FIG. 1

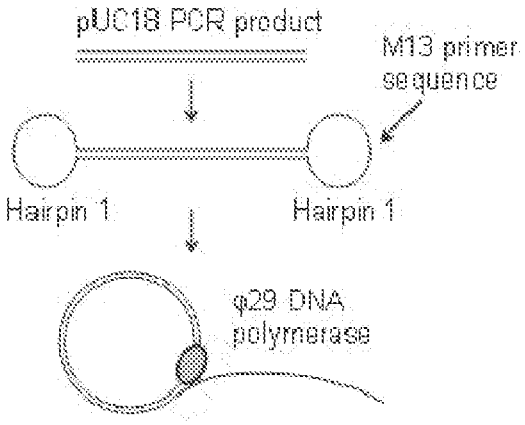
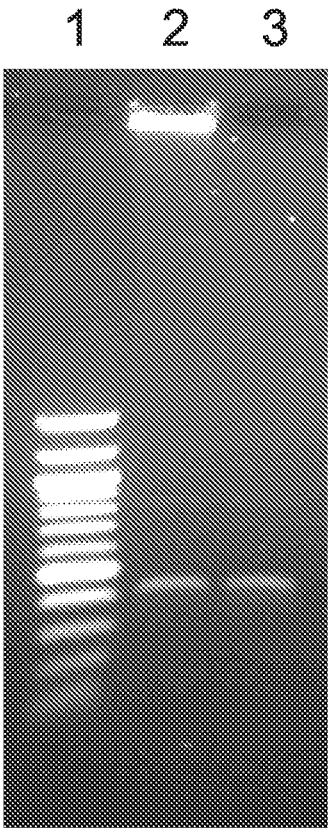

pUC18 PCR product
M13 primer sequence
Hairpin 1
Hairpin 1
φ29 DNA polymerase

FIG. 2


1
2
3

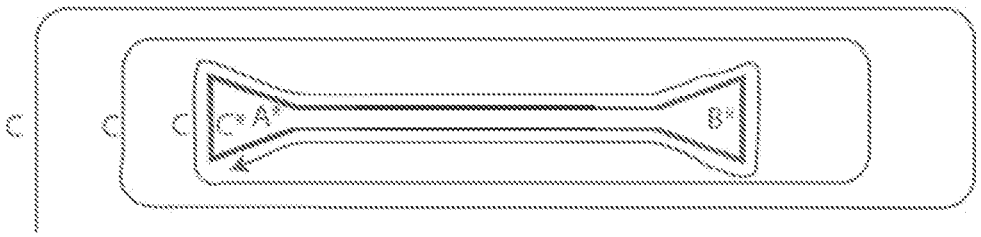


FIG. 3

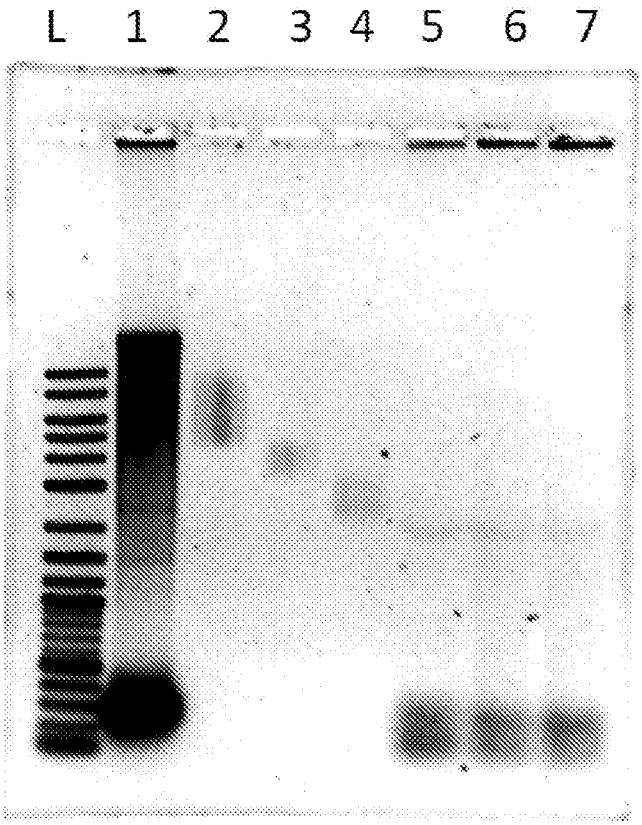


FIG. 4

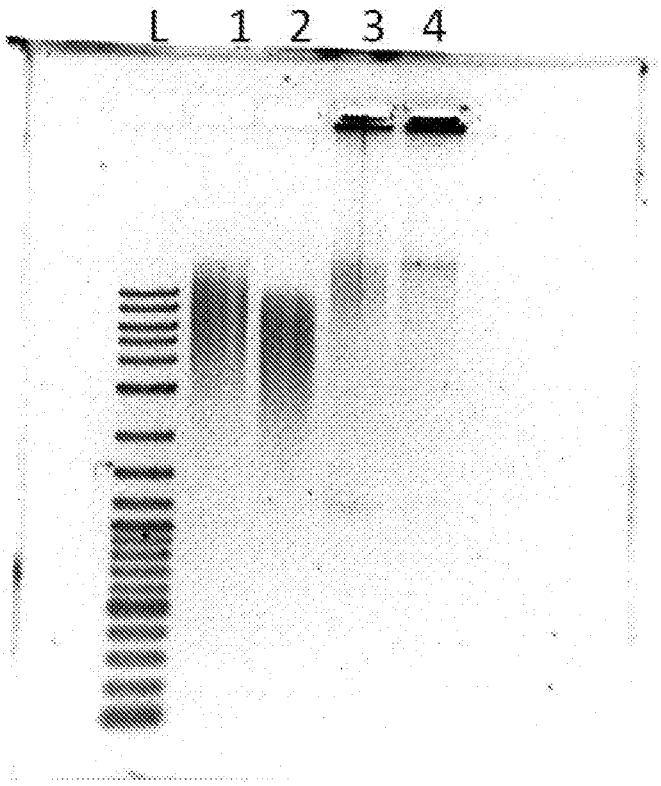


FIG. 5

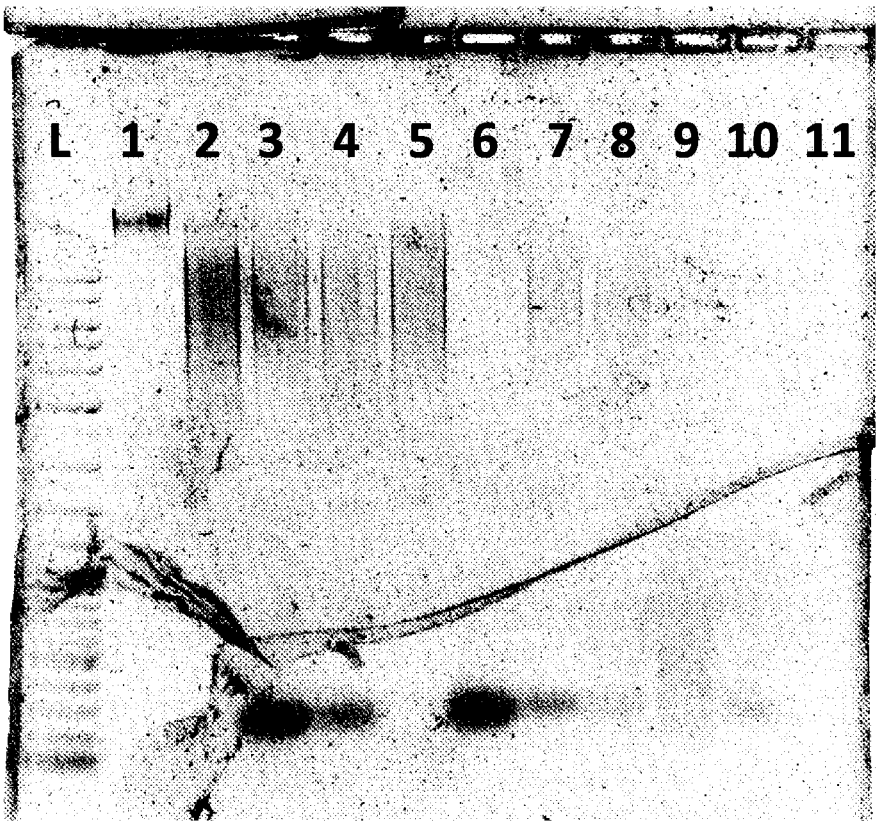


FIG. 6

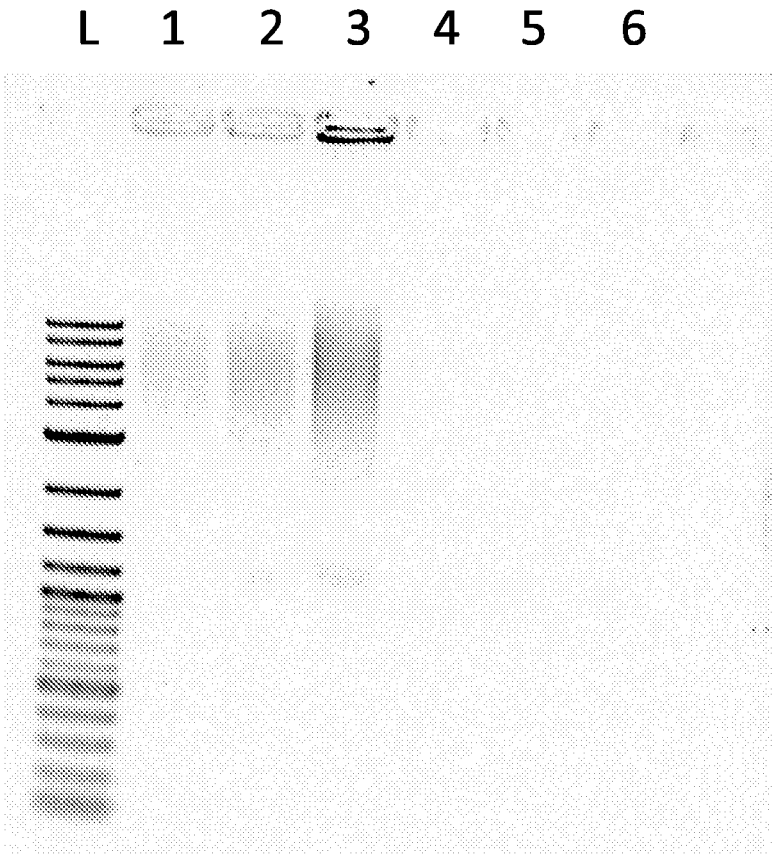


FIG. 7

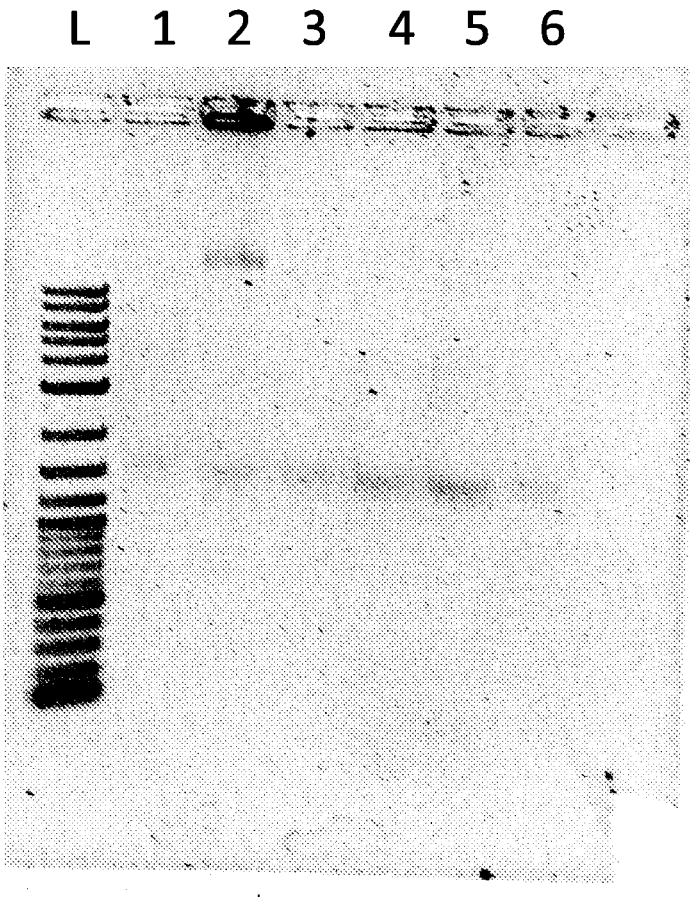


FIG. 8

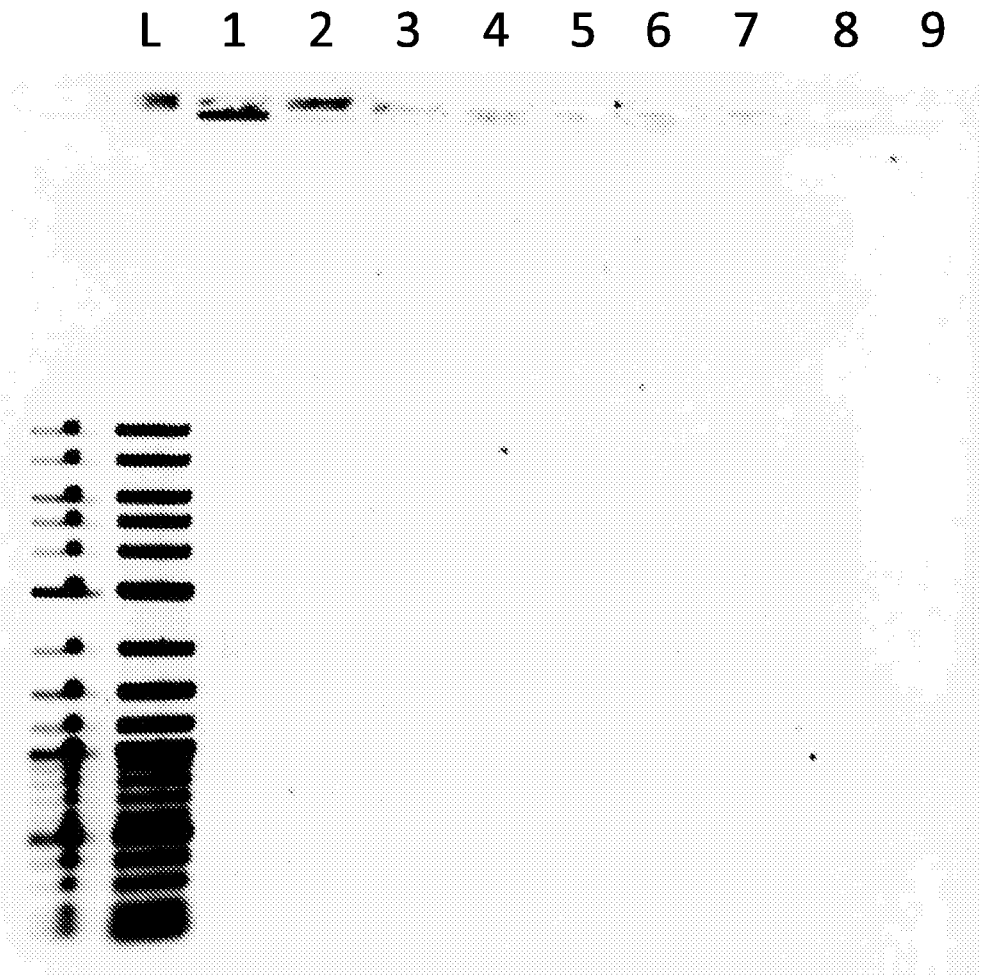


FIG. 9

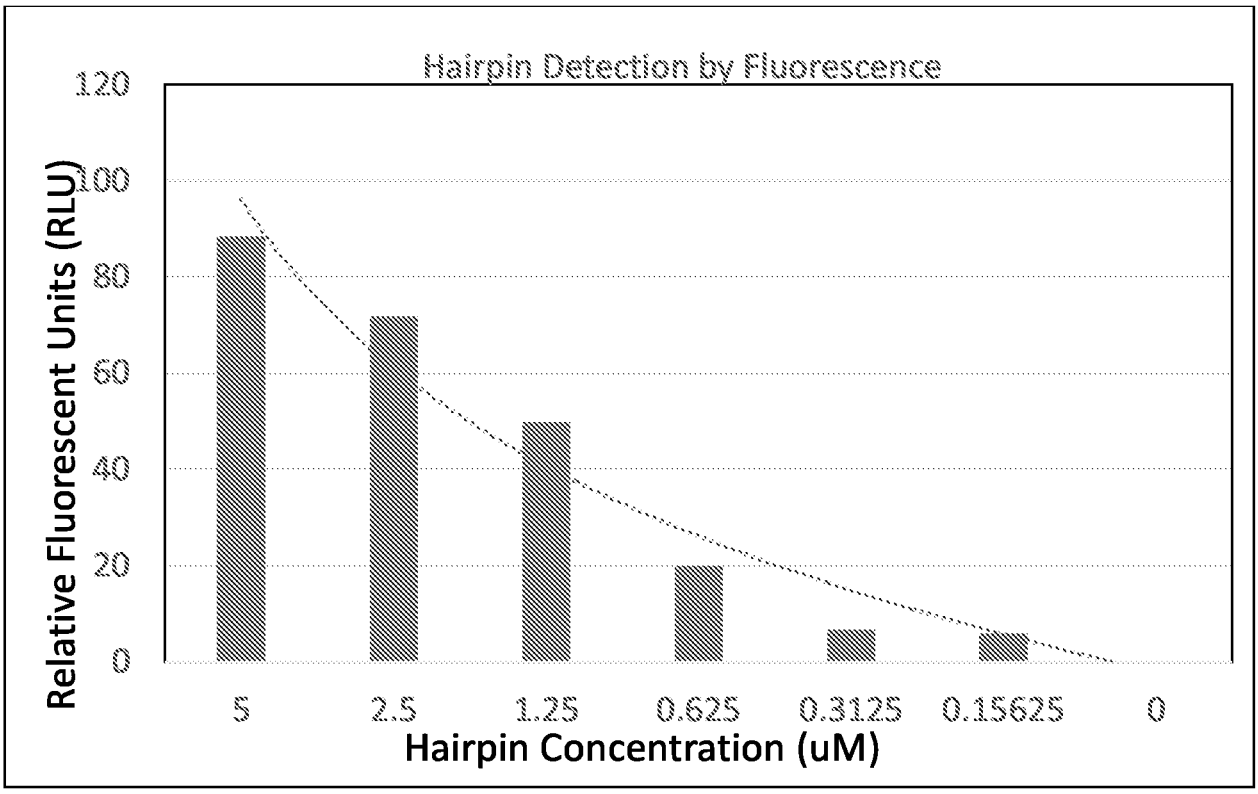
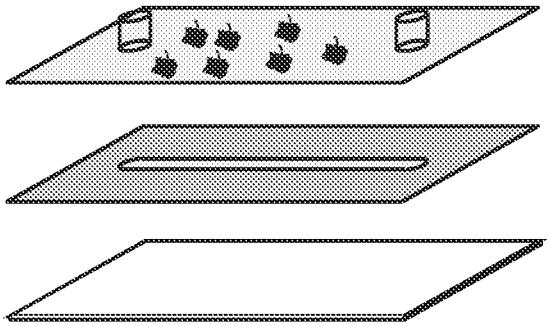

Hairpin Detection by Fluorescence
Relative Fluorescent Units (RLU)
120
100
80
60
40
20
0
5
2.5
1.25
0.625
0.3125
0.15625
0
Hairpin Concentration (uM)

FIG. 10

A.



B.

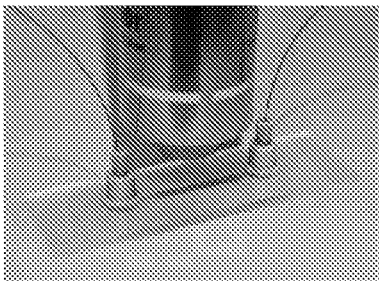


FIG. 11