | TAA
Asp Tyr Asp Ile Pro Thr Thr | His His His His His His | STOP
His tag

pEU-E01-MCS-TEV-His-C2 (3762 bp)

EcoRV
↓ SpeI ↓ XhoI ↓TEV cleavage site

GA TAT CAC TAG TTC TCG AGG | GAA AAC CTG TAT TTT CAG GGA |
  His STOP Phe Ser Arg | Glu Asn leu Tyr Phe Gln Gly |

GAT TAC GAC ATC CCA ACG ACC | CAT CAT CAT CAT CAT CAC | TAA
Asp Tyr Asp Ile Pro Thr Thr | His His His His His His | STOP
His tag

Caution: Combination of *EcoRV* and *XhoI* is only availavle for subcloning because of existence of stop codon in frame.

pEU-E01-MCS-TEV-His-C3 (3763 bp)

EcoRV
↓ SpeI ↓ XhoI ↓TEV cleavage site

GAT ATC ACT AGT TCT CGA GGG | GAA AAC CTG TAT TTT CAG GGA |
  Ile Thr Ser Ser Arg Gly | Glu Asn leu Tyr Phe Gln Gly |

GAT TAC GAC ATC CCA ACG ACC | CAT CAT CAT CAT CAT CAC | TAA
Asp Tyr Asp Ile Pro Thr Thr | His His His His His His | STOP
His tag