

FIGURES

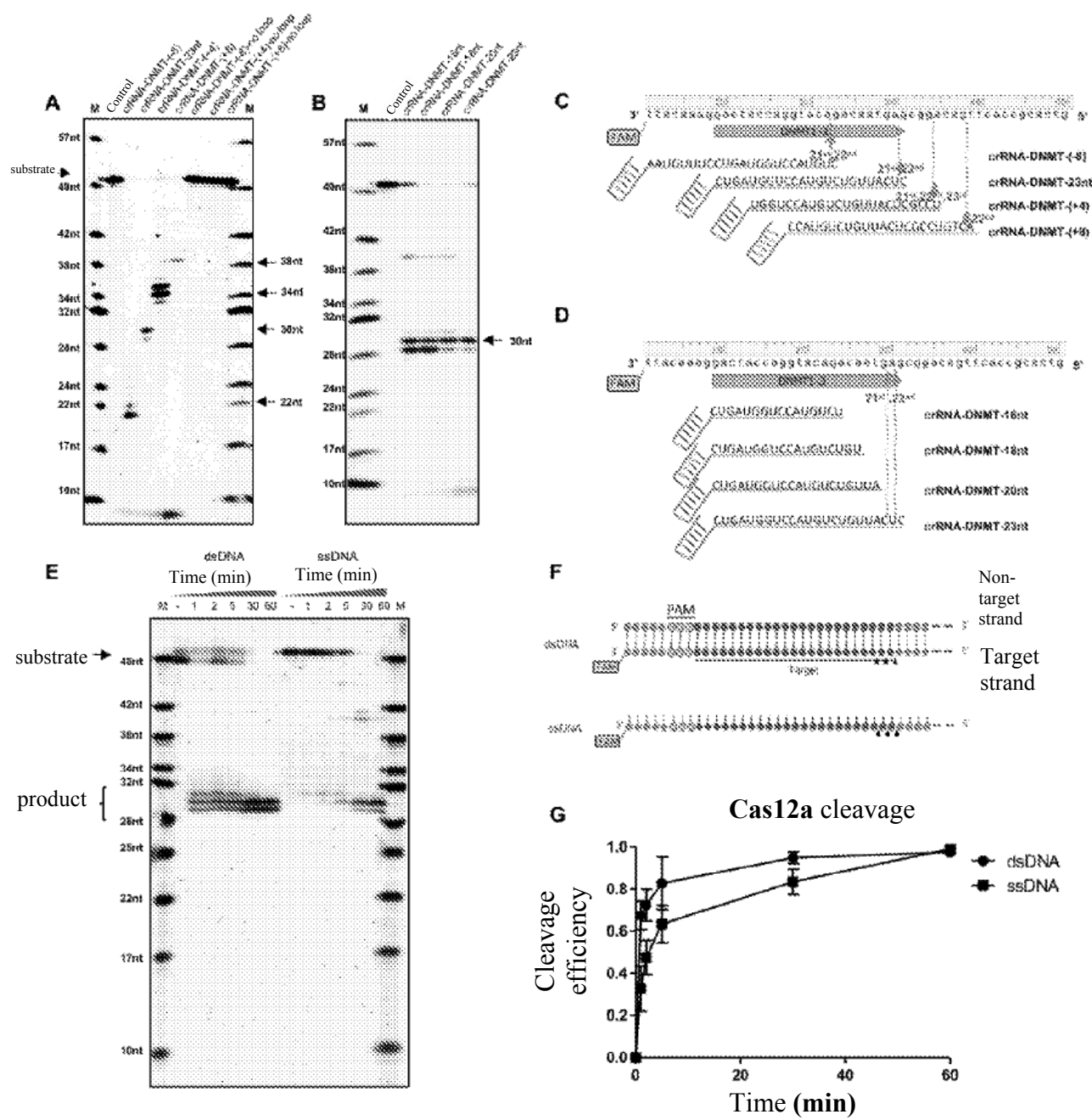


FIG. 1

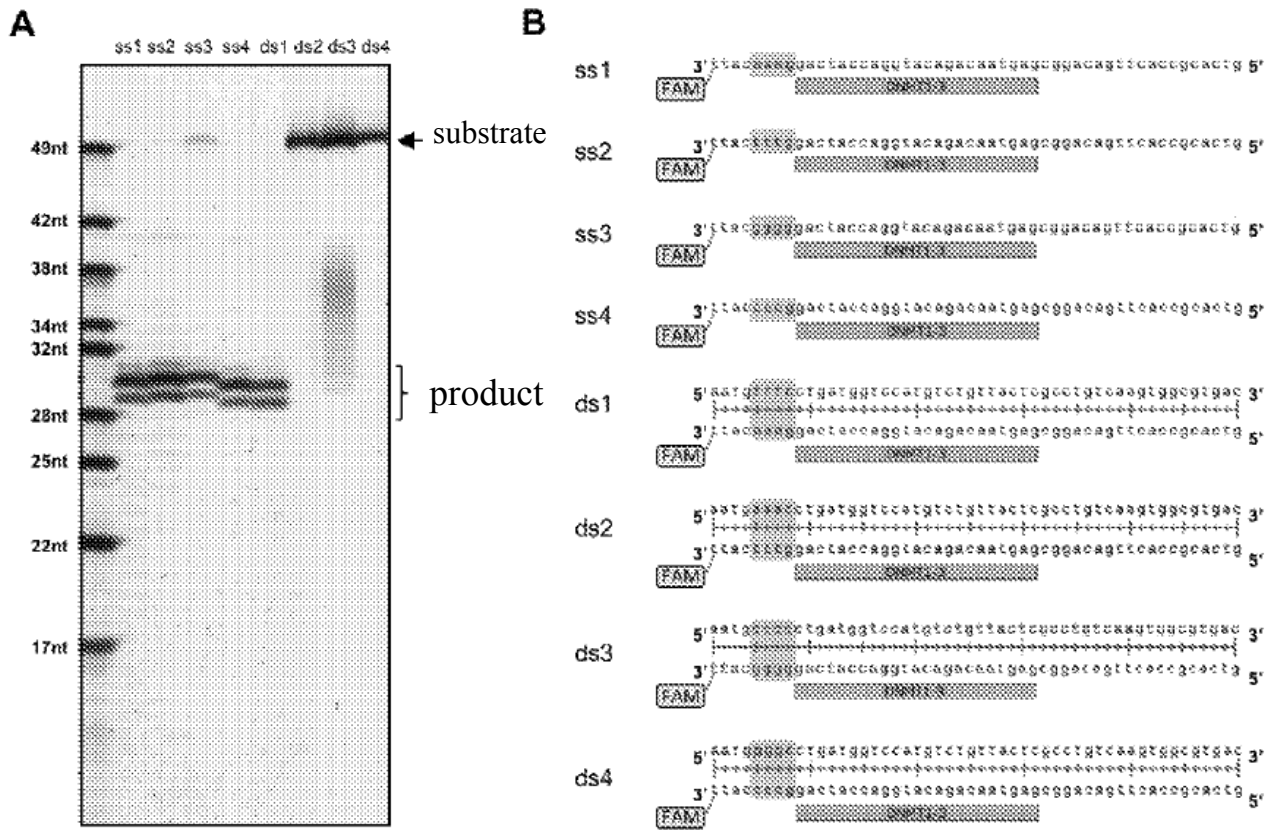


FIG. 2

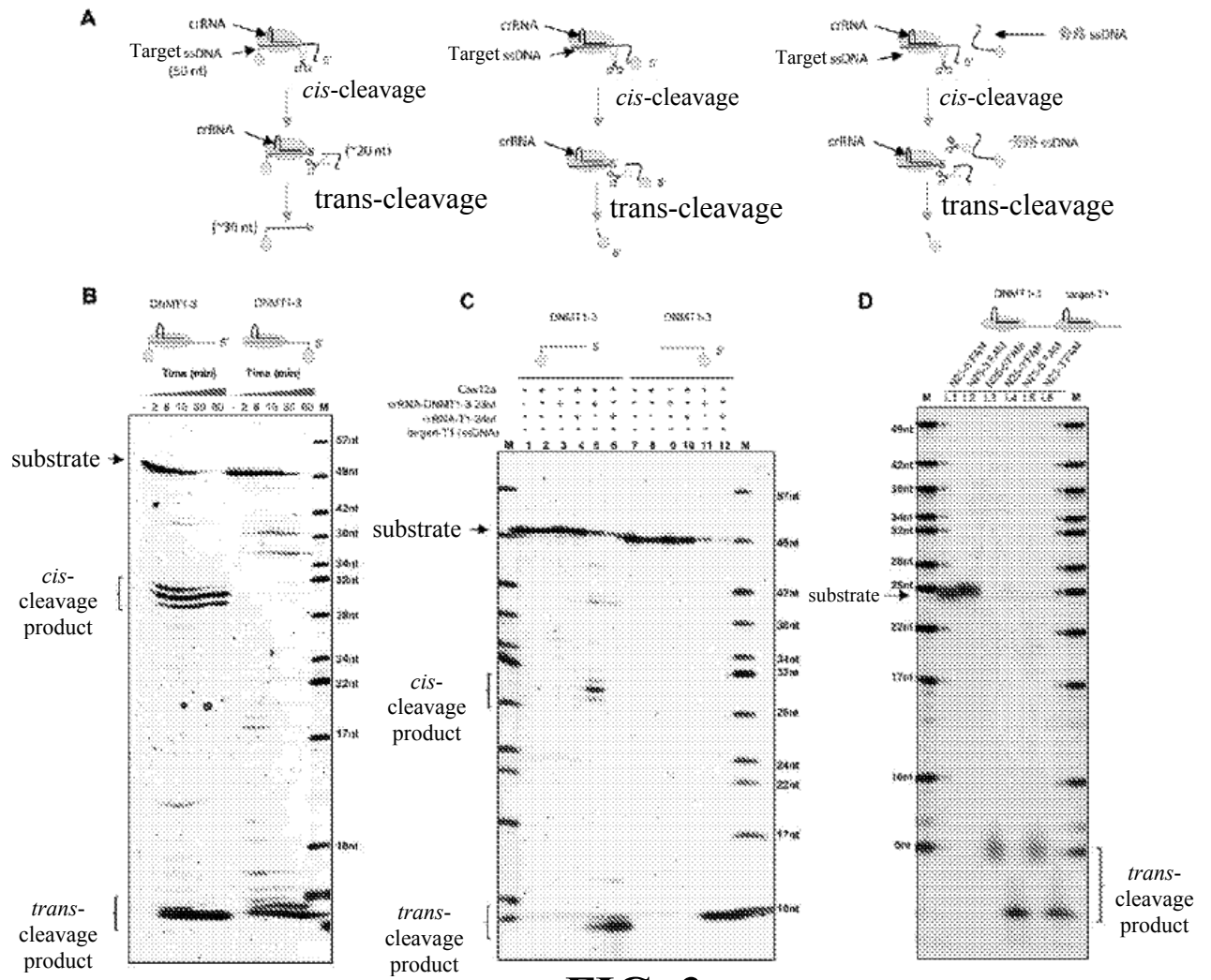


FIG. 3

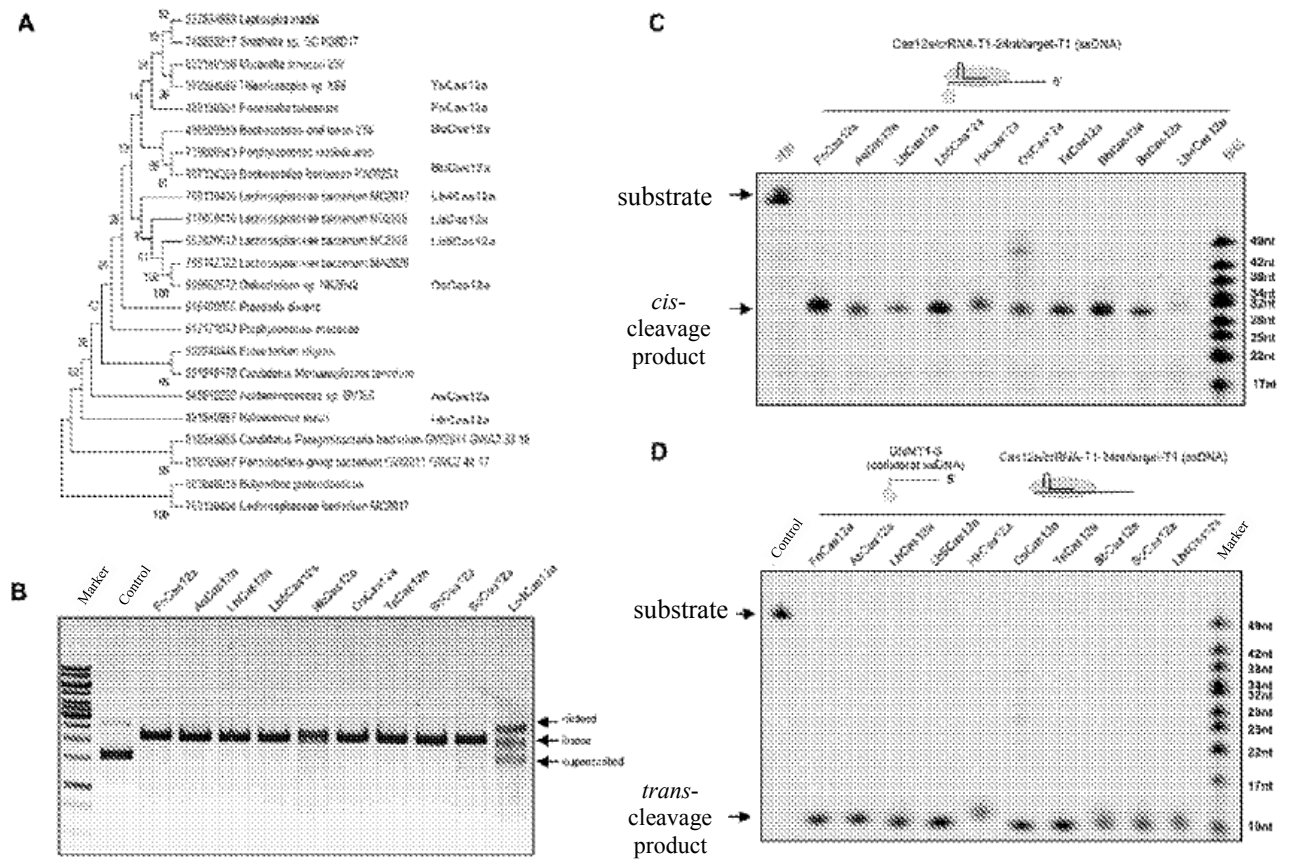
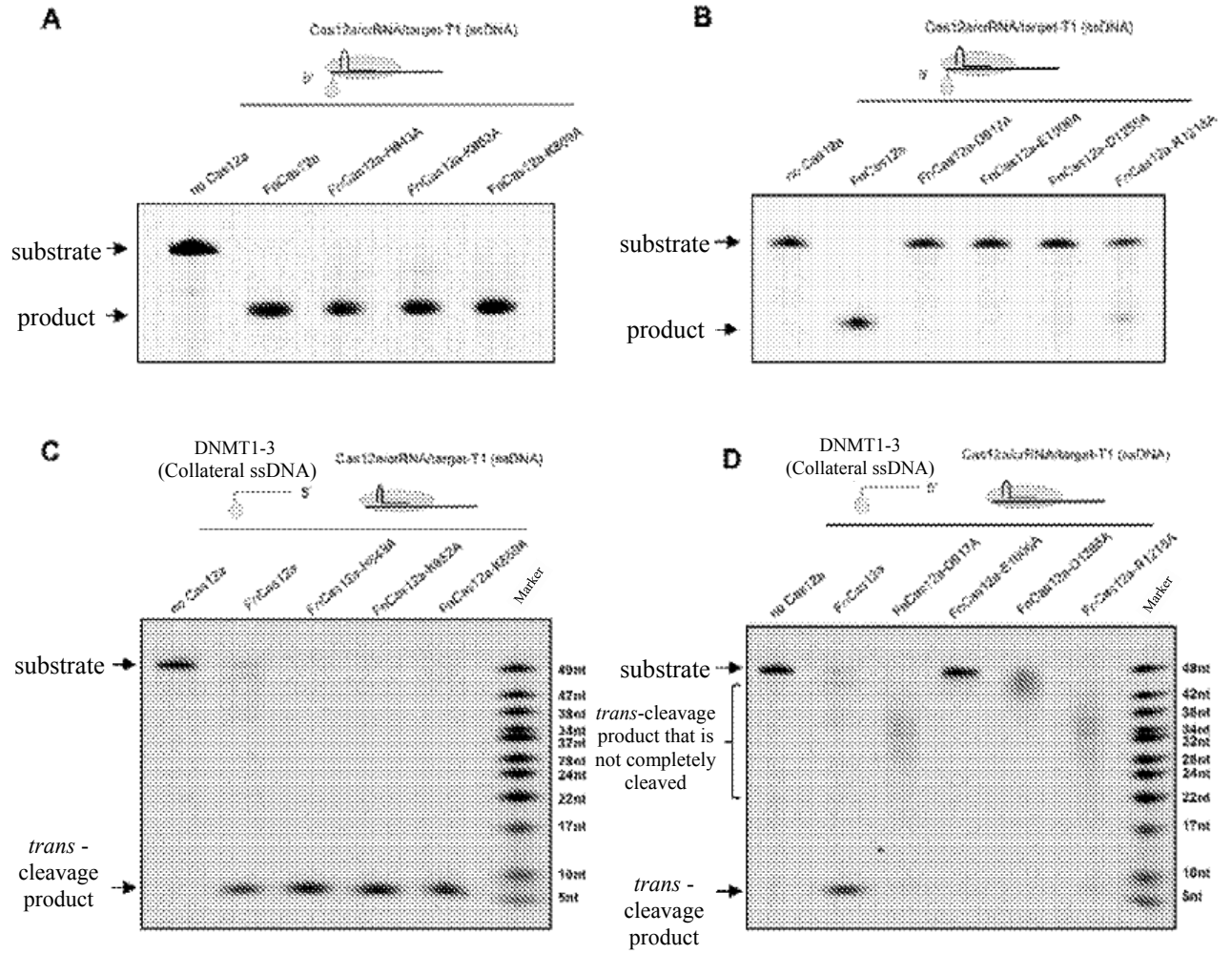


FIG. 4

**FIG. 5**

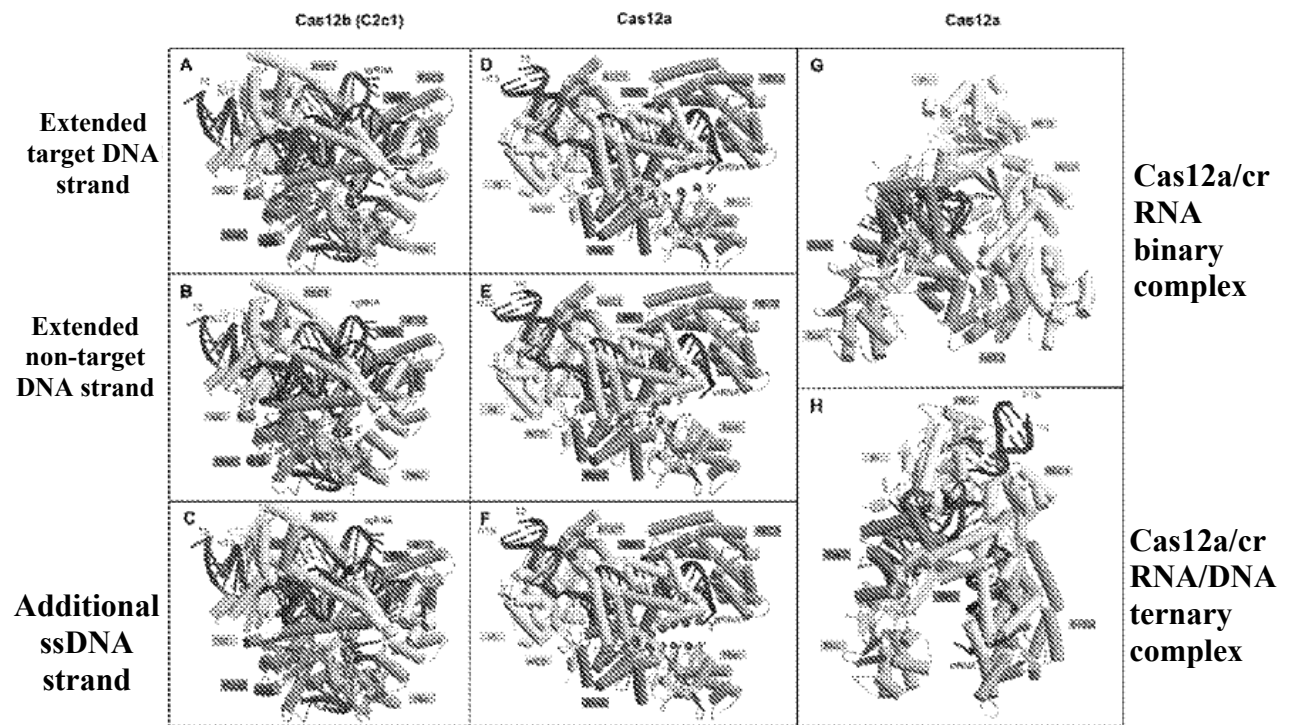


FIG. 6

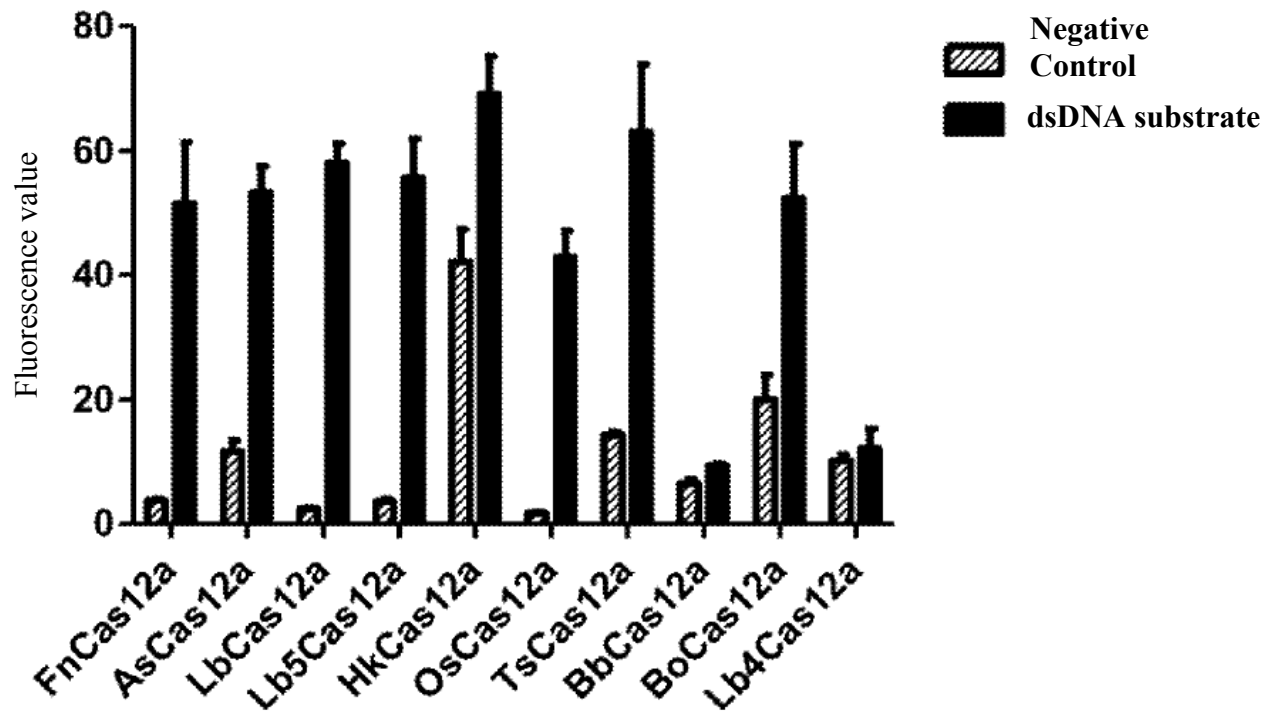
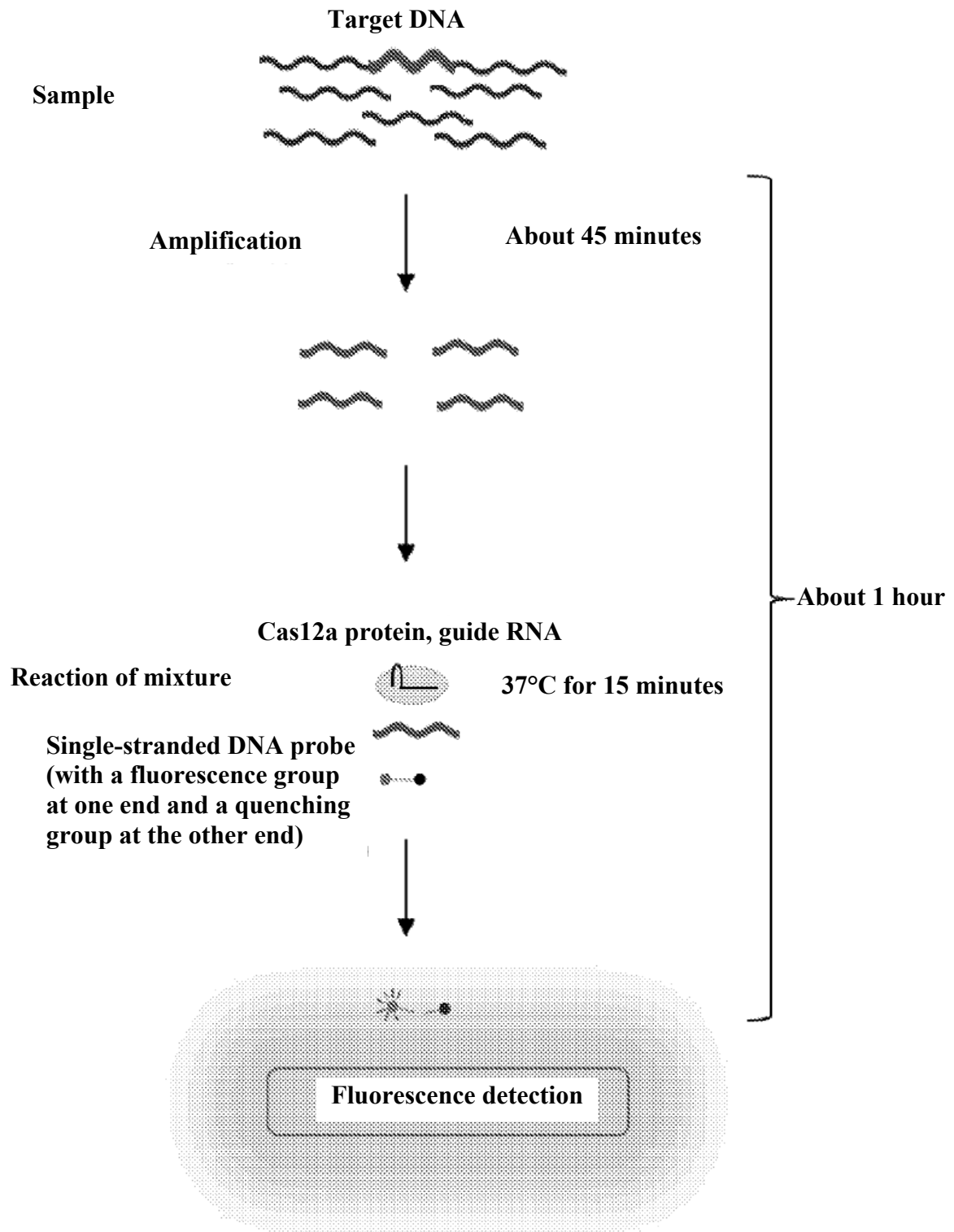
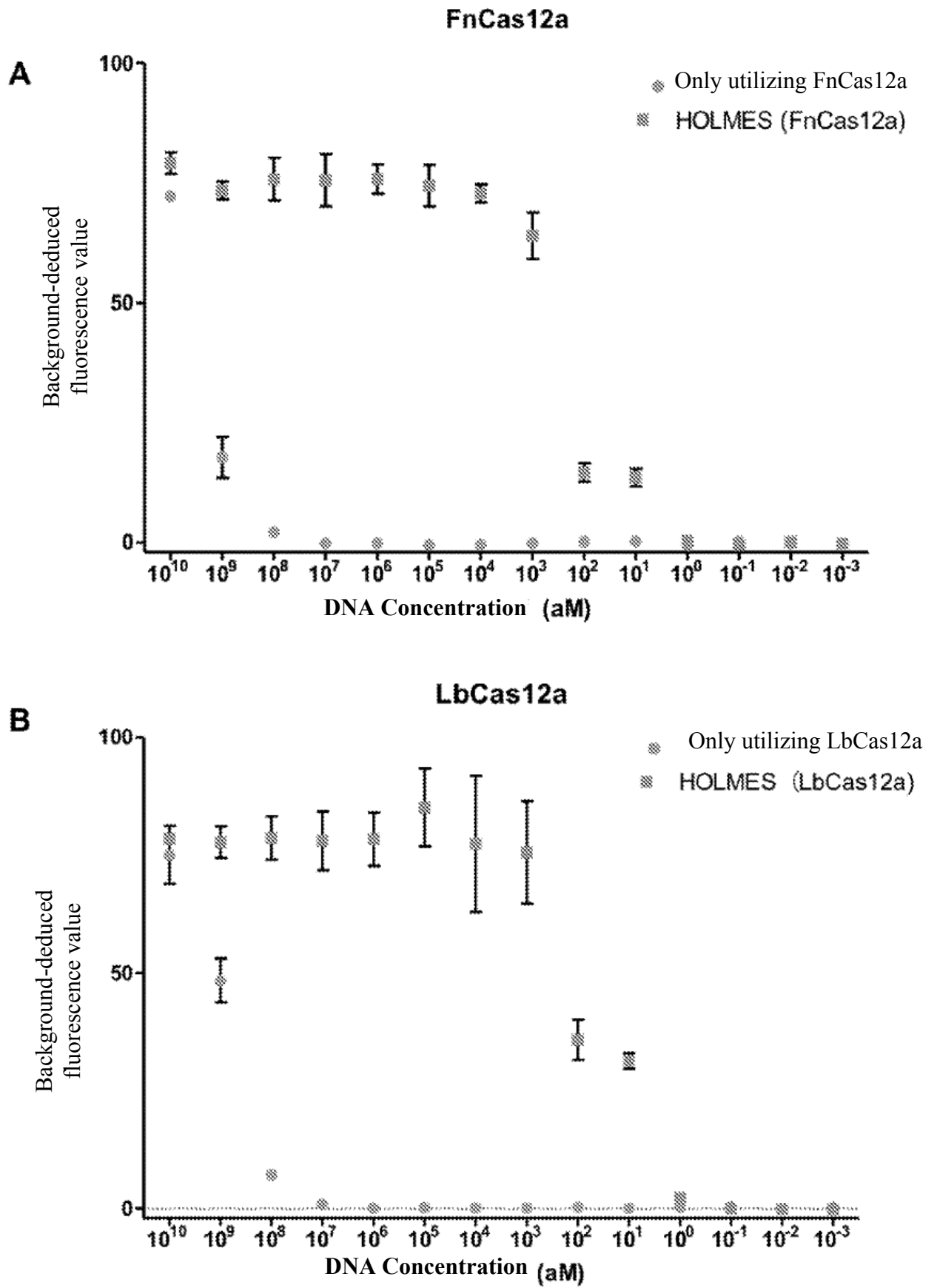
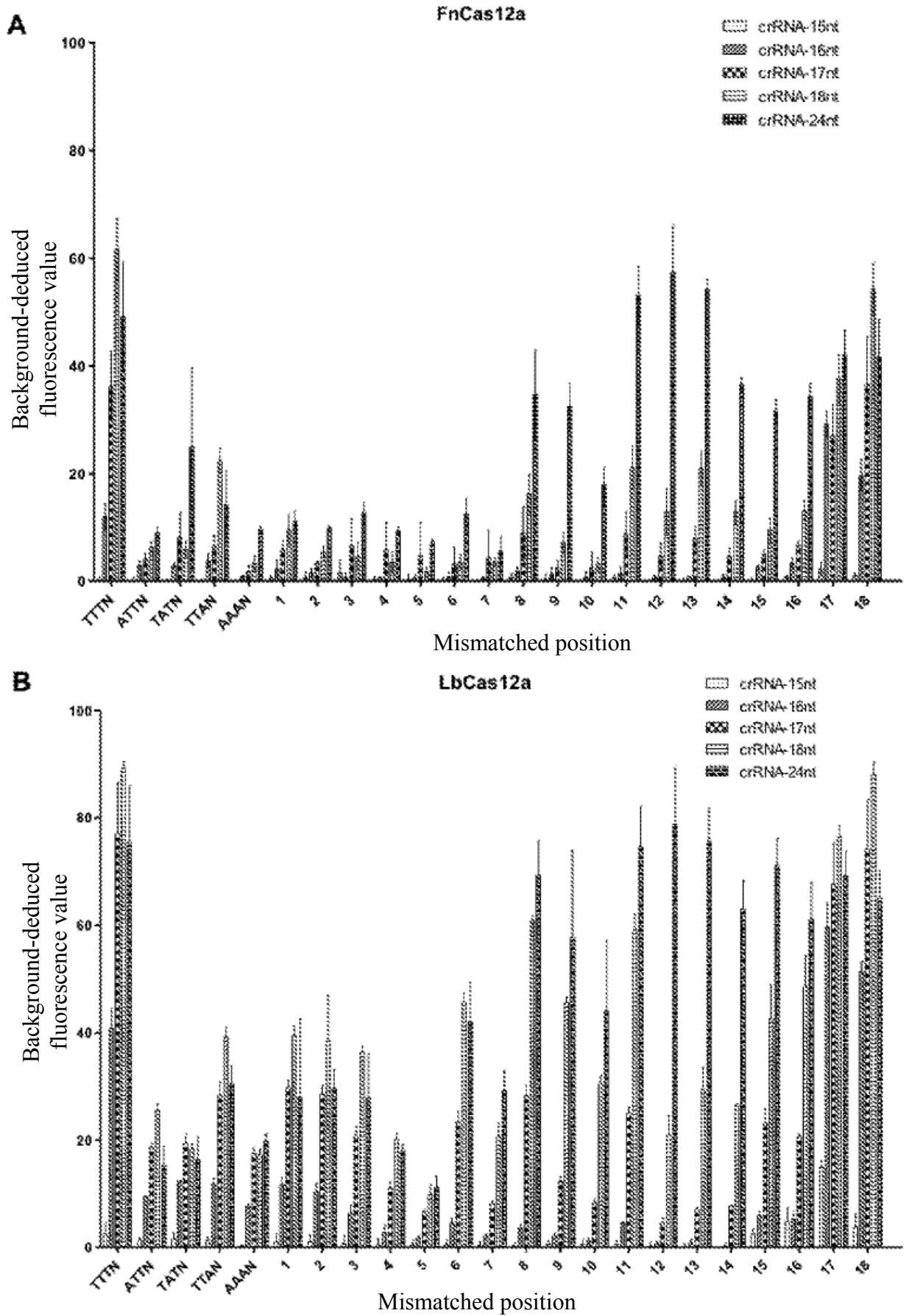


FIG. 7

**FIG. 8**

**FIG. 9**

**FIG. 10**

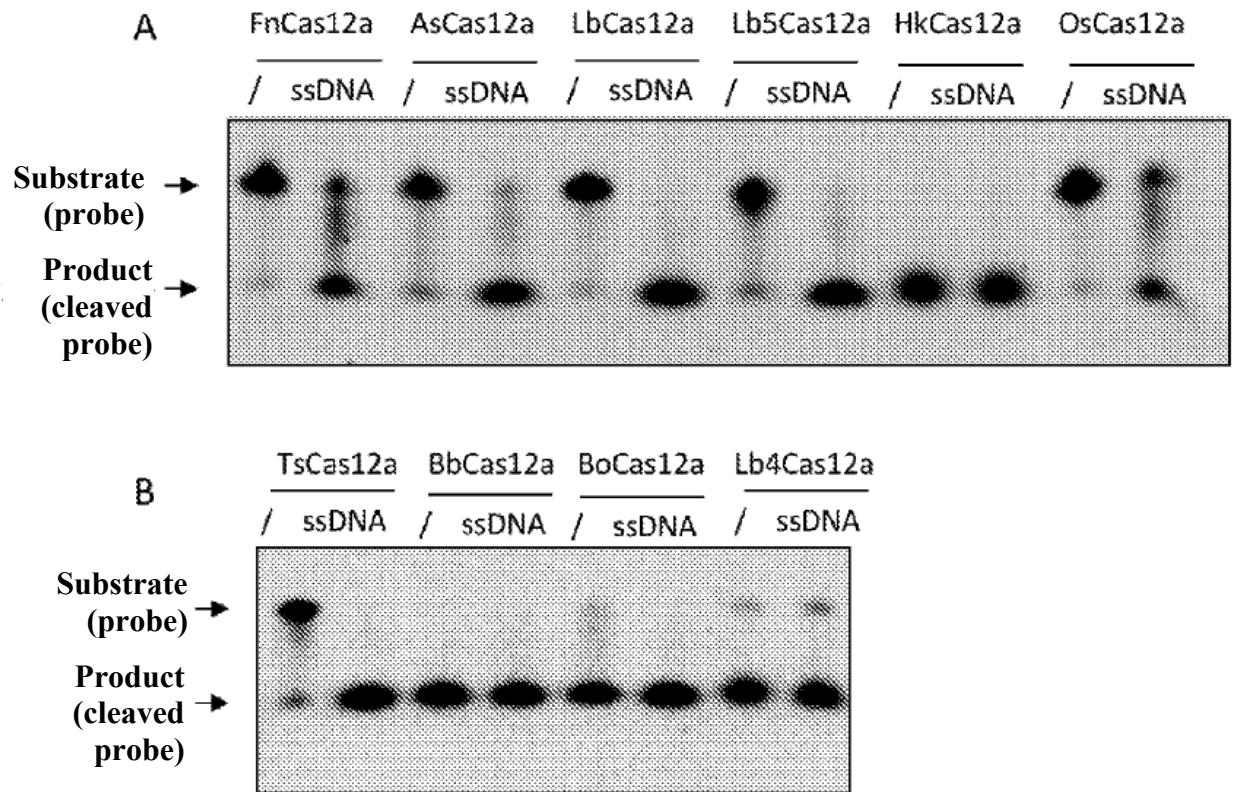


FIG. 11

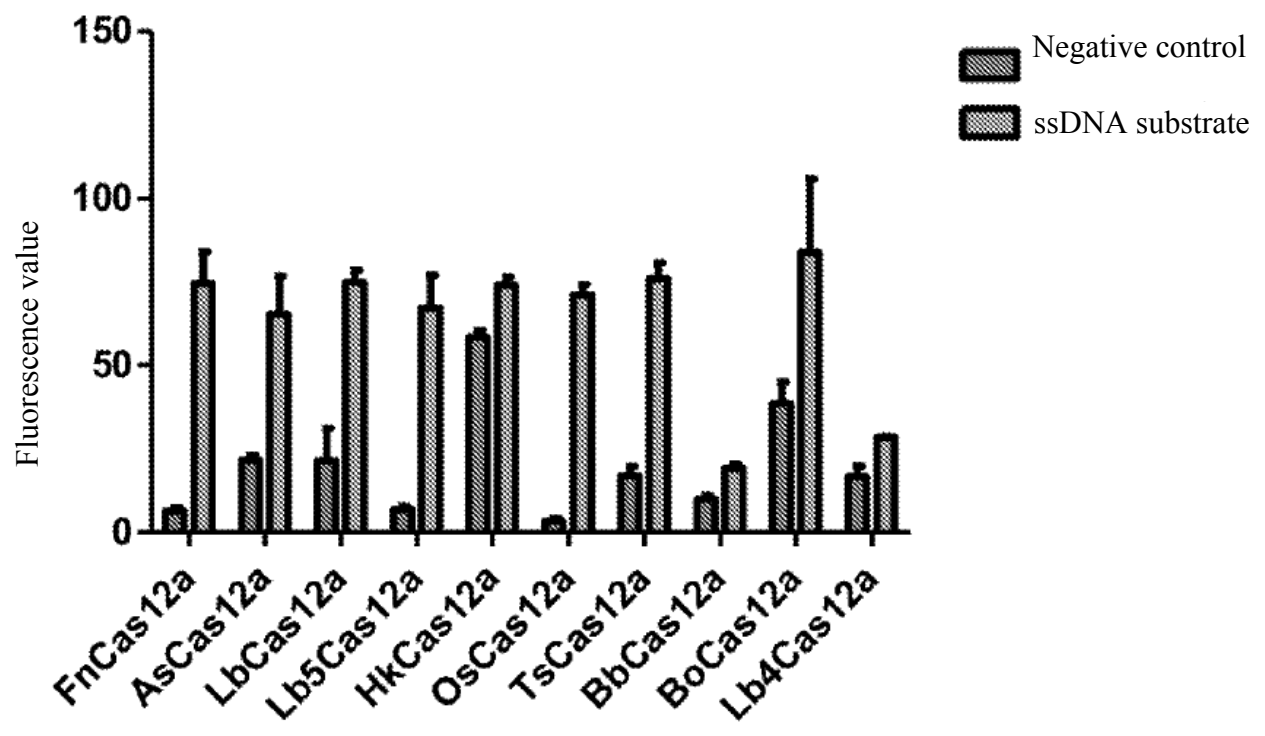


FIG. 12

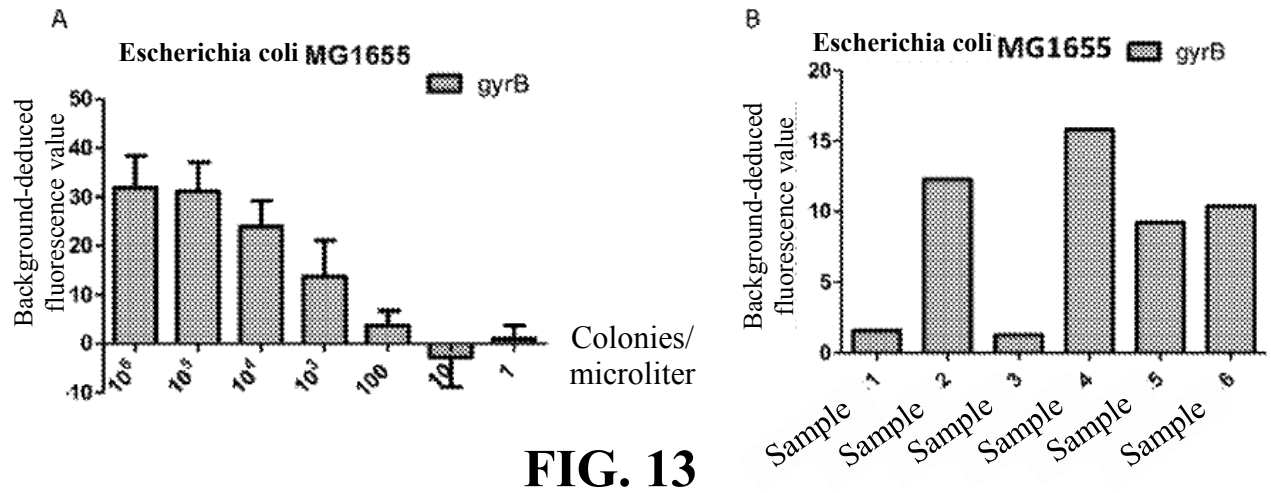


FIG. 13

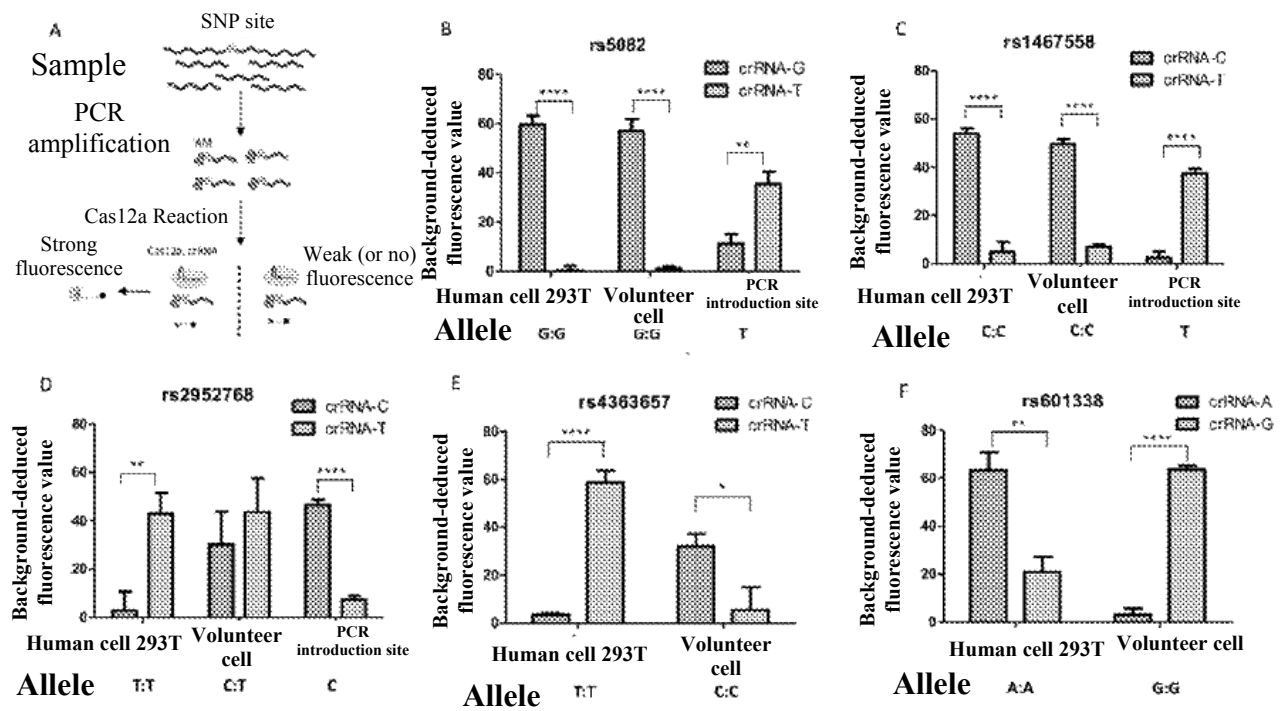
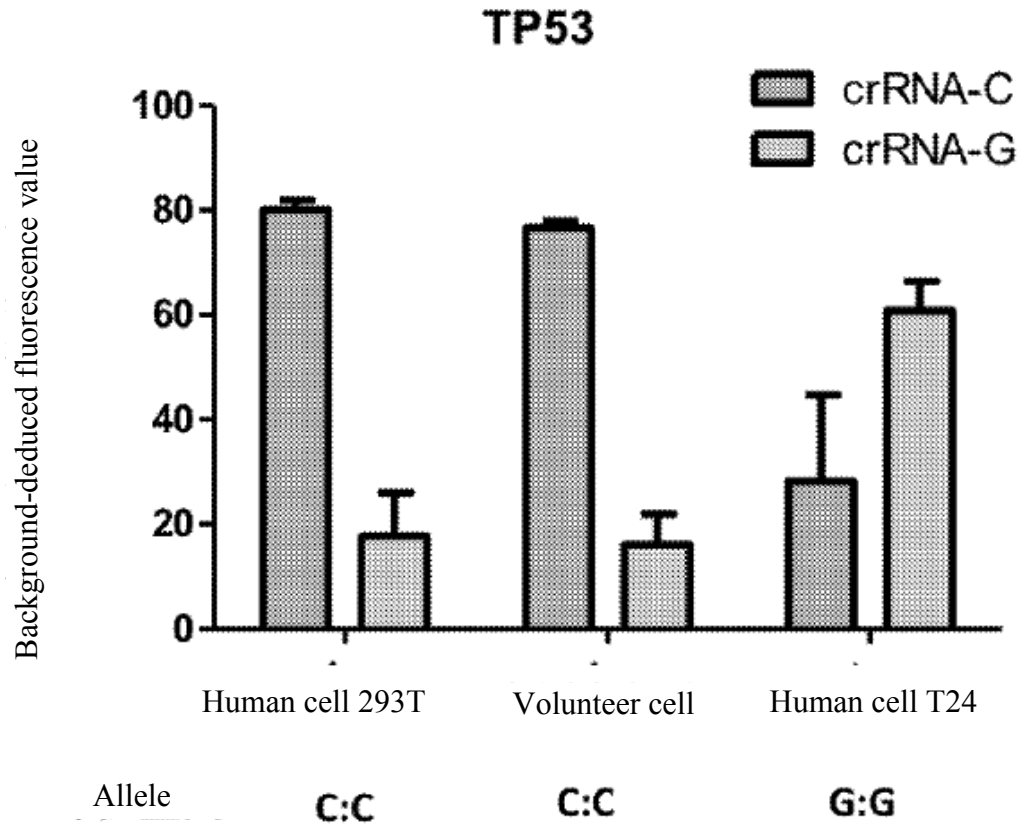
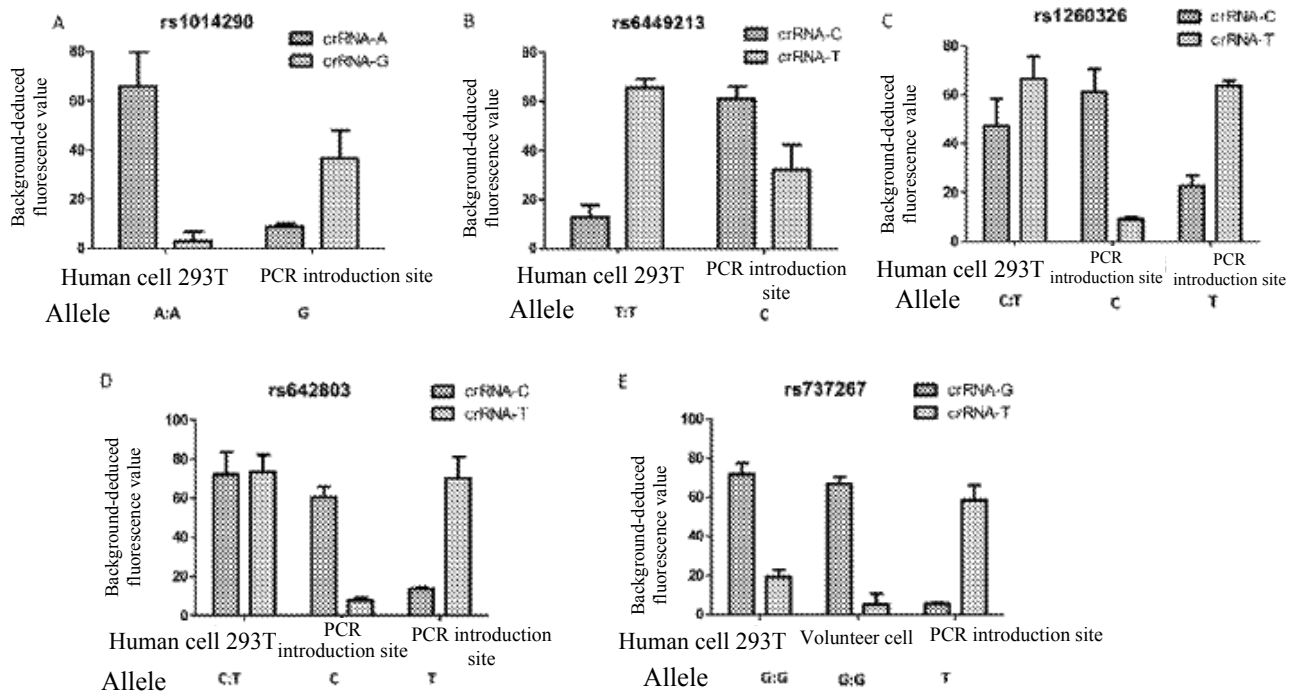
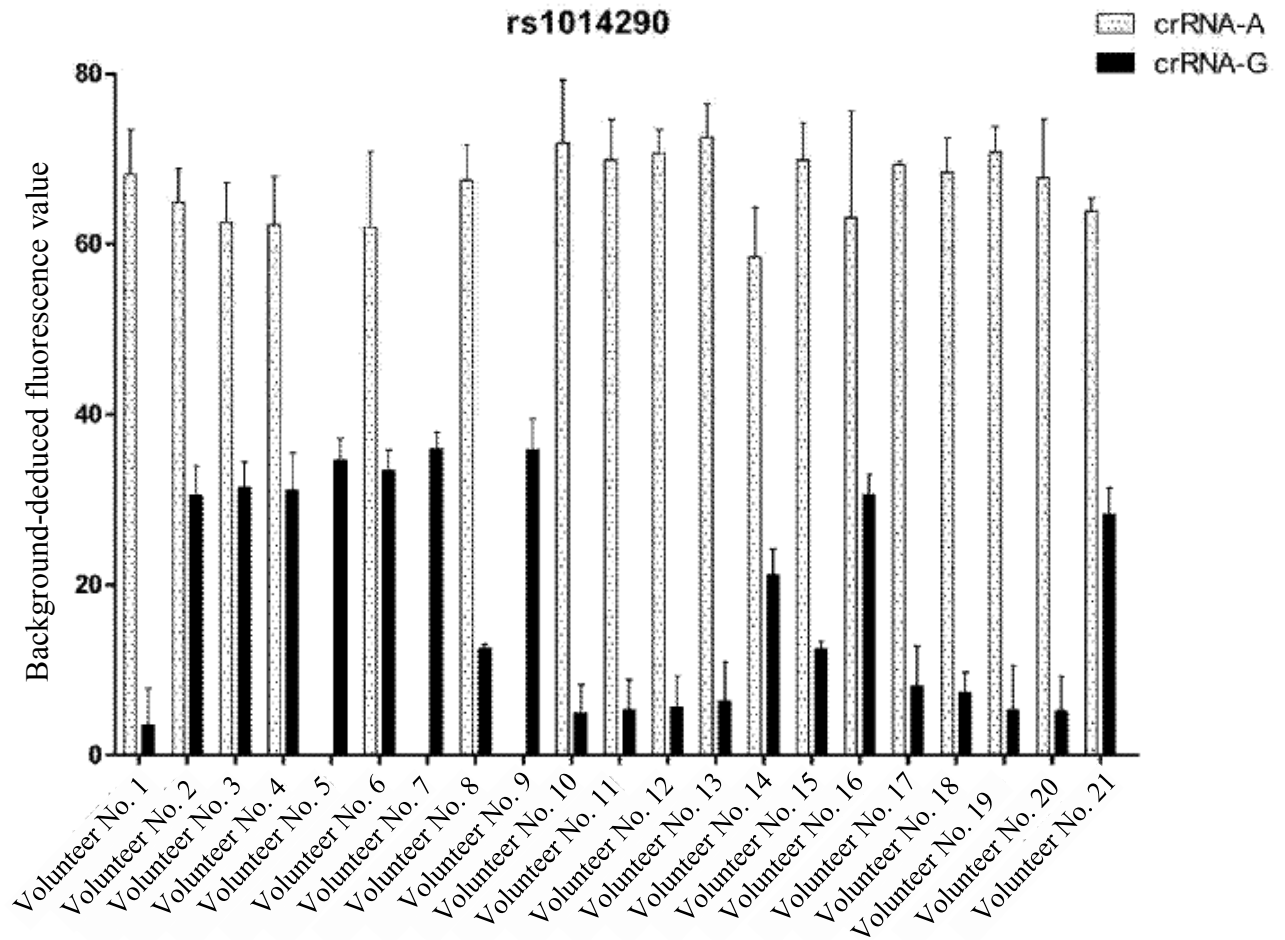
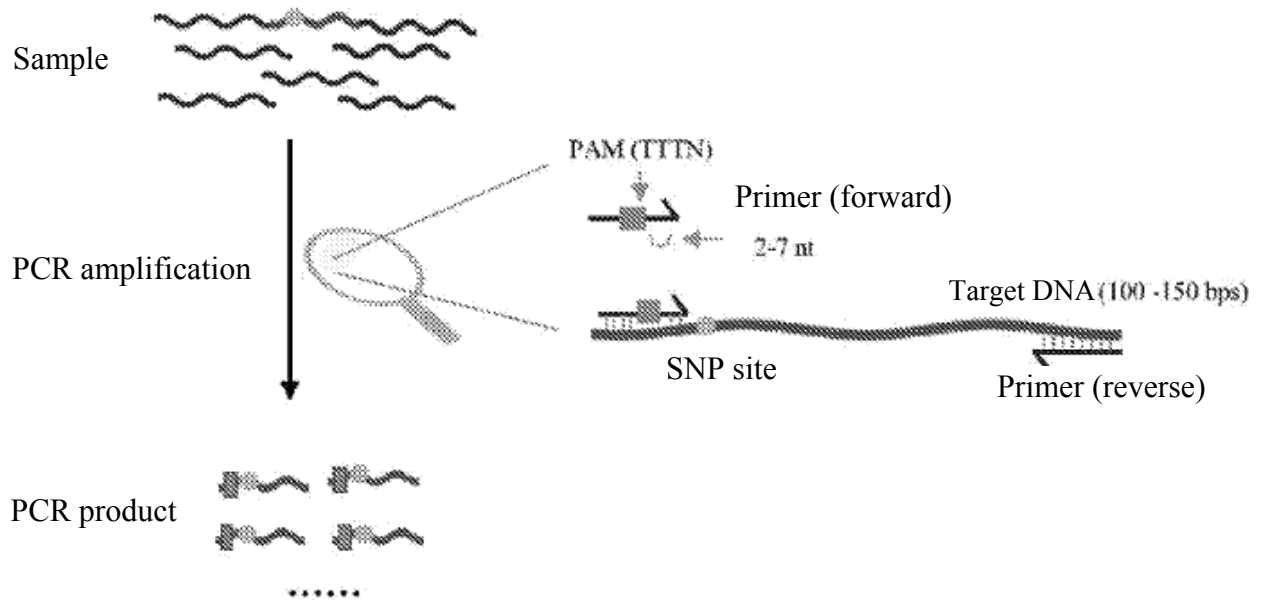
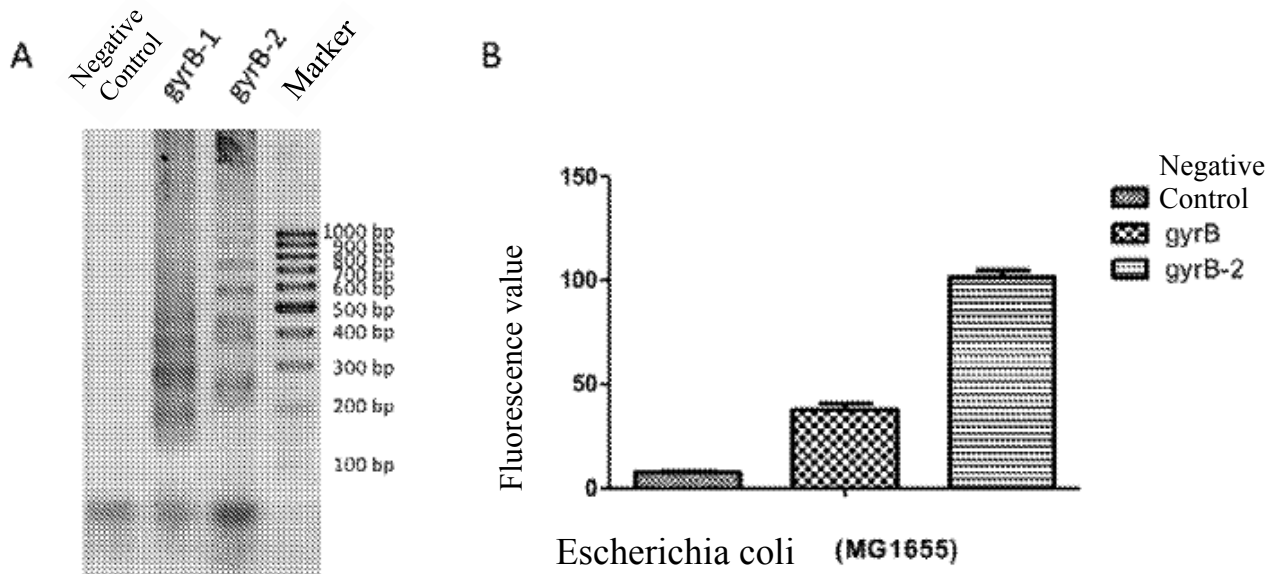
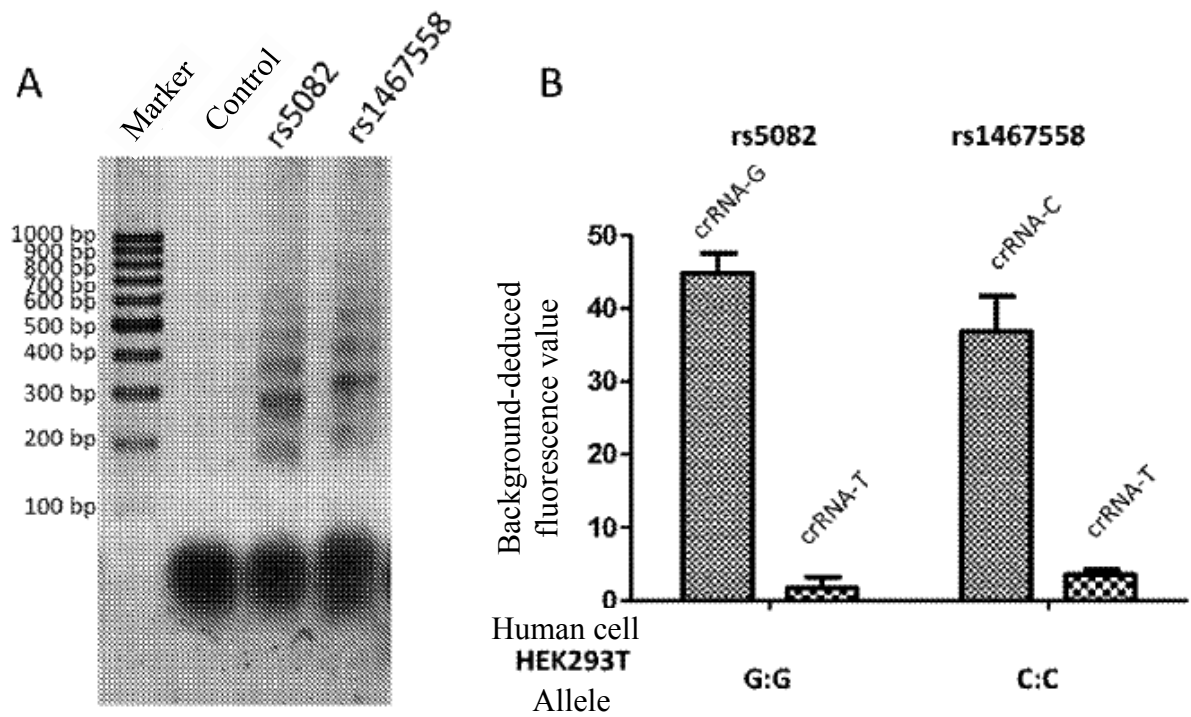
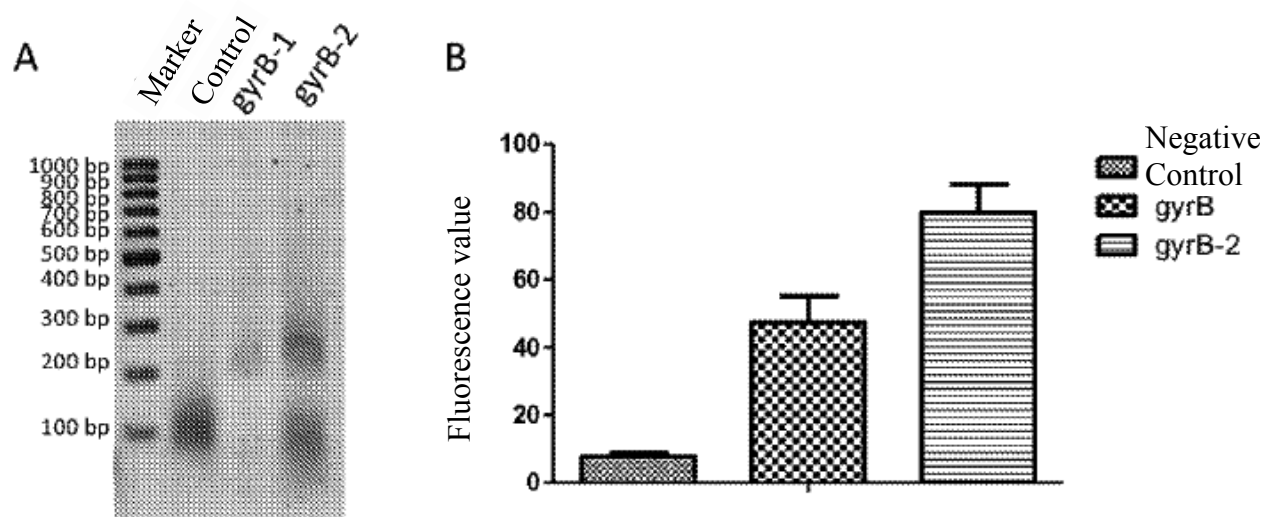


FIG. 14

**FIG. 15****FIG. 16**

**FIG. 17****FIG. 18**

**FIG. 19****FIG. 20**



Escherichia coli (MG1655)

FIG. 21

Lane	M	1	2	3	4	5	6
Cas12b		+(100)	+(250)	+(500)	+(500)	+(500)	-
sgRNA		+(100)	+(250)	+(500)	+(500)	-	-
target DNA(ssDNA:T1)		+	+	+	-	-	-
ssDNA probe (ssDNA:DNMT1-3-5'FAM)		+	+	+	+	+	+

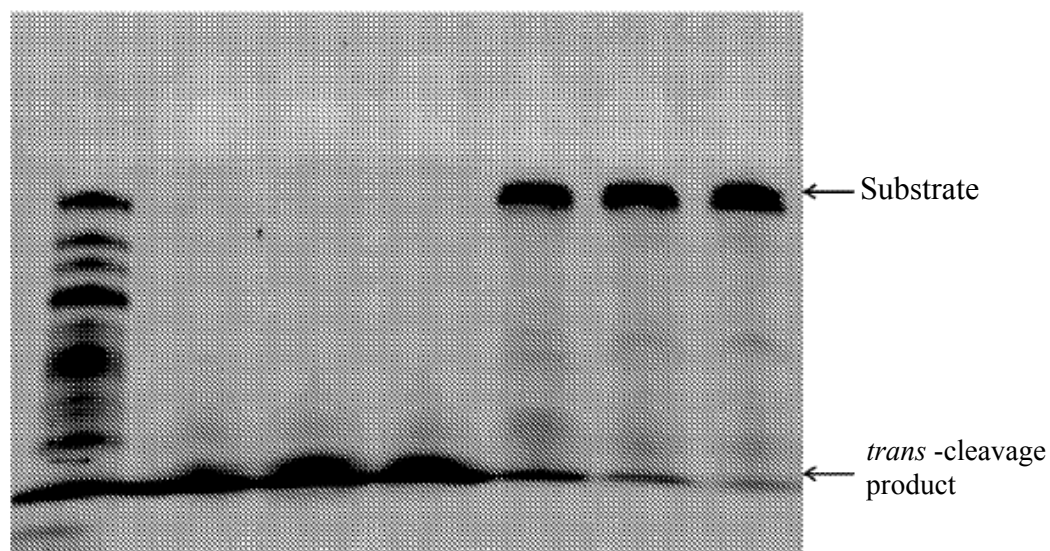
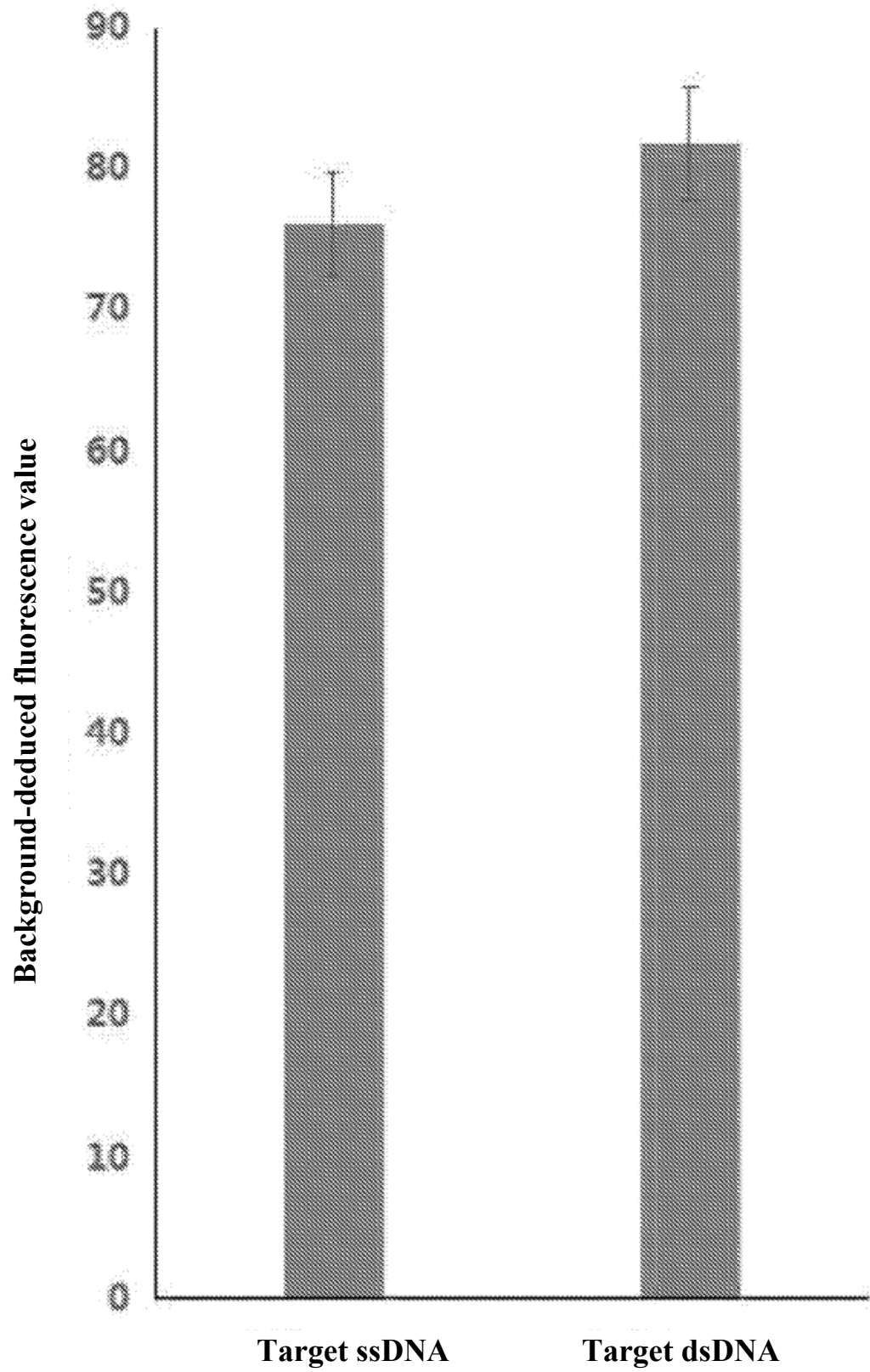
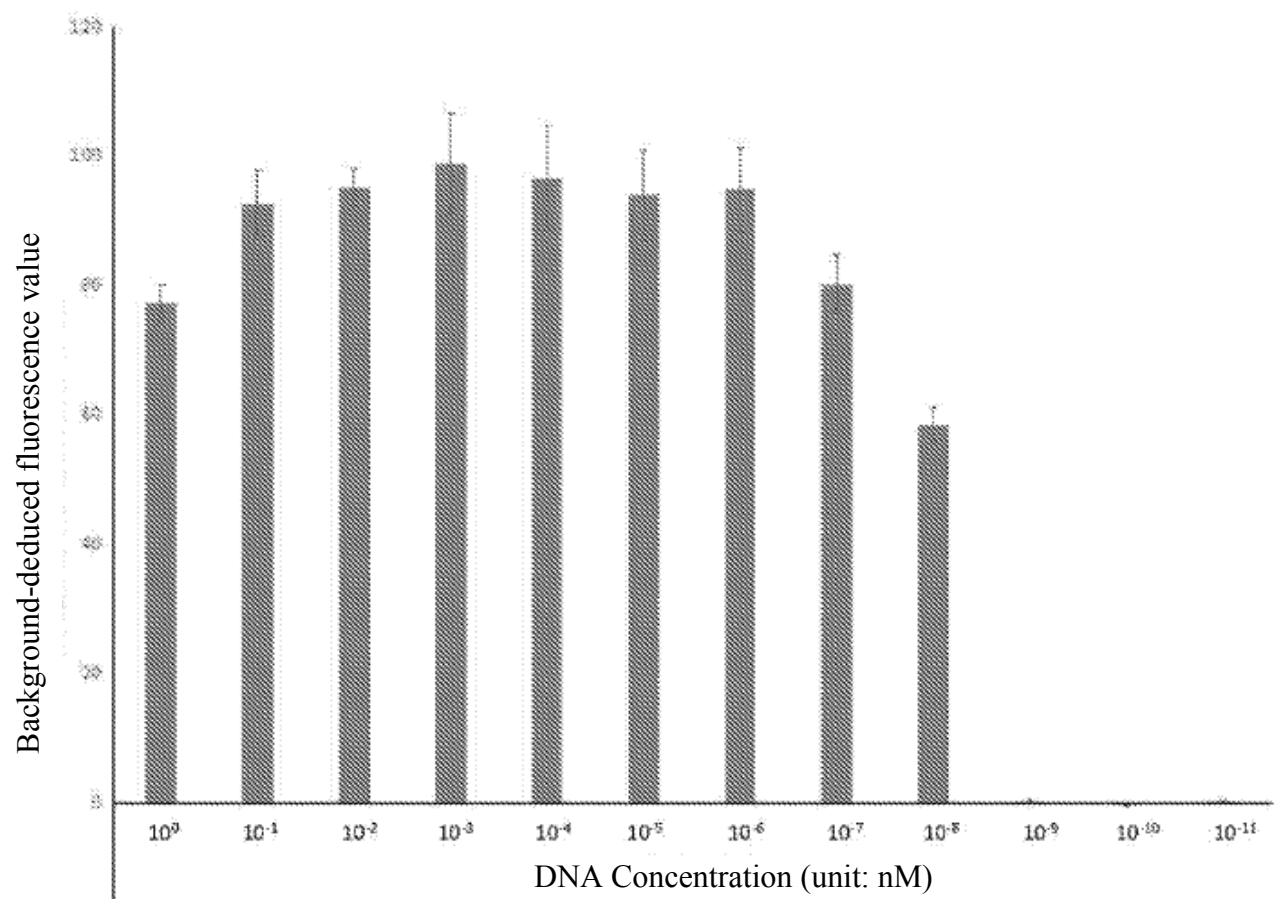


FIG. 22

**FIG. 23**

**FIG. 24**