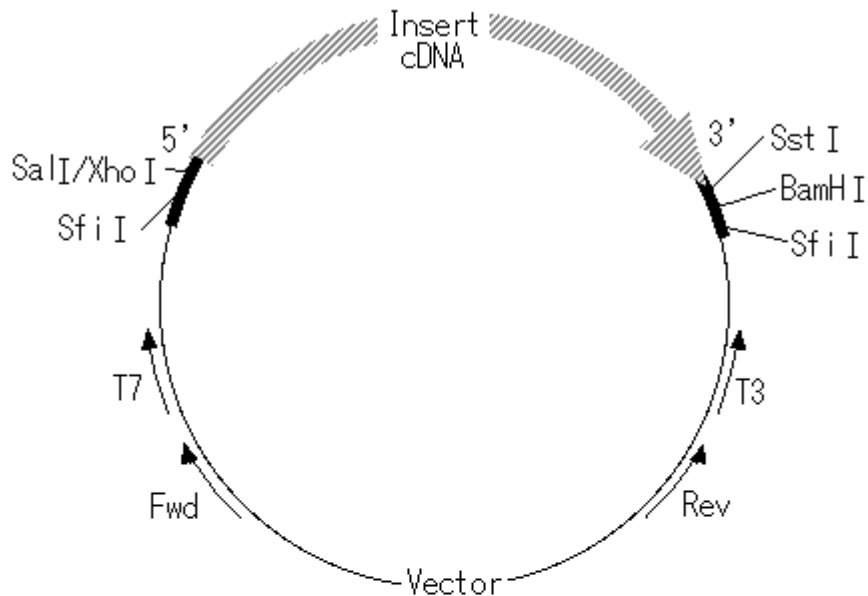


Vector Map: PX(PY) detail

Vector Name:	pFLCI
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

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



```

TAACGCCAGGGTTTTCCAGTCACGACGTTGTA AAAACGACGGCCAGTGAATT
                                     Fwd Primer
GTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGC
T7 Promoter
ATAACTTCGTATAGCATACATTATACGAAGTTATGGATCAGGCCAAATCGGC
Sfi I
CGAGCTCGAATTCGTCGAGTTAATTAATAATCCCCCCCCCCCCC==cDNA
Sal I /Xho I
=>AAAAAAAAAAAAAAAAAGAGCTCTTGGATCCGGCCATAAGGGCCTGATCCT
Sst I BamHI Sfi I
TCGAGGGGGGGCCCGGTACCAGCTTTTGTCCCTTTAGTGAGGGTTAATTC
T3 Promoter
GAGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATCCG
Rev Primer(1233)
CTCACAATTCCACACAACATACGAGCCGGAAG

```

Sequence:

CACCTAAATTGTAAGCGTTAATATTTTTGTTAAAAATTCGCGTTAAAATTTTTGTTAAATCA
GCTCATTTTTTAAACCAATAGGCCGAAATCGGCAAAATCCCTTATAAATCAAAGAATAG
ACCGAGATAGGGTTGAGTGTGTTCCAGTTTGGAACAAGAGTCCACTATTAAGAACGT
GGACTCCAACGTCAAAGGGCGAAAAACCGTCTATCAGGGCGATGGCCACTACGTGAAC
CATCACCTAATCAAGTTTTTTGGGGTTCGAGGTGCCGTAAAGCACTAAATCGGAACCT
AAAGGGAGCCCCGATTTAGAGCTTGACGGGGAAAGCCGGCGAACCTGGCGAGAAAGGA
AGGGAAGAAAGCGAAAGGAGCGGGCGTAGGGCGCTGGCAAGTGTAGCGGTACGCTGC
GCGTAACCACCACACCCGCCGCGCTTAATGCGCCGCTACAGGGCGGTCCCATTGCGCA
TTCAGGCTGCGCAACTGTTGGGAAGGGCGATCGGTGCGGGCCTCTTCGCTATTACGCCA
GCTGGCGAAAGGGGATGTGCTGCAAGGCGATTAAAGTTGGGTAAACGCCAGGGTTTTCCC
AGTCACGACGTTGTA AACGACGGCCAGTGAATTGTAATACGACTCACTATAGGGCGAA
Fwd Primer T7 Promotor
TTGGAGCTCCACCGCGTGGCGGCCATAACTTCGTATAGCATACTATAACGAAGTT
ATGGATCAGGCCAAATCGGCCGAGCTCGAATTCGTCGAGTTAATTAATTAATCCCCC
SfiI SalI/XhoI
CCCCCC==cDNA==>AAAAAAAAAAAAAAAAAGAGCTCTTGGATCCGGCCATAAGGGCC
SstI BamHI SfiI
TGATCCTTCGAGGGGGGCCCGGTACCAGCTTTTGTTCCCCTTTAGTGAGGGTTAATTTC
T3 Promotor
GAGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCACAA
Rev Primer
TTCCACACAACATACGAGCCGGAAGCATAAAGTGTAAAGCCTGGGGTGCCTAATGAGTG
AGCTAACTCACATTAATTGCGTTGCGCTCACTGCCCGCTTTCAGTTCGGGAAACCTGTC
GTGCCAGCTGCATTAATGAATCGGCCAACGCGCGGGGAGAGGCGTTTGCCTATTGGGC
GCTCTTCCGCTTCTCGCTCACTGACTCGCTGCGCTCGGTGCTTCGGCTGCGGCGAGCG
GTATCAGCTCACTCAAAGGCGGTAATACGGTTATCCACAGAATCAGGGGATAACGCAGG
AAAGAACATGTGAGCAAAGGCCAGCAAAGGCCAGGAACCGTAAAAAGGCCGCTTGC
TGGCGTTTTTCCATAGGCTCCGCCCCCTGACGAGCATCACAAAAATCGACGCTCAAGT
CAGAGGTGGCGAAACCCGACAGGACTATAAAGATAACAGGCGTTTCCCCCTGGAAGCTC
CCTCGTGCGCTCTCCTGTTCCGACCCTGCCGCTTACCGGATACCTGTCCGCTTTCTCC
CTTCGGGAAGCGTGGCGCTTTCTCATAGCTCACGCTGTAGGTATCTCAGTTCCGGTGTAG
GTGCTTCGCTCCAAGCTGGGCTGTGTGCACGAACCCCCGTTTCCAGCCGACCGCTGCGC
CTTATCCGGTAACTATCGTCTTGAGTCCAACCCGGTAAGACACGACTTATCGCCACTGG
CAGCAGCCACTGGTAACAGGATTAGCAGAGCGAGGTATGTAGGCGGTGCTACAGGTTT
TTGAAGTGGTGGCCTAACTACGGCTACACTAGAAGGACAGTATTGGTATCTGCGCTCT
GCTGAAGCCAGTTACTTTCGAAAAAGAGTTGGTAGCTCTTGATCCGGCAAACAAACCA
CCGCTGGTAGCGGTGGTTTTTTTTGTTTGCAGCAGCAGATTACGCGCAGAAAAAAGGA
TCTCAAGAAGATCCTTTGATCTTTTCTACGGGGTCTGACGCTCAGTGGAACGAAAATC
ACGTTAAGGGATTTTGGTCATGAGATTATCAAAAAGGATCTTACCTAGATCCTTTTAA
ATTAATAATGAAGTTTTAAATCAATCTAAAGTATATATGAGTAACTTGGTCTGACAGT
TACCAATGCTTAATCAGTGAGGCACCTATCTCAGCGATCTGTCTATTTTCGTTTATCCAT
AGTTGCCTGACTCCCCGTGCTGTAGATAACTACGATACGGGAGGGCTTACCATCTGGCC
CCAGTGCTGCAATGATACCGCGAGACCCACGCTCACCGGCTCCAGATTTATCAGCAATA
AACCAGCCAGCCGGAAGGGCCGAGCGCAGAAGTGGTCTGCAACTTTATCCGCTCCAT
CCAGTCTATTAATTGTTGCCGGAAGCTAGAGTAAGTAGTTCGCCAGTTAATAGTTTGC
GCAACGTTGTTGCCATTGCTACAGGCATCGTGGTGTACGCTCGTCTGTTGGTATGGCT
TCATTAGCTCCGCTCCCAACGATCAAGGCGAGTTACATGATCCCCATGTTGTGCAA
AAAAGCGGTTAGCTCCTTCGGTCCCGATCGTTGTCAGAAGTAAGTTGGCCGAGTGT
TATCACTCATGGTTATGGCAGCACTGCATAATTCTCTTACTGTGATGCCATCCGTAAGA
TGCTTTTCTGTGACTGGTGAGTACTCAACCAAGTCATTCTGAGAAAGTGTATGCGGCG
ACCGAGTTGCTCTTGCCCGCGTCAATACGGGATAATACCGCGCCACATAGCAGAACTT
TAAAAGTGCTCATCATTTGAAAAACGTTCTTCGGGGCGAAAATCTCAAGGATCTTACC
CTGTTGAGATCCAGTTCGATGTAACCACTCGTGCACCAACTGATCTTACGATCTTT
TACTTTCACCAGCGTTTCTGGGTGAGCAAAAACAGGAAGGCAAAATGCCGAAAAAAGG
GAATAAGGGCGACACGGAATGTTGAATACTCATACTCTTCTTTTTTCAATATTATTGA



AGCATTTATCAGGGTTATTGTCTCATGAGCGGATACATATTTGAATGTATTTAGAAAA
TAAACAAATAGGGGTTCGCGCACATTTCCCCGAAAAGTGC