

pEU-E01-MCS

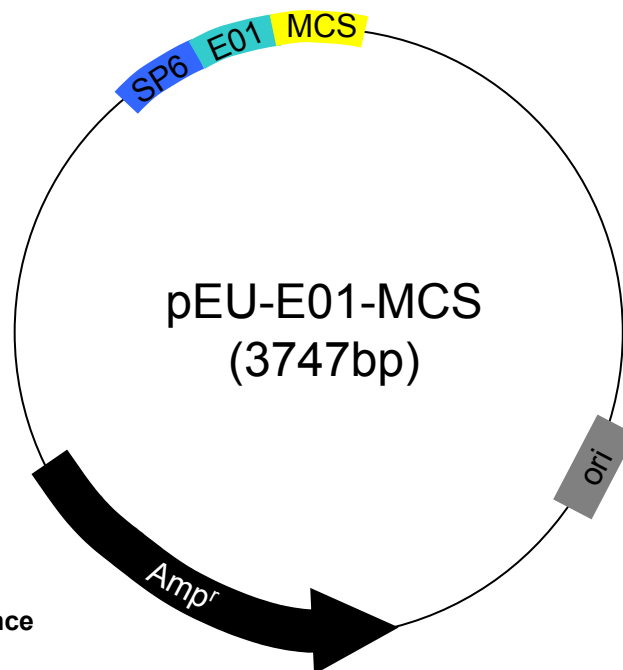
Vector sequence information

Multiple Cloning Site

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      EcoRV   SpeI   XhoI   SacI   KpnI                               NotI
      └───┘   └───┘   └───┘   └───┘   └───┘                               └───┘
74- GATATCACTAGTTCTCGAGCTCGGTACCTGTCCGCGGTCGCGACGTACGCGGGCGGCCGCC
    CTATAGTGATCAAGAGCTCGAGCCATGGACAGGCGCCAGCGCTGCATGCGCCCGCCGCGG

      BamHI           SmaI           Sall           NcoI
      └───┘           └───┘           └───┘           └───┘
ATAAATTGGATCCATATATAGGGCCCGGGTTATAATTACCTCAGGTCGACGTCCCATGG-193
TATTTAACCTAGGTATATATCCCGGGCCCAATATTAATGGAGTCCAGCTGCAGGGTACC
  
```



pEU-E01-MCS sequence

SP6 promoter:-17~ 1

Translational enhancer(E01): 16~ 72

Multiple Cloning Site:74~193

Origin:1190~1830

Ampicillin resistance gene:1974~2838

Position 1 is located at the final G (underlined in the following sequence) of SP6 promoter:
ATTTAGGTGACACTATAGG