Bioinformatics informations for Constructed Mammalian expression vector using nested PCR technique

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Abstract : Present study aims to used virtual design to transfer cytomegalovirus premotor (CMV) and red fluorescence protein gene (RFP) to mammalian expression vector by nested PCR technique, free bioinformatics soft wear were used to design primers, linkers and vector maps, the results show that DII design had 6179bp which created by insertion 1463 bp after cutting with *AflII* which insert in GFP- vector at site 1618 bp. The nested PCR product were 1473 bp ,1461 bp without any addition , 1481 bp after linker and supported nucleotides addition using nested PCR .1463 bp after cutting with *AflII* which insert in GFP- vector at site 1618 bp.
Key words : virtual design, nested PCR technique, free bioinformatics soft wear.

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