

Vector pFLCI mod:

RIKEN FANTOM Clone ID G270140L11 was initially provided in vector pFLC II, and later converted into vector pFLCI mod and denoted as ID: G270140L11/FLC1 (1).

Vector Name: pFLCI mod

Original Vector: pBluescript KS(+)

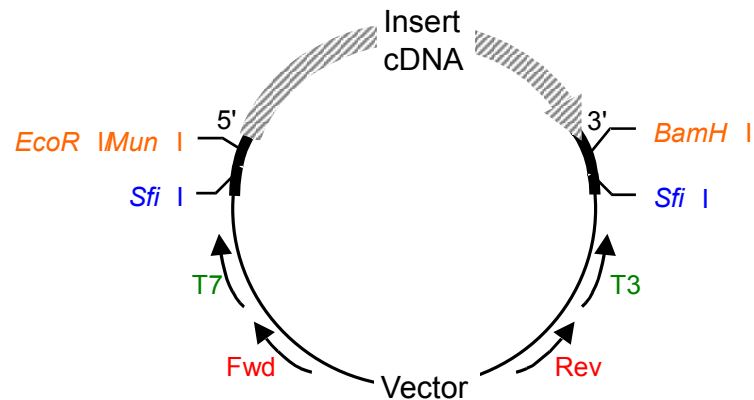
1st Primer for cDNA library construction: 1st-BG primer (short poly-A)

2nd Primer for cDNA library construction: 2nd-linker primer (g-tail less)

Cloning Site (5'>3'): Sall/XhoI, BamHI (Sall/XhoI deleted conversion)

Sequence Primer (Fwd, 5'): M13-21

Sequence Primer (Rev, 3'): 1233



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TAACGCCAGGGTTTTCCAGTCACGACGTTGTAAAAACGACGGCCAGTGAATT
                                     Fwd Primer (M13-21)
GTAATACGACTCACTATAGGGCGAATTGGAGCTCCACC GCGGTGGCGGCCGC
      T7 Promoter
ATAACTTCGTATAGCATACATTATACGAAGTTATGGATCAGGCCAAATCGGCCG
                                               Sfi I
AGCTCGAATTGCTCTATTTAGGTGACACTATAGAACCA==cDNA==>AAAACAG
      EcoR I/Mun I
TCCGGATCCGGCCATAAGGGCCTGATCCTTCGAGGGGGGGCCCGGTACCAG
      BamH I           Sfi I
CTTTTGTTCCCCTTTAGTGAGGGTTAATTTCGAGCTTGGCGTAATCATGGTCATA
      T3 Promoter
GCTGTTTCCTGTGTGAAATTGTTATCCGCTCACAATCCACACAACATACGAG
      Rev Primer (1233)
CCGGAAG
  
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The cloning sites within the poly linker have been modified during the conversion as indicated in the above, whereas the vector backbone remained unchanged. Thus any vector sequence as given for clones provided in the vector pFLCI could be applied here to describe the vector backbone of the new construct G270140L11/FLC1 (1).