

RIKEN Clone ID : TEx05F02 (PC011248-42)

Lot# : 6078_A8Bq

Vector : pET-11a

Locus tag	TTHA1248
Insert size	1944 bp
Product	acetyl-coenzyme A synthetase

● Plasmid DNA purification

Date : 180226

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

Date : 180227

Purification : QIAGEN Miniprep kit -> dH₂O ¹⁰⁰50 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 180227

DNA concentration (O.D.): 48 ng/ul

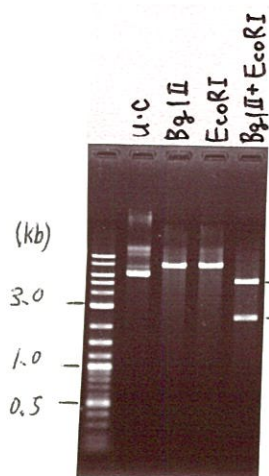
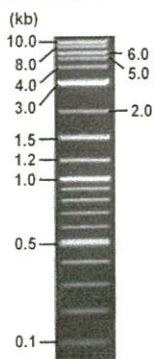
DNA	2	ul
Enzyme (BglII + EcoRI)	0.5 + 0.5	ul
Buffer H	1	ul
dH ₂ O	6	ul
Total	10	ul

< Size of fragment expected from this clone >

BglII	7.6 kb
EcoRI	7.6 kb
BglII + EcoRI	5.2, 2.4 kb

Electrophoresis : 1% agarose gel, 1x TAE Buffer

Marker : 2-Log DNA Ladder



● Adjust plasmid DNA solution to 25 ng/ul

Date : 180307

DNA (<u>48</u> ng/ul)	<u>76.0</u>	ul
10x TE	<u>14.5</u>	ul
dH ₂ O	<u>55.4</u>	ul
Total	145.9	ul

● Shipping

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

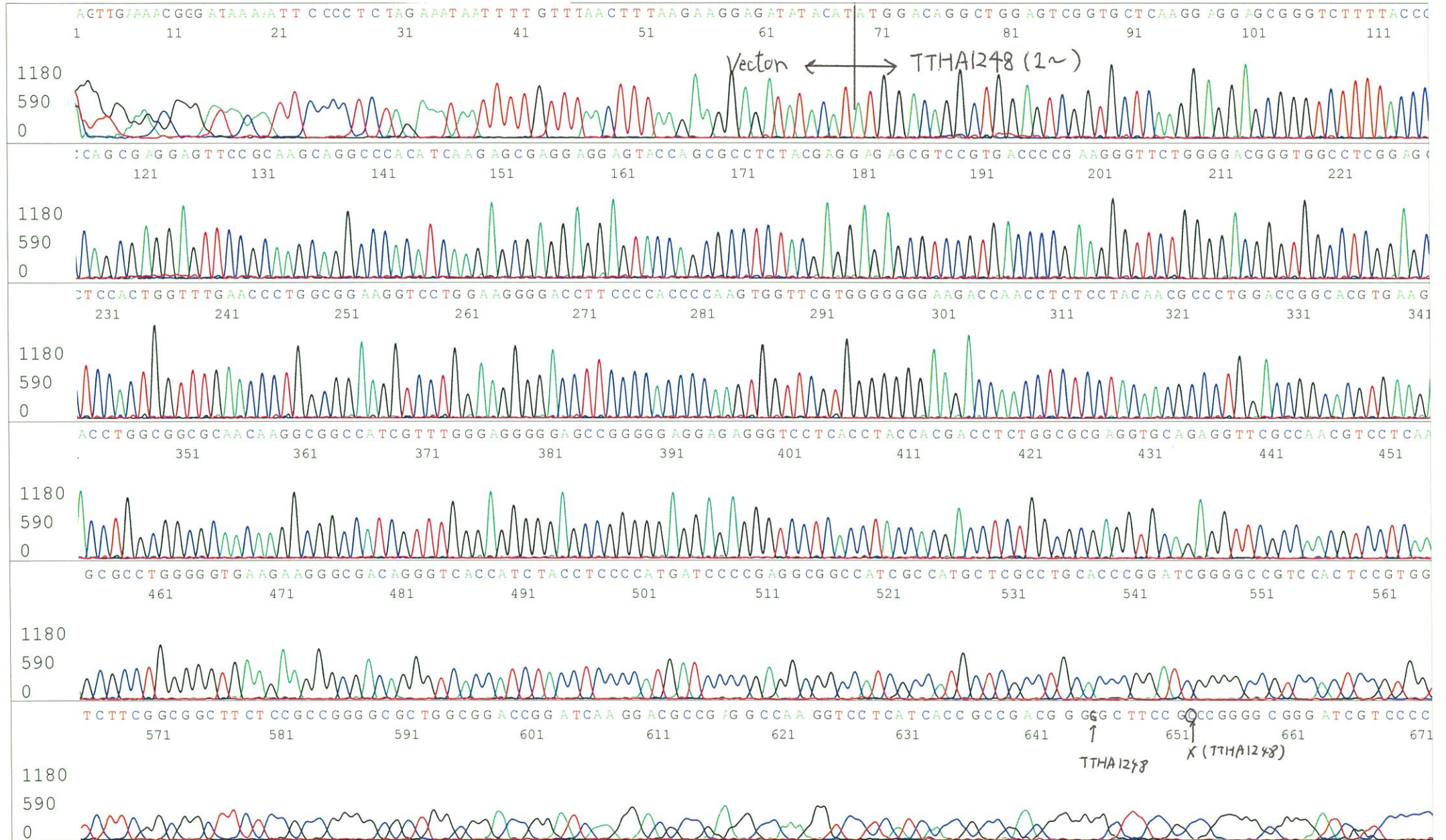
APPROVED BY :



S/N G:44 A:38 T:26 C:59
KB.bcp
KB 1.4.1.8 Cap:7

Primer A : T7 long

5' CGCCAAGCTCTAATACGACTCACTATAGGG 3'



S/N G:36 A:24 T:24 C:51
KB.bcp
KB 1.4.1.8 Cap:10

Primer B : T7 terminator
5' GCTAGTTATTGCTCAGCGG 3'

