



RIKEN DNA BANK

B95. delta A

- **Clone ID** : RDB _ 13711
- **Lot** : 17937 _ B0Cg
- **Form** : Recombinant in Stab agar
- **Culture** : LB medium
- **Antibiotics** : Free
- **Primers**

Primer A (Pr0305)	prfAnoATG	Primer E (Pr0355)	B95.delta_fabR#1
Primer B (Pr0306)	prfATAARev	Primer F (Pr0356)	B95.delta_fabR#2
Primer C (Pr0353)	B95.delta_prfA#1	Primer G (Pr0359)	B95.delta_fabR#5
Primer D (Pr0354)	B95.delta_prfA#2		

* Refer the URL (https://dna.brc.riken.jp/en/supp_primer) for details on primer sequences

● **PCR Amplification**

< Condition >

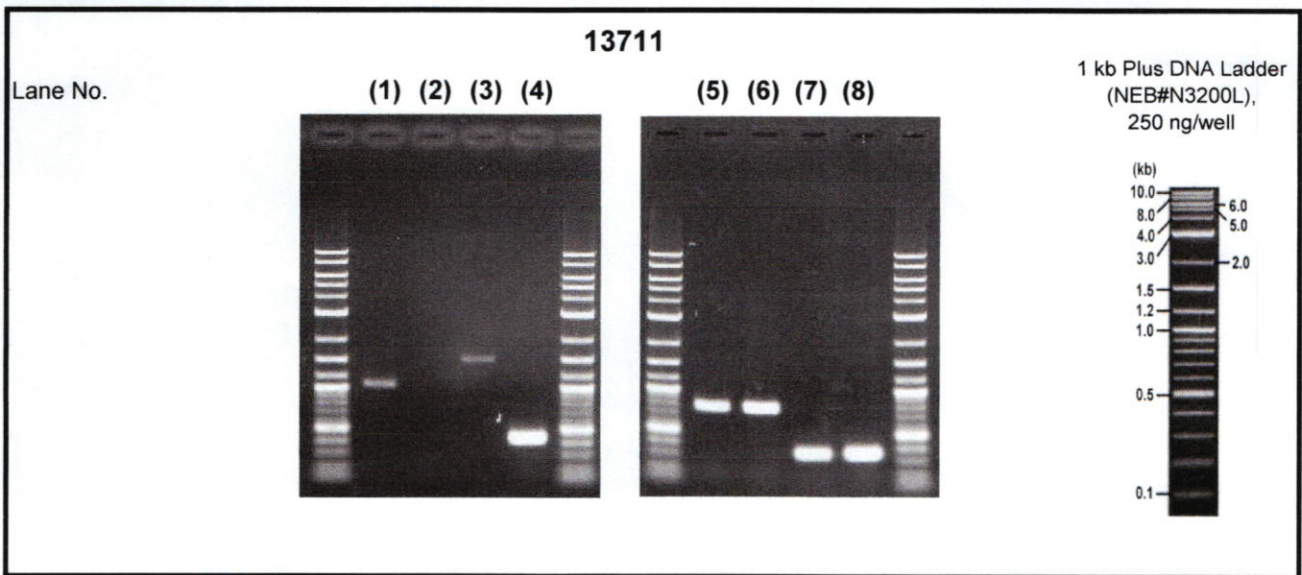
Templete : genomic DNA, 1 uL
 Enzyme : AmpliTaq Gold® 360 DNA Polymerase (ThermoFisher)
 Total volume : 10 uL

< Reaction program >

96 deg C , 2 min
 [96 deg C , 15 sec
 55 deg C , 15 sec
 72 deg C , 3 min] × 30 cycles
 72 deg C , 5 min
 4 deg C , ∞

< Electrophoresis >

2 uL of PCR products per lane ; 1% agarose gel, 1 × TAE buffer



< Lane number and size of fragment >

Primer		delta prfA confirmation		fabR confirmation	
		Primer A and B	Primer C and D	Primer E and F	Primer E and G
host	BL21(DE3)*	(1), 1.1 kb	(3), 1.5 kb	(5), 0.79 kb	(7), 0.35 kb
	RDB13711	(2), No band	(4), 0.46 kb	(6), 0.79 kb	(8), 0.35 kb

* used as a control.

● **Confirmation of the deletion site by sequencing**

Sequence Primer	PCR products as a template (Lane number)
Primer C	(4)
Primer F	(6)

APPROVED BY :

