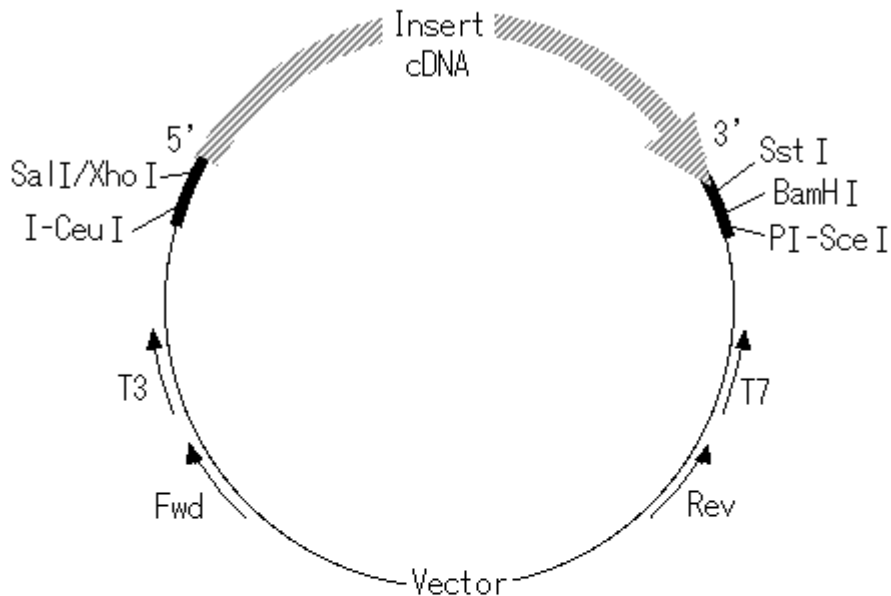


Vector Map: FU detail

Vector Name:	pFLCIII
Original Vector:	pBluescript KS(+)
1st Primer for cDNA library construction:	1st-BS primer
2nd Primer for cDNA library construction:	2nd-NX/X primer
Cloning Site (5'>3'):	SalI/XhoI, SstI, BamHI
Sequence Primer (Fwd, 5'):	M13-21
Sequence Primer (Rev, 3'):	1233

FLCIII After Excision (1st-BS, 2nd-NX/X)

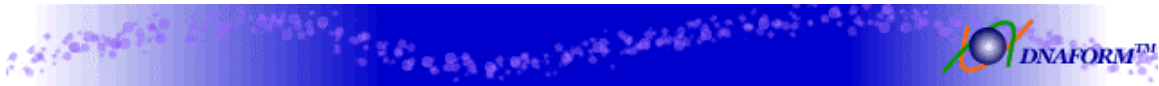


```

CGACGTGTAAAACGACGGCCAGTGAATTGCGCGCAATTAACCCTCACTAA
      Fwd Primer(M13-21)          T3 Promotor
AGGGAACAAAGATGTGTAAGTATAACGGTCCTAAGGTAGCGAGTTCGAGTTA
      T-CeuI      SalI/XhoI
ATTAAATTAATCCCCCCCCCCCCC===cDNA==>AAAAAAAAAAAAAAAAAAAA
GAGCTCTTGGATCCTGCCATTTTCATTACCTCTTTCTCCGCACCCGACATAG
      SstI  BamHI          PI-SceI
ATGCATCGCCCTATAGTGAGTCGTATTACATAGCTGTTTCCTGGAAATTG
      T7 Promotor          Rev Primer
TTATCCGCTATCCGCTCACAATTCCACACAACATACGA
  
```

Sequence:

CACCTAAATTGTAAGCGTTAATATTTTGTAAATTCGCGTTAAATTTTTGTAAATCA
GCTCATTTTTTAACCAATAGGCCGAAATCGGCAAAATCCCTTATAAATCAAAGAATAG
ACCGAGATAGGGTTGAGTGTGTTCCAGTTTGGAAACAAGAGTCCACTATTAAGAACGT
GGACTCCAACGTCAAAGGGCGAAAAACCGTCTATCAGGGCGATGGCCACTACGTGAAC
CATCACCTAATCAAGTTTTTTGGGGTTCGAGGTGCCGTAAAGCACTAAATCGGAACCT
AAAGGGAGCCCCGATTTAGAGCTTGACGGGAAAGCCGGCGAACGTGGCGAGAAAGGA
AGGGAAGAAAGCGAAAGGAGCGGGCGCTAGGGCGCTGGCAAGTGTAGCGGTACGCTGC
GCGTAACCACCACACCCGCCGCGCTTAATGCGCCGTACAGGGCGCGTCCATTGCGCA
TTCAGGCTGCGCAACTGTTGGGAAGGGCGATCGGTGCGGGCCTCTTCGCTATTACGCCA
GCTGGCGAAAGGGGGATGTGCTGCAAGGCGATTAAGTTGGGTAAACGCCAGGGTTTTCCC
AGTCACGACGTTGTA AACCGACGGCCAGTGAATTGCGCGCAATTAACCCCTCACTAAAGG
GAACAAAGATGTGTAACTATAACGGTCTTAAGGTAGCGAGTCGAGTTAATTAATTAAT
CCCCCCCCCCCC==cDNA==>AAAAAAAAAAAAAAAAAGAGCTCTTGGATCCTGCCATT
TCATTACCTCTTTCTCCGCACCCGACATAGATGCATCGCCCCTATAGTGAGTCGTATTA
CATAGCTGTTTCCTGGAAATTGTTATCCGCTATCCGCTCACAAATCCACACAACATACG
AGCCGGAAGCATAAAGTGTAAGCCTGGGGTGCCTAATGAGTGAGCTAACTCACATTAA
TTGCGTTGCGCTCACTGCCCCGCTTTCCAGTCGGGAAACCTGTGCTGCCAGCTGCATTAA
TGAATCGGCCAACCGCGGGGAGAGGCGGTTTGCCTATTGGGCGCTCTTCCGCTTCCTC
GCTCACTGACTCGCTGCGCTCGGTCTGCTCGGTCGCGCGAGCGGTATCAGCTCACTCAA
AGGCGTAATACGGTTATCCACAGAATCAGGGGATAACGCAGGAAAGAACATGTGAGCA
AAAGCCAGCAAAAAGGCCAGGAACCGTAAAAAGGCCGCGTTGCTGGCGTTTTTCCATAG
GCTCCGCCCCCTGACGAGCATCACAAAAATCGACGCTCAAGTCAGAGGTGGCGAAACC
CGACAGGACTATAAAGATAACCAGGCGTTTCCCCCTGGAAGCTCCCTCGTGCGCTCTCCT
GTTCCGACCCTGCCGTTACCGGATACCTGTCCGCTTTCTCCCTTCGGGAAGCGTGGC
GCTTTCTCATAGCTCACGCTGTAGGTATCTCAGTTCGGTGTAGGTGCTTCCGCTCCAAGC
TGGGCTGTGTGCACGAACCCCCCGTTCAGCCCCGACCGCTGCGCCTTATCCGGTAACTAT
CGTCTTGAGTCCAACCCGGTAAGACACGACTTATCGCCACTGGCAGCAGCCACTGGTAA
CAGGATTAGCAGAGCGAGGTATGTAGGCGGTGCTACAGAGTTCTTGAAGTGGTGGCCTA
ACTACGGCTACACTAGAAGGACAGTATTTGGTATCTGCGCTCTGCTGAAGCCAGTTACC
TTCCGAAAAAGAGTTGGTAGCTCTTGATCCGGCAAAACAACCACCGCTGGTAGCGGTGG
TTTTTTTGTGTGCAAGCAGCAGATTACGCGCAGAAAAAAGGATCTCAAGAAGATCCTT
TGATCTTTTCTACGGGGTCTGACGCTCAGTGGAAACGAAACTCACGTTAAGGGATTTTG
GTCATGAGATTATCAAAAAGGATCTTCACCTAGATCCTTTTAAATTAAAAATGAAGTTT
TAAATCAATCTAAAATATATATGAGTAACTTGGTCTGACAGTTACCAATGCTTAATCA
GTGAGGCACCTATCTCAGCGATCTGTCTATTTTCGTTTCATCCATAGTTGCCTGACTCCCC
GTCGTGTAGATAACTACGATACGGGAGGGCTTACCATCTGGCCCCAGTGTGCAATGAT
ACCGCGAGACCCACGCTCACCGGCTCCAGATTTATCAGCAATAAACCAGCCAGCCGGAA
GGGCCGAGCGCAGAAGTGGTCTGCAACTTTATCCGCCTCCATCCAGTCTATTAATTGT
TGCCGGGAAGCTAGAGTAAGTAGTTCGCCAGTTAATAGTTTGCGCAACGTTGTTGCCAT
TGCTACAGGCATCGTGGTGTACGCTCGTCTGTTGGTATGGCTTCATTCAGCTCCGGTT
CCCAACGATCAAGGCGAGTTACATGATCCCCATGTTGTGCAAAAAAGCGTTAGCTCC
TTCGGTCTCCGATCGTTGTGAGAAGTAAGTTGGCCGAGTGTATCACTCATGGTTAT
GGCAGCACTGCATAATCTCTTACTGTGATGCCATCCGTAAGATGCTTTTCTGTGACTG
GTGAGTACTCAACCAAGTCATTCTGAGAATAGTGTATGCGGCGACCGAGTTGCTCTTGC
CCGGCGTCAATACGGGATAAATACCGGCCACATAGCAGAACTTTAAAAGTGCATCAT
TGGAAAACGTTCTTCGGGGCGAAAACTCTCAAGGATCTTACCGCTGTTGAGATCCAGTT
CGATGTAACCCACTCGTGCACCCAACTGATCTTCAGCATCTTTTACTTTTACCAGCGTT
TCTGGGTGAGCAAAAACAGGAAGGCAAAATGCCGCAAAAAGGGGAATAAGGGCGACACG
GAAATGTTGAATACTCATACTCTTCTTTTCAATATTATTGAAGCATTATCAGGGTT



ATTGTCTCATGAGCGGATACATATTTGAATGTATTTAGAAAAATAAACAAATAGGGGT
CCGCGCACATTTCCCGAAAAGTGC