Homo sapiens chromosome 1\_On '-' strand of Chromosome 11 (NC\_000011.10)

Nucleotide Sequence (333 nt):

ATGGCCCTGTGGATGCGCCTCCTGCCCCTGCTGGCGCTGCTGGCCCTCTGGGGACCTGACCCAGCCGCAG

CCTTTGTGAACCAACACCTGTGCGGCTCACACCTGGTGGAAGCTCTCTACCTAGTGTGCGGGGAACGAGG

CTTCTTCTACACACCCAAGACCCGCCGGGAGGCAGAGGACCTGCAGGTGGGGCAGGTGGAGCTGGGCGGG

GGCCCTGGTGCAGGCAGCCTGCAGCCCTTGGCCCTGGAGGGGTCCCTGCAGAAGCGTGGCATTGTGGAAC

AATGCTGTACCAGCATCTGCTCCCTCTACCAGCTGGAGAACTACTGCAACTAG

Translation (110 aa):

MALWMRLLPLLALLALWGPDPAAAFVNQHLCGSHLVEALYLVCGERGFFYTPKTRREAEDLQVGQVELGG

GPGAGSLQPLALEGSLQKRGIVEQCCTSICSLYQLENYCN

1. median GC%: 40.4
2. 테이블이(가) 표시된 사진

   자동 생성된 설명
3. 텍스트이(가) 표시된 사진

   자동 생성된 설명

Fig. 4 Diagram and sequence representing the construction of the human preprominiinsulin expression plasmid. A. The PCR amplified human preprominiinsulin cDNA driven by 35S promoter, which was fused to C-terminus of RFP was ligated with plant expression pTRAkt vector. The diagram of human preprominiinsulin recombinant gene was showed as [N terminus → tobacco E2 signal peptide → B-peptide (1-29 AA) → AAK → A-peptide (1-21 AA) → RR → His6 → KDEL → C terminus]. B. The sequences of nucleotides and amino acids of recombinant preprominiinsulin