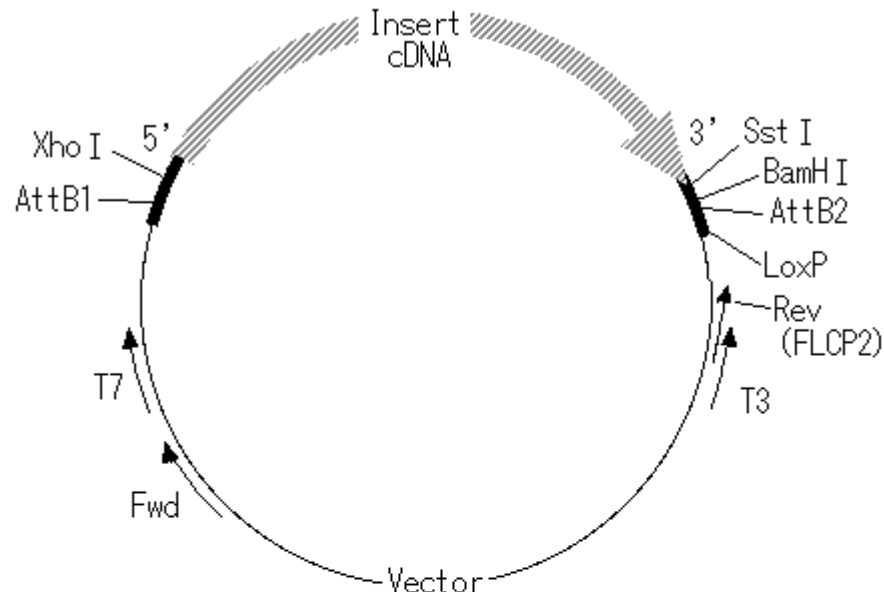


### Vector Map: FX detail

Vector Name:	pFLCII
Original Vector:	pBluescript SK(+)
1st Primer for cDNA library construction:	1st-BS primer
2nd Primer for cDNA library construction:	2nd-NX/X primer
Cloning Site (5'>3'):	XhoI, SstI, BamHI
Sequence Primer (Fwd, 5'):	M13-21
Sequence Primer (Rev, 3'):	FLCP2

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

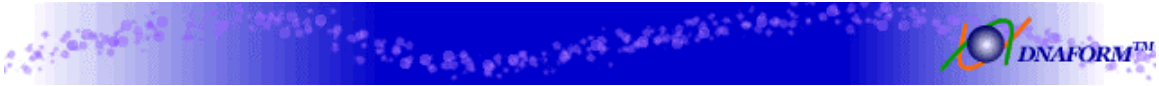


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GTAACGCCAGGGTTTTCCAGTCACGACGTTGTAAAACGACGGCCAGTGAG
                                     Fwd Primer(M13-21)
CGCGCGTAATACGACTCACTATAGGGCGAATTGGGTACCGGGCCACAAGTT
                                     T7 Promotor
TGTACAAAAAAGCAGGCTCTCGAGTTAATTAATTAATCCCCCCCCCCCCC
AttB1                               Xho I
==cDNA==>AAAAAAAAAAAAAAAAAGAGCTCTTGGATCCACCCAGCTTTCT
                                     Sst I   BamHI
TGTACAAAGTGGTCTAGACCTCTCTGGCCGCATAACTTCGTATAGCATACA
AttB2
TTATACGAAGTTATGCGGCCGCCACCGCGGTGGAGCTCTAGCTTTTGGTCC
LoxP                               Rev Primer(FLCP2)
CTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCATGGTCATAGCTGTT
T3 Promotor
TCTGTGTGAAAT TGTTATCCGCTCACAATTCCACACAACATACGAG
  
```

Sequence:

CTAAATTGTAAGCGTTAATATTTTGTAAAATTTCGCGTTAAATTTTGTAAATCAGCTC  
 ATTTTAAACCAATAGGCCGAAATCGGCAAAATCCCTTATAAATCAAAGAATAGACCGA  
 GATAGGGTTGAGTGTGTTCCAGTTTGGAAACAAGAGTCCACTATTAAAGAACGTGGACTC  
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 CTAATCAAGTTTTTTGGGGTTCGAGGTGCCGTAAAGCACTAAATCGGAACCCTAAAGGGAG  
 CCCCCGATTTAGAGCTTGACGGGGAAAGCCGGCGAACGTGGCGAGAAAGGAAGGGAAGAA  
 AGCGAAAGGAGCGGGCGCTAGGGCGCTGGCAAGTGTAGCGGTACGCTGCGCGTAACCAC  
 CACACCCGCCGCGCTTAATGCGCCGTACAGGGCGCGTCCATTTCGCCATTACAGGCTGCG  
 CAACTGTTGGGAAGGGCGATCGGTGCGGGCCTCTTCGCTATTACGCCAGCTGGCGAAAGG  
 GGGATGTGCTGCAAGGCGATTAAGTTGGGTAACGCCAGGGTTTTCCAGTACGACGT**TG**  
**TAAACGACGGCCAGT**GAGCGCGC**GTAATACGACTCACTATAGGGC**GAATTGGGTACCGG  
 Fwd Primer T7 Promotor  
 GCC**ACAAGTTTGTACAAAAAGCAGGCTCTCGAG**TTAATTAAATTAATCCCCCCCCCCC  
 AttB1 XhoI  
 C==cDNA==>AAAAAAAAAAAAAAAA**GAGCTC**TT**GGATCC**ACCAGCTTTCTTGTACAAA  
 SstI BamHI AttB2  
**GTGG**TCTAGACCTCTCTTGGCCGC**ATAACTTCGTATAGCATA**CATTATACGAAGTTATGC  
 LoxP  
 GGCCGCCACCGCGGTGGAGC**TCCAGCTTTTGTCCCTTAGTGA** GGGTTAATTGCGCGC  
 Rev Primer T3 Promotor  
 TTGGCGTAATCATGGTCATAGCTGTTTCCCTGTGTGAAATTGTTATCCGCTCACAATTCCA  
 CACAACATACGAGCCGGAAGCATAAAGTGTAAGCCTGGGGTGCCTAATGAGTGAGCTAA  
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CCAC