

**RIKEN Clone ID : TEx01G02 (PC011359-41)**

Lot# : 6078\_A8Ao

Vector : pET-11a

Locus tag	TTHA1359
Insert size	606 bp
Product	transcriptional regulator, FNR/CRP family

● Plasmid DNA purification

Date : 180/24

Culture : LB (100 ug/ml Ampicillin) 10 ml -> 37°C O/N

Date : 180/25

Purification : QIAGEN Miniprep kit -> dH<sub>2</sub>O 50 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 180/25

DNA concentration (O.D.): 121 ng/ul

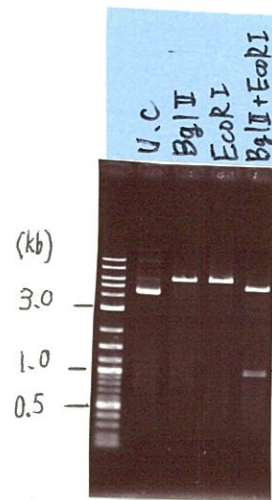
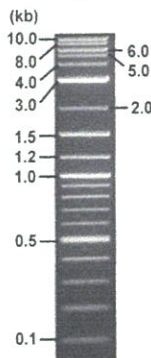
DNA	<u>0.8</u> ul
Enzyme (BglII + EcoRI)	<u>0.5 + 0.5</u> ul
Buffer H	<u>1</u> ul
dH <sub>2</sub> O	<u>7.2</u> ul
<b>Total</b>	<b>10</b> ul

< Size of fragment expected from this clone >

BglII	6.2 kb
EcoRI	6.2 kb
BglII + EcoRI	5.2, 1.0 kb

Electrophoresis : 1% agarose gel, 1x TAE Buffer

Marker : 2-Log DNA Ladder



● Adjust plasmid DNA solution to 25 ng/ul

Date : 180/31

DNA ( <u>121</u> ng/ul)	<u>55.0</u> ul
10x TE	<u>26.6</u> ul
dH <sub>2</sub> O	<u>184.6</u> ul
<b>Total</b>	<b>266.2</b> ul

● Shipping

- Conc. : 25 ng/μl, Volume : 40 μl
- ~~Conc. : ng/μl, Volume : μl~~

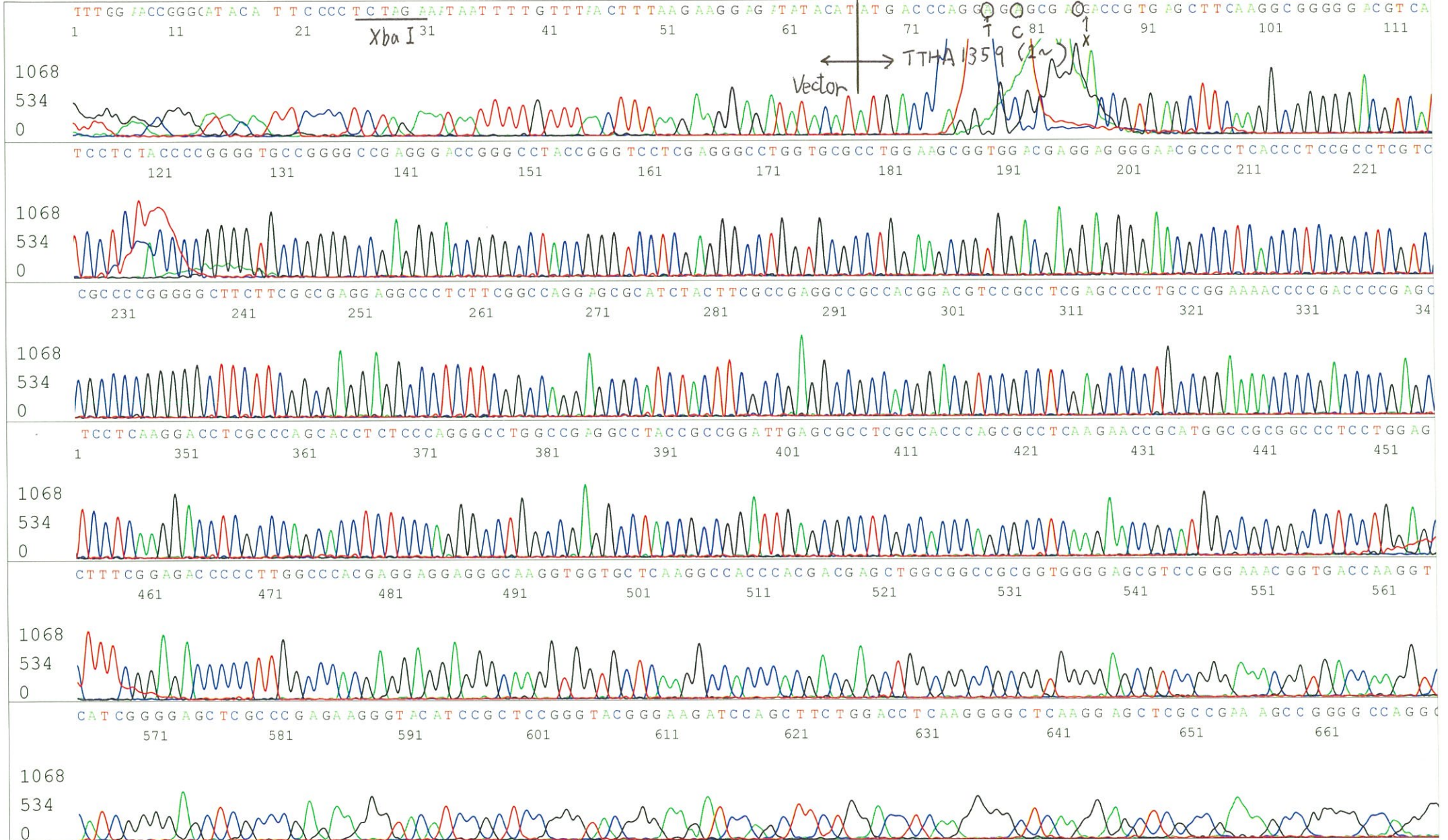
APPROVED BY :



S/N G:32 A:42 T:35 C:76  
KB.bcp  
KB 1.4.1.8 Cap:7

Primer A : T7 long

5' CGCCAAGCTCTAATACGACTCACTATAGGG 3'





S/N G:11 A:10 T:13 C:29  
KB.bcp  
KB 1.4.1.8 Cap:10

Primer B : T7 terminator  
5' GCTAGTTATTGCTCAGCGG 3'

