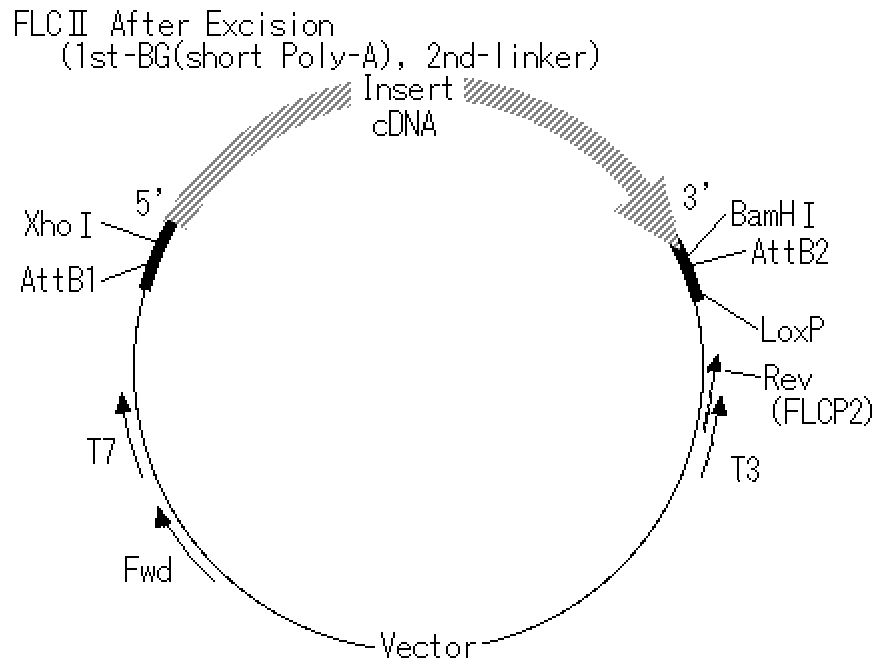


Vector Map: f-s-I detail

Vector Name:	pFLCII
Original Vector:	pBluescript SK(+)
1st Primer for cDNA library construction:	1st-BG primer (short poly-A)
2nd Primer for cDNA library construction:	2nd-linker primer (g-tail less)
Cloning Site (5'>3'):	XhoI, BamHI
Sequence Primer (Fwd, 5'):	M13-21
Sequence Primer (Rev, 3'):	FLCP2

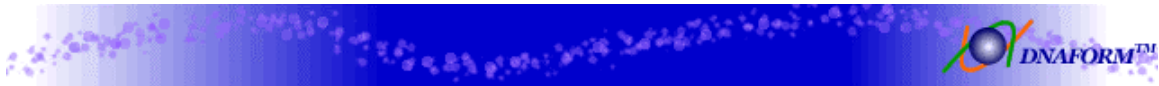


```

GTAACGCCAGGGTTTTCCAGTCACGACGTTGTAAAACGACGGCCAGTGAG
                                     Fwd Primer(M13-21)
CGCGCGTAATACGACTCACTATAGGGCGAATTGGGTACCGGGCCACAAGTT
      T7 Promoter
TGTACAAAAAAGCAGGCTCTCGAGCTCTATTTAGGTGACACTATAGAACCA
      AttB1      Xho I
==cDNA==>AAAACAGTCCGGATCCACCCAGCTTTCTTGTACAAAGTGGTC
      BamHI      AttB2
TAGACCTCTCTTGGCCGCATAACTTCGTATAGCATACATTATACGAAGTT
                                     LoxP
ATGCGGCCGCCACCGGGTGGAGCTCCAGCTTTTGTCCCTTTAGTGAGGG
      Rev Primer(FLCP2)      T3 Promoter
TTAATTGCGCGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAAT
TGTTATCCGCTCACAATTCCACACAACATACGAG
  
```

Sequence:

CTAAATTGTAAGCGTTAATATTTTGTAAAATTTCGCGTTAAATTTTGTAAATCAGCTC
 ATTTTAAACCAATAGGCCGAAATCGGCAAATCCCTTATAAATCAAAGAATAGACCGA
 GATAGGGTTGAGTGTGTTCCAGTTTGGAAACAAGAGTCCACTATTAAAGAACGTGGACTC
 CAACGTCAAAGGGCGAAAAACCGTCTATCAGGGCGATGGCCACTACGTGAACCATCACC
 CTAATCAAGTTTTTTGGGGTTCGAGGTGCCGTAAAGCACTAAATCGGAACCCTAAAGGGAG
 CCCCCGATTTAGAGCTTGACGGGGAAAGCCGGCGAACGTGGCGAGAAAGGAAGGGAAGAA
 AGCGAAAGGAGCGGGCGCTAGGGCGCTGGCAAGTGTAGCGGTACGCTGCGCGTAACCAC
 CACACCCGCCGCGCTTAATGCGCCGCTACAGGGCGCGTCCATTTCGCCATTACAGGCTGCG
 CAACTGTTGGGAAGGGCGATCGGTGCGGGCCTCTTCGCTATTACGCCAGCTGGCGAAAGG
 GGGATGTGCTGCAAGGCGATTAAGTTGGGTAACGCCAGGGTTTTCCAGTACGACGT**TG**
TAAAACGACGGCCAGTGAGCGCGC**GTAATACGACTCACTATAGGGC**GAATTGGGTACCGG
 Fwd Primer T7 Promoter
 GCC**ACAAGTTTGTACAAAAAGCAGGCTCTCGAG**CTCTATTTAGGTGACACTATAGAACC
 AttB1 XhoI
 A==cDNA==>AAAACAGTCC**GGATCC**ACCAGCTTTCTTGTACAAAGTGGTCTAGACCTC
 BamHI AttB2
 TCTTGGCCGC**ATAACTTCGTATAGCATAATTATACGAAGTTAT**GCGGCCGCCACCGCGG
 LoxP
 TGGAGCT**CCAGCTTTTGTTCCTTTAGTGA** GGGTTAATTGCGCGCTTGGCGTAATCATG
 Rev Primer T3 Promoter
 GTCATAGCTGTTTCTGTGTGAAATTGTTATCCGCTCACAATTCACACAACATACGAGC
 CGGAAGCATAAAGTGTAAGCCTGGGGTGCCTAATGAGTGAGCTAACTCACATTAATTGC
 GTTTCGCTCACTGCCCGCTTCCAGTCCGGAAACCTGTGCTGCCAGCTGCATTAATGAAT
 CGGCCAACGCGCGGGGAGAGGCGGTTTGCCTATTGGGCGCTCTTCCGCTTCTCGCTCAC
 TGACTCGCTCGCTCGTTCGGTTCGGTGCAGCGGATCAGCTCACTCAAAGGCGGT
 AATACGGTTATCCACAGAATCAGGGGATAACGCAGGAAAGAACATGTGAGCAAAAGGCCA
 GAAAAAGGCCAGGAACCGTAAAAAGCCGCGTTGCTGGCGTTTTTCCATAGGCTCCGCC
 CCCTGACGAGCATCACAAAAATCGACGCTCAAGTCAGAGGTGGCGAAACCCGACAGGACT
 ATAAAGATAACAGGCGTTTTCCCCCTGGAAGCTCCCTCGTGCCTCTCCTGTTCCGACCCT
 GCCGCTTACCGGATACCTGTCCGCTTTCTCCCTTCGGAAGCGTGGCGCTTTCTCATAG
 CTCACGCTGTAGGTATCTCAGTTCGGTGTAGGTCTTCGCTCCAAGCTGGGCTGTGTGCA
 CGAACCCCGCTTCCAGCCGACCGCTGCGCCTTATCCGGTAACTATCGTCTTGAGTCCAA
 CCCGGTAAGACACGACTTATCGCCACTGGCAGCAGCCACTGGTAAACAGGATTAGCAGAGC
 GAGGTATGTAGGCGGTGCTACAGAGTTCCTGAAGTGGTGGCCTAACTACGGCTACACTAG
 AAGGACAGTATTTGGTATCTGCGCTCTGCTGAAGCCAGTTACCTTCGGA AAAAGAGTTGG
 TAGCTCTTGATCCGGCAAACAAACCACCGCTGGTAGCGGTGGTTTTTTTGTGTTGCAAGCA
 GCAGATTACGCGCAGAAAAAAGGATCTCAAGAAGATCCTTTGATCTTTTCTACGGGGTC
 TGACGCTCAGTGGAACGAAAACCTCACGTTAAGGGATTTTGGTCATGAGATTATCAAAAAG
 GATCTTACCTAGATCCTTTTAAATTA AAAATGAAGTTTTTAAATCAATCTAAAGTATATA
 TGAGTAAACTTGGTCTGACAGTTACCAATGCTTAATCAGTGAGGCACCTATCTCAGCGAT
 CTGTCTATTTTCGTTTATCCATAGTTGCCTGACTCCCCGTCGTGTAGATAACTACGATACG
 GGAGGGCTTACCATCTGGCCCCAGTGTGCAATGATACCGCGAGACCCACGCTCACCGGC
 TCCAGATTTATCAGCAATAAACCAGCCAGCCGGAAGGGCCGAGCGCAGAAGTGGTCTTCG
 AACTTTATCCGCTCCATCCAGTCTATTAATTGTTGCCGGAAGCTAGAGTAAGTAGTTC
 GCCAGTTAATAGTTTGCACAACGTTGTTGCCATTGCTACAGGCATCGTGGTGTACGCTC
 GTCGTTTGGTATGGCTTCATTCAGCTCCGGTTCCTAACGATCAAGGCGAGTTACATGATC
 CCCATGTTGTGCAAAAAGCGGTTAGCTCCTTCGGTCTCCGATCGTTGTGCAAGTAA
 GTTGGCCGAGTGTATCACTCATGGTTATGGCAGCACTGCATAATTCTCTTACTGTTCAT
 GCCATCCGTAAGATGCTTTTCTGTGACTGGTGAGTACTCAACCAAGTCATTCTGAGAATA
 GTGTATGCGGCGACCGAGTTGCTCTTGCCCGCGTCAATACGGGATAATACCGGCCACA
 TAGCAGAACTTTAAAAGTGCTCATATTGGA AAAACGTTCTTCGGGGCGAAAACCTCTCAAG
 GATCTTACCGCTGTTGAGATCCAGTTCGATGTAACCCACTCGTGCACCCAACTGATCTTC
 AGCATCTTTTACTTTTACCAGCGTTTCTGGGTGAGCAAAAACAGGAAGGCAAAAATGCCGC
 AAAAAGGGAATAAGGGCGACACGGAAATGTTGAATACTCATACTCTTCTTTTCAATA



TTATTGAAGCATTTCAGGGTTATTGTCTCATGAGCGGATACATATTTGAATGTATTTA
GAAAAATAAACAAATAGGGGTTCCGCGCACATTTCCCGAAAAGTGCCAC