

**RIKEN Clone ID : W01A003M09**

Vector : pENTR/D-TOPO

Gene	GTF2B		
Accession No.	BC020597.1	1322 bp	1..1322
	<i>CDS</i>	951 bp	66..1016

● Plasmid DNA purification

Date : 130225

Culture : LB (25 ug/ml Kanamycin) 5 ml → at 37 deg C over night

Date : 130226

Purification : QIAGEN Miniprep kit → dH<sub>2</sub>O 100 ul

● Digestion by restriction enzyme/Concentration calibration

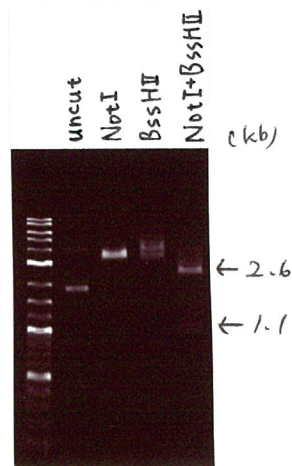
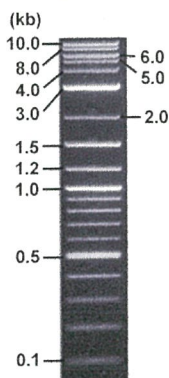
Date : 130314

DNA concentration (O.D.): 85 ng/ul

DNA	0.3	ul
Enzyme (NotI + BssHII)	0.5 + 0.5	ul
Buffer H	1	ul
dH <sub>2</sub> O	7.7	ul
Total	10	ul

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

Marker : 2-Log DNA Ladder (NEB#N3200L)



<Expected size of fragment from BC020597.1 CDS>

2553, 1051 bp

● Confirmation of the insertion sequence

Date : 120227

Primer A	M13
Primer B	T7 long
Primer C	-
List of Sequencing Primers	<a href="http://dna.brc.riken.jp/en/GNPclone3en.html">http://dna.brc.riken.jp/en/GNPclone3en.html</a>

● Adjustment of DNA concentration

Shipping amount : 40 ul

Concentration at the time of preparation of plasmid DNA : 25 ng

Date : 130315

DNA ( <u>85</u> ng/ul)	76	ul
10x TE	25.8	ul
dH <sub>2</sub> O	156.6	ul
Total	258.4	ul

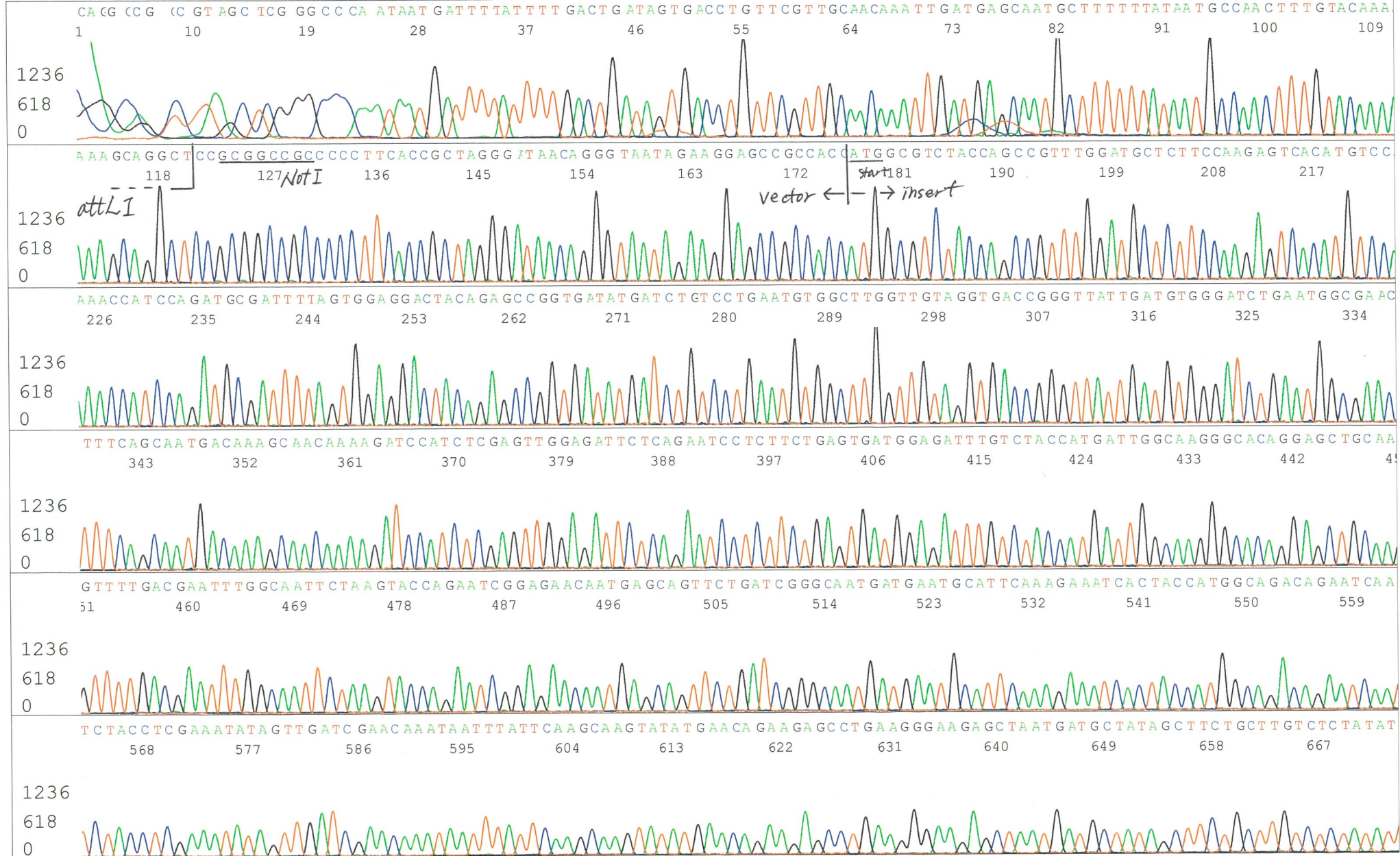


APPROVED BY :

<http://dna.brc.riken.jp/index.html>

S/N G:195 A:142 T:154 C:104 Primer A : M13  
KB.bcp  
KB 1.4.1.8 Cap:17

5' GTTTTCCCAGTCACGACGTTGTA 3'





S/N G:290 A:225 T:241 C:1 Primer B : T7 long

KB.bcp

KB 1.4.1.8 Cap:18

5' CGCCAAGCTCTAATACGACTCACTATAGGG 3'

