

Please enter the AA sequence using "<number>" to note the substitutions.

Amino acid sequence:

Please enter the DNA sequence using "<number>" for the substitution sites.

DNA sequence:

Size of the library:

Expressing system: E.Coli ▼

Upload the expected occurrence rates in excel file. [EXAMPLE](#)

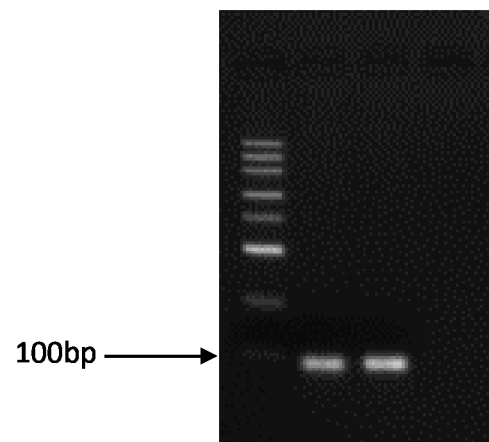
Select a file

No files selected

Calculate

Reset

*Fig. 1*



*Fig. 2*

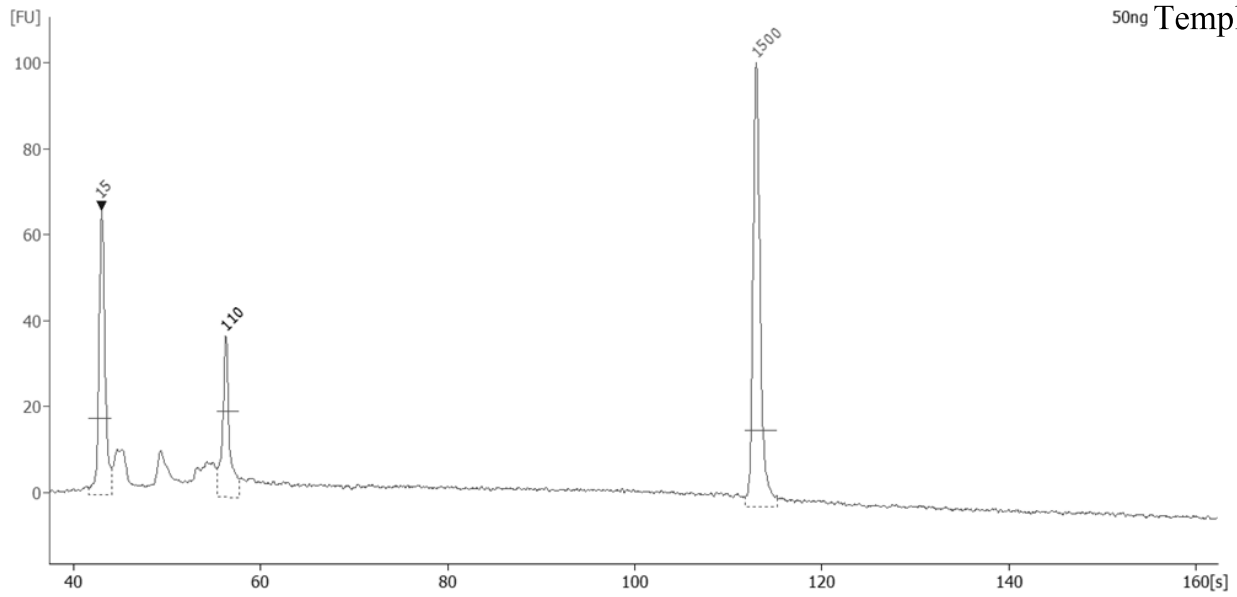


Fig. 3

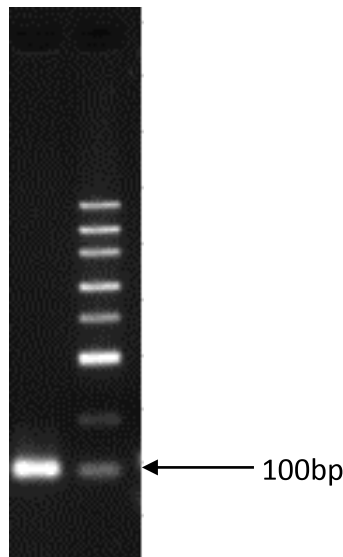


Fig. 4

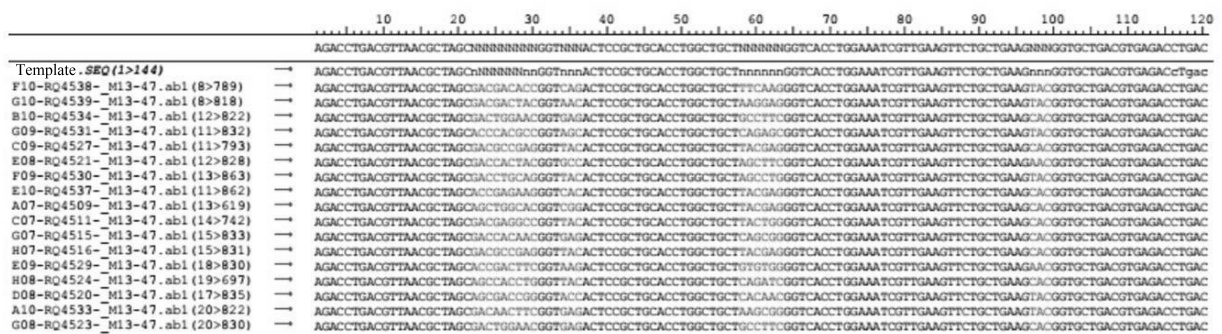


Fig. 5

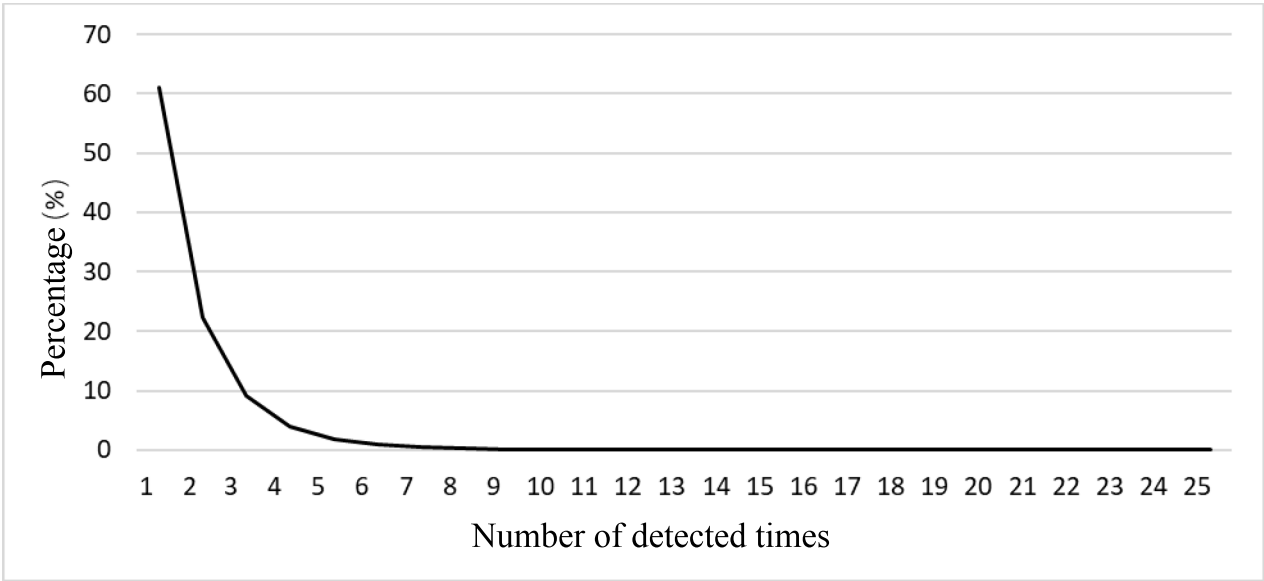


Fig.6

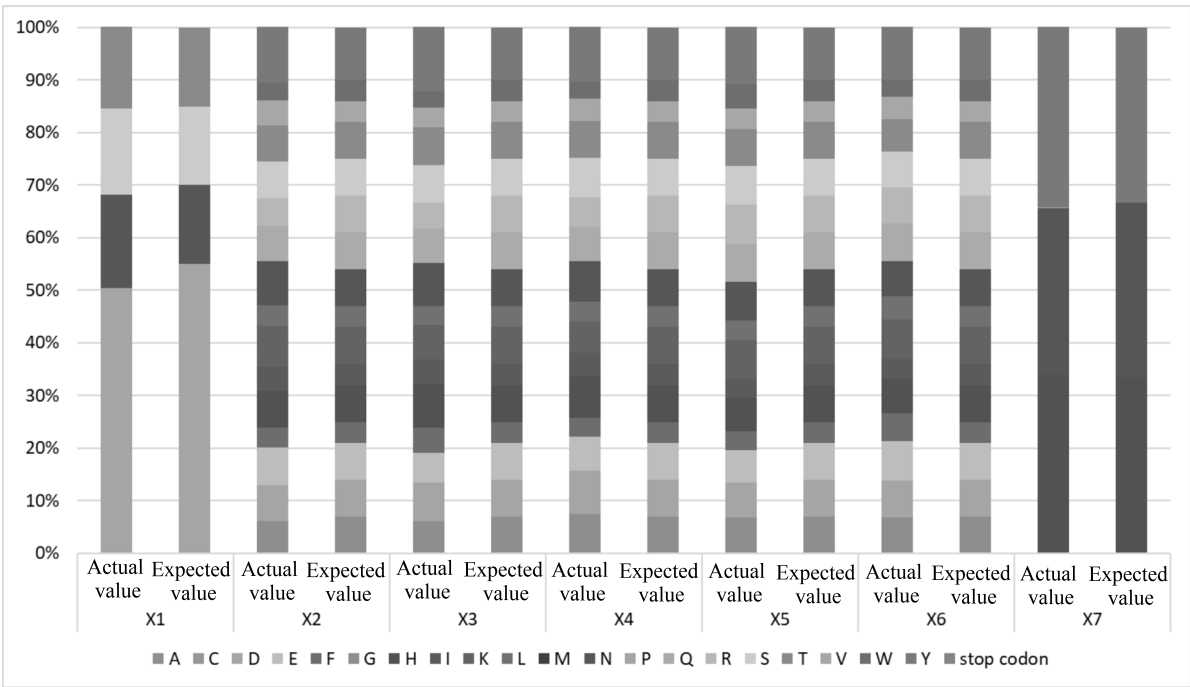


Fig. 7

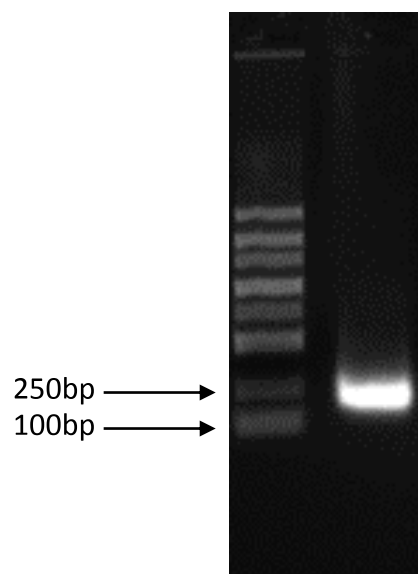


Fig. 8

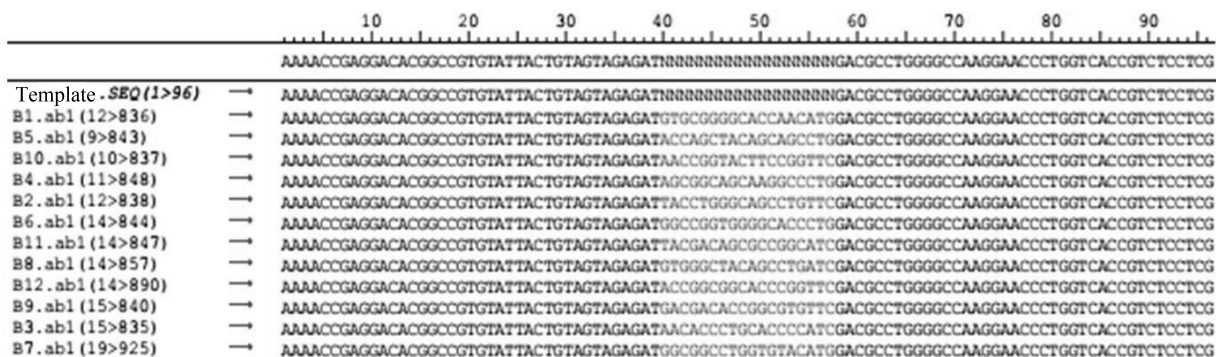


Fig. 9

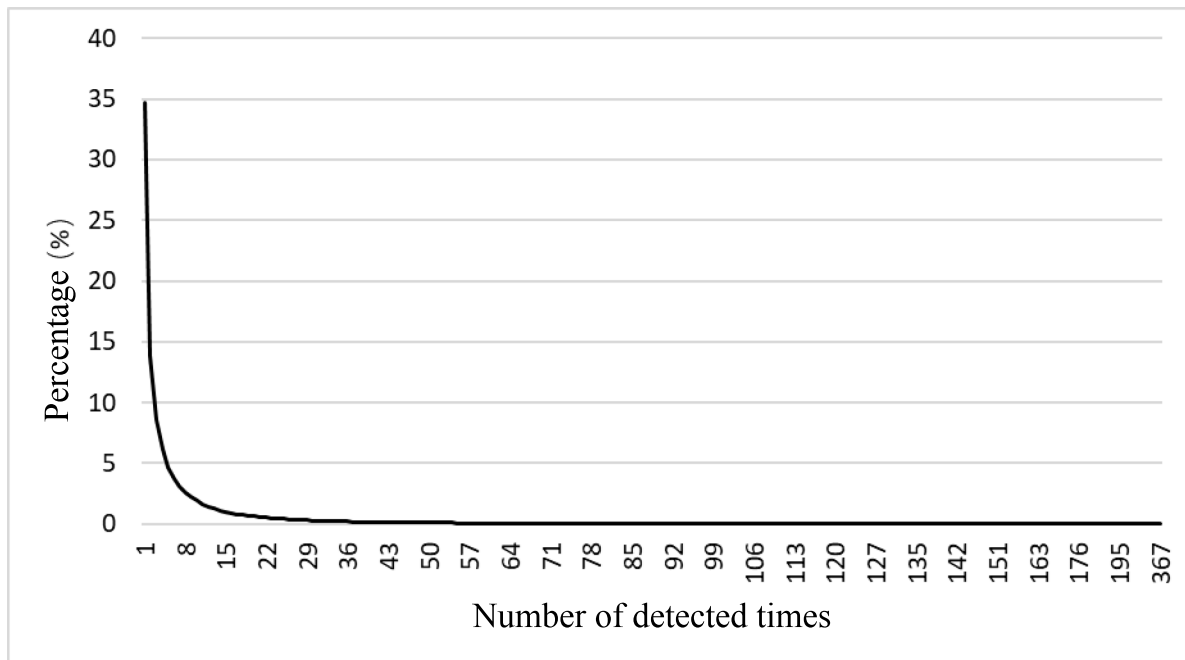


Fig. 10

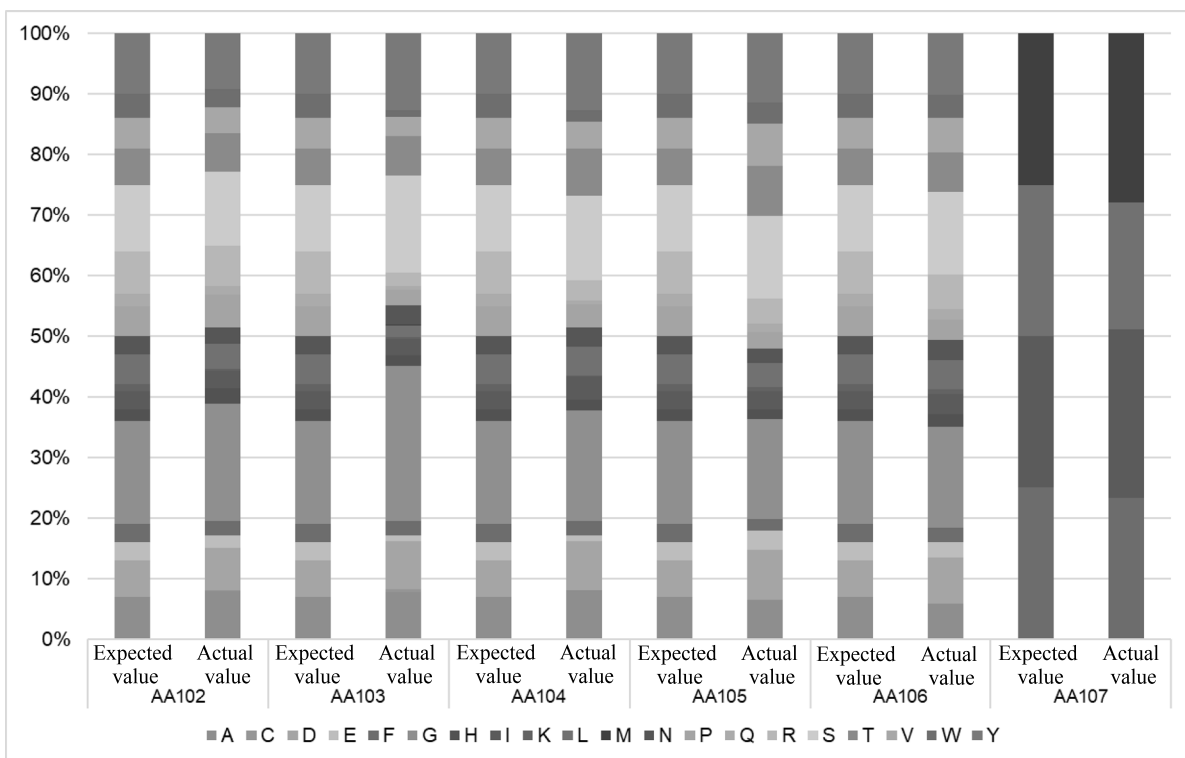


Fig. 11