

Gene Synthesis Services

One-stop service of gene, cloning, point mutations

Our synthesis technology is not reliant on PCR

Many difficult gene synthesis methods

Codon optimization service for free

Competitive price

Fast: fastest five working days delivery for simple gene under 1Kb

Stable: complete project management, stable production process

Accurate: sequence is 100% correct; NanoDrop 2000c accurate determination of concentration and purity

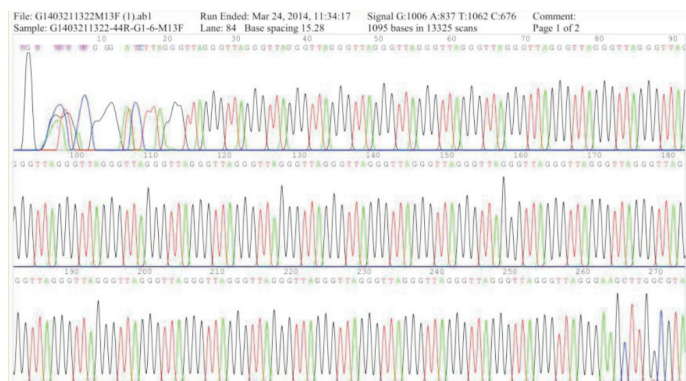
Resolute: difficult gene, synthesis strength

Final delivery:

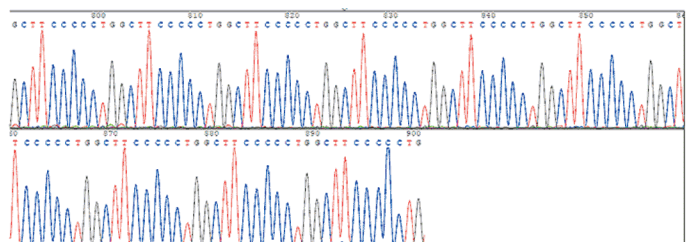
2-4 μ g high purity plasmid
Lyophilized powder (the default vector pUC57), piercing bacteria, sequencing report, COA report, sqd files

Case:

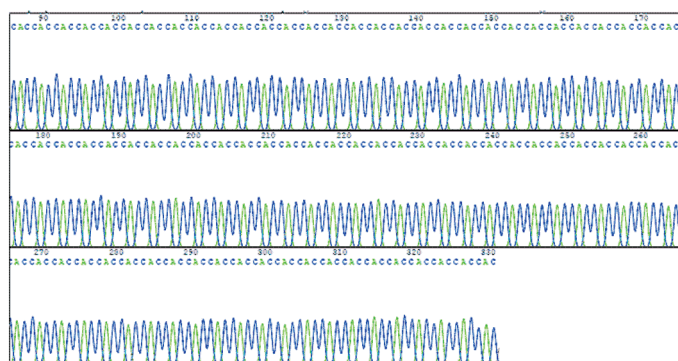
{GGGTTA}₄₂



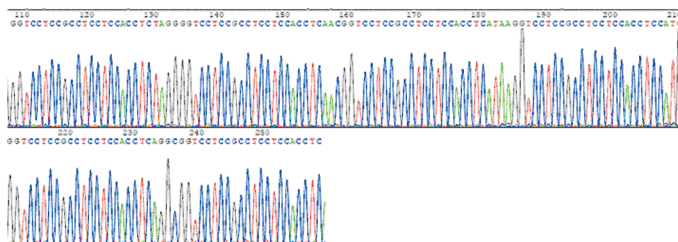
{GCTTCCCCCTG}₁₀



{CAC}₈₂



{GGTCCTCCGCTCCTCCACCTC}₆



Vector Construction & Point Mutation Services

ShRNA vector construction

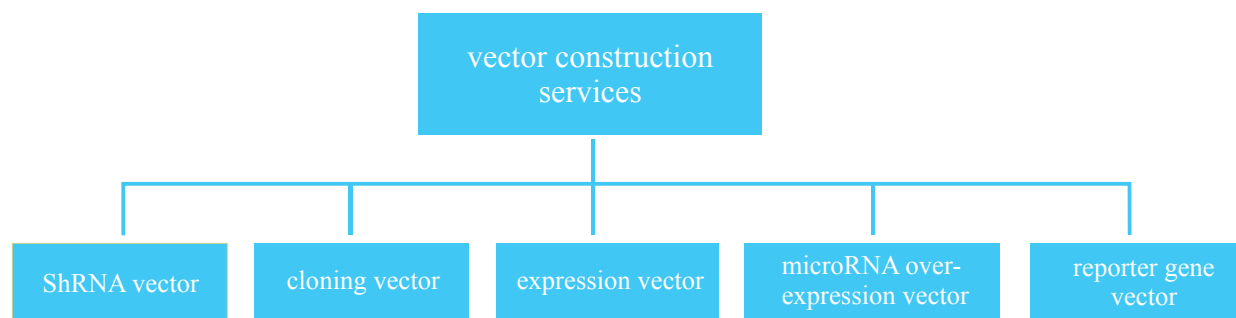
RNA interference (RNAi) refers to the phenomenon that the evolution is high conserved, double-stranded RNA induces homologous mRNA specificity degradation. Cusabio provides you with efficient, fast shRNA vector construction service, and constructs the target sequence into the expression vector in the form of hairpin. It can transcribe continuously & efficiently and process to produce effector molecules, finally ensuring the interference efficiency on the great degree.

Advantages:

- ShRNA vector construction, 100% pass the hairpin area, failed construction does not charge any fees;
- For anthropogenic gene, Cusabio designs the target spot and ensures more than 70% interference efficiency;
- DIY construction, we can design and countcut the vector according to your special demand.

Your satisfaction is our final goal !

In addition, we also provide you with a variety of value cloning and expression vector construction services.



Point mutation

We generally use PCR technology to do directional or random mutations for mutation sites on the basis of guaranteeing fidelity in original sequence, types including bases addition, deletion, mutations etc. It is the common research means of genetic evolution, protein engineering, enzyme engineering etc.

Advantages:

- ◆ Absolutely guarantee the fidelity in the area of gene without mutation and vector;
- ◆ All mutations within 24bp for one step and we only charge the fees of one site;
- ◆ Normative, strict standards of quality controlling;

Contact us:

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