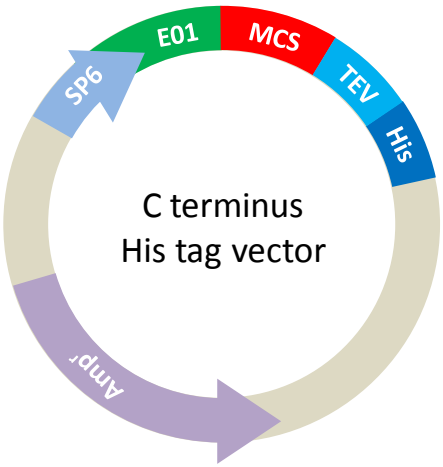
pEU-E01-MCS-TEV-His-C1, C2, C3 vectors

Multiple cloning site information



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*, or *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