

RIKEN Clone ID : TEx13C12 (PC010058-41)

Lot# : 6078_A8Ao

Vector : pET-11a

Locus tag	TTHA0058
Insert size	900 bp
Product	transcriptional repressor of class I heat-shock genes

● Plasmid DNA purification

Date : 180124

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

Date : 180125

Purification : QIAGEN Miniprep kit → dH₂O 50 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 180125

DNA concentration (O.D.): 75 ng/ul

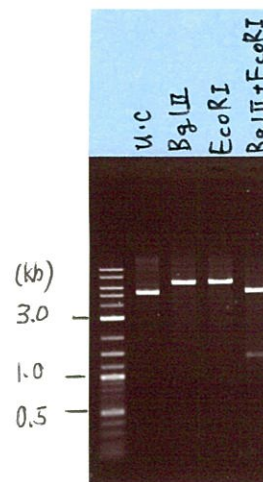
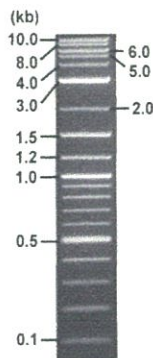
DNA	1.2	ul
Enzyme (BglII + EcoRI)	0.5 + 0.5	ul
Buffer H	1	ul
dH ₂ O	6.8	ul
Total	10	ul

< Size of fragment expected from this clone >

BglII	6.5	kb
EcoRI	6.5	kb
BglII + EcoRI	5.2, 1.3	kb

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

Marker : 2-Log DNA Ladder



● Adjust plasmid DNA solution to 25 ng/ul

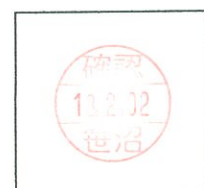
Date : 180205

DNA (<u>75</u> ng/ul)	<u>35.0</u>	ul
10x TE	<u>10.5</u>	ul
dH ₂ O	<u>59.5</u>	ul
Total	105.0	ul

● Shipping

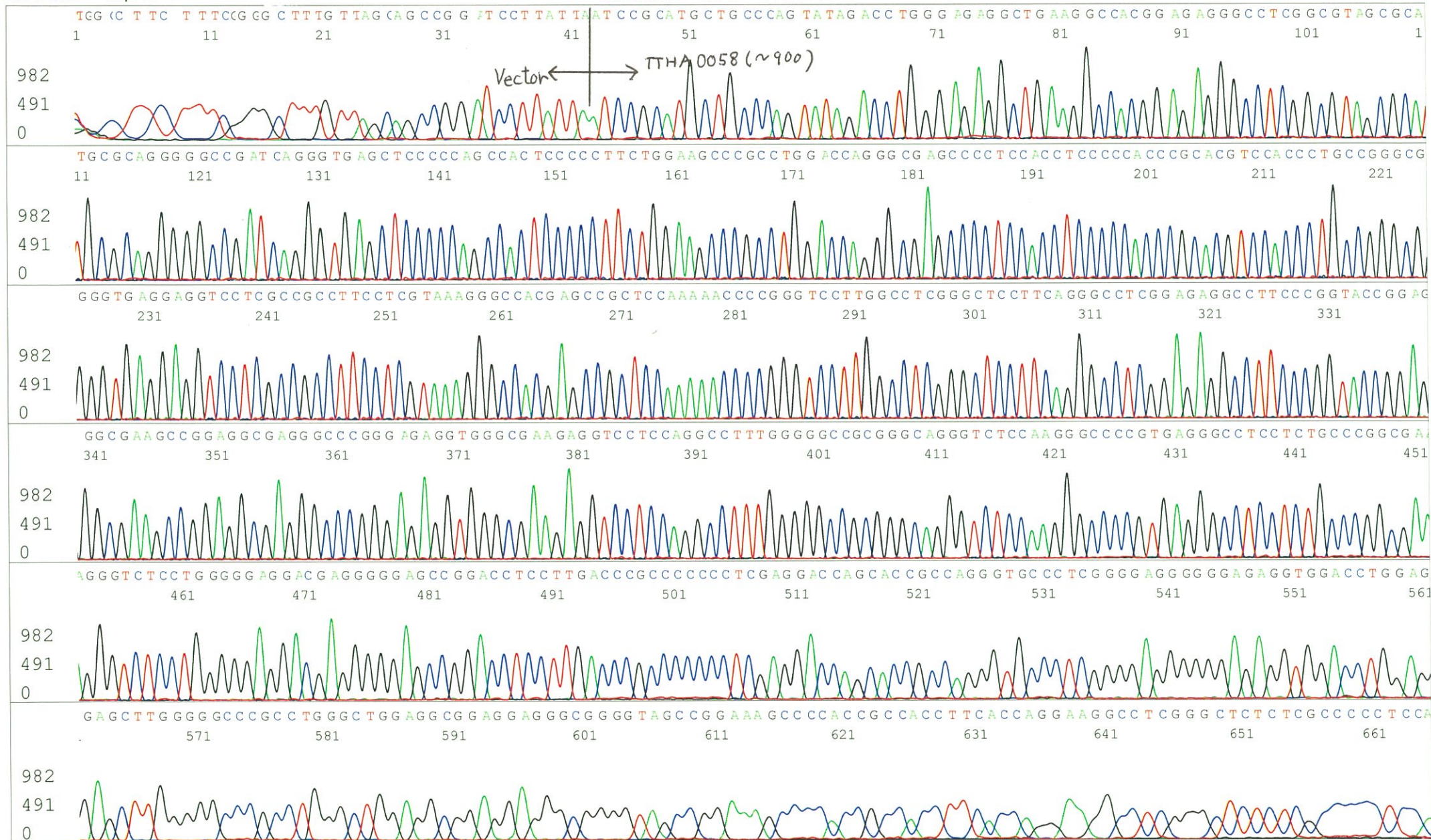
- Conc. : 25 ng/μl, Volume : 40 μl
- ~~Conc. : _____ ng/μl, Volume : _____ μl~~

APPROVED BY :



S/N G:135 A:130 T:86 C:231
KB.bcp
KB 1.4.1.8 Cap:12

Primer B : T7 terminator
5' GCTAGTTATTGCTCAGCGG 3'



S/N G:31 A:28 T:25 C:59
KB.bcp
KB 1.4.1.8 Cap:9

Primer A : T7 long

5' CGCCAAGCTCTAATACGACTCACTATAGGG 3'

