Thermus thermophilus HB8 expression plasmid

Gene Engineering Division
RIKEN BioResource Research Center

RIKEN_Clone_ID : TEx13B02 (PC010858-41)

Lot# : 6078_A9Gj

Vector : pET-11a

Locus tag	TTHA0858
Insert size	555 bp
Product	ribosome recycling factor (Rrf)

● Plasmid DNA purification

Date : 190722

Culture : LB (100 ug/ml Ampicillin) ~~10 ml~~ 5 -> 37°C O/N

Date : 190723

Purification : QIAGEN Miniprep kit -> dH_2O 50 ul

● Digestion by restriction enzyme/Concentrarion calibration

Date : 190723

DNA concentration (O.D.): 99 ng/ul

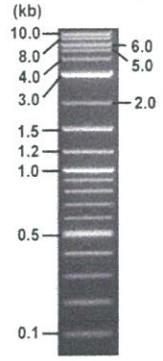
DNA	1 ul
Enzyme (BglII + EcoRI)	0.5 + 0.5 ul
Buffer H	1 ul
dH_2O	7 ul
Total	10 ul

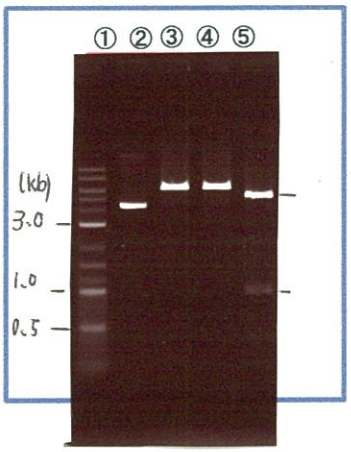
< Size of fragment expected from this clone >

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

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

Marker : 2-Log DNA Ladder





①:Marker
②:uncut
③:BglII
④:EcoRI
⑤:BglII + EcoRI

● Adjust plasmid DNA solution to 25 ng/ul

Date : 190731

DNA (99 ng/ul)	30.0 ul
10x TE	11.8 ul
dH_2O	77.0 ul
Total	118.8 ul

● Shipping

☑ Conc. : 25 ng/μl, Volume : 40 μl

☐ ~~Conc. : ng/μl, Volume : μl~~

APPROVED BY :

確認 DIC 19.7.29 笹沼

Applied Biosystems

S/N G:60 A:51 T:21 C:45
KB.bcp
KB 1.4.1.8 Cap:1

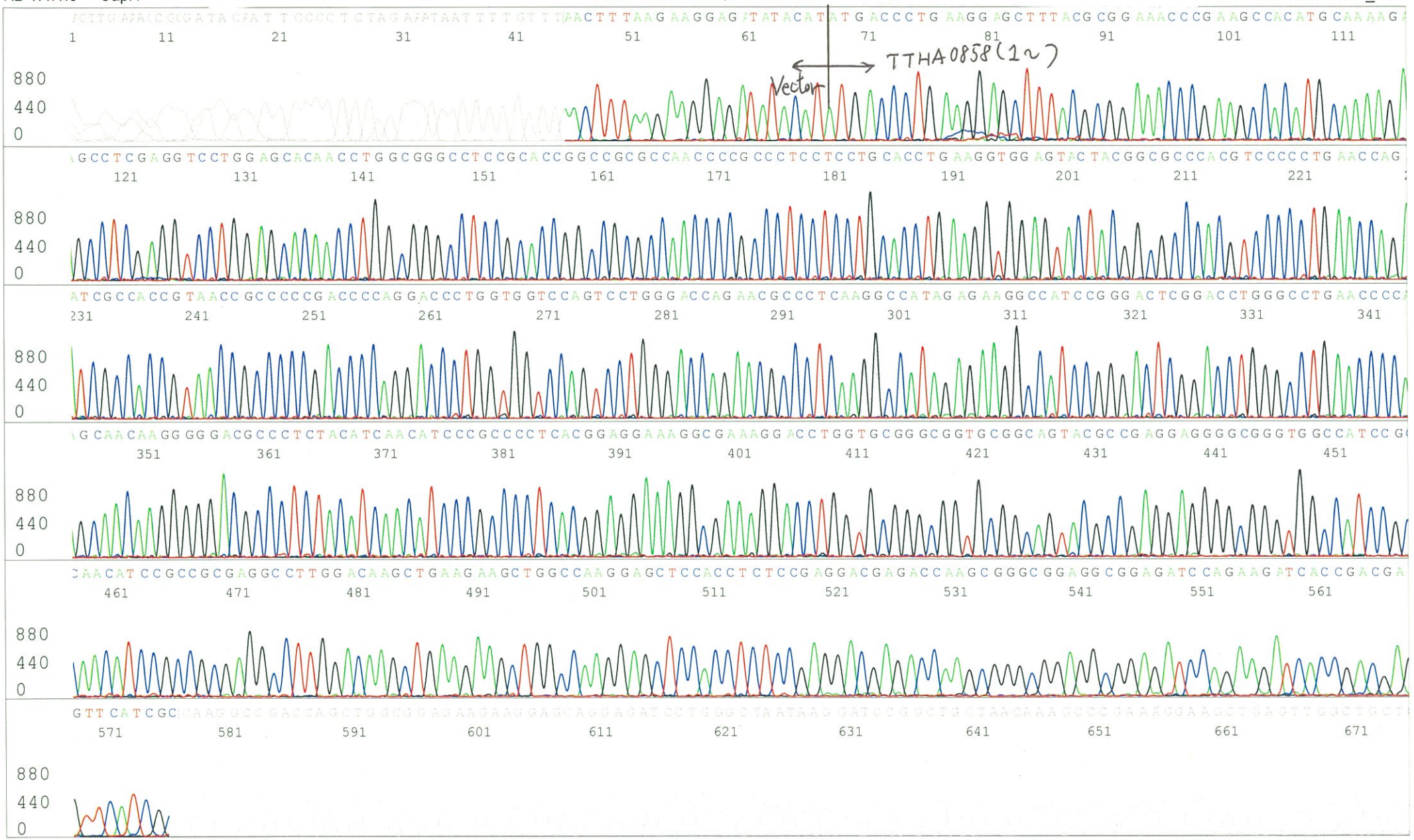
Primer A : T7 long

5' CGCCAAGCTCTAATACGACTCACTATAGGG 3'

6078_TEx13B02_A9Gj_T7 long_A01_01_ABI08
6078_TEx13B02_A9Gj_T7 long
KB_3500_POP7_BDTv3.mob
Pts 1712 to 8703 Pk1 Loc:1680
Version 6.0 HiSQV Bases: 713

Gray line indicates quality value (QV) < 40.

Inst Model/Name 3500/3500 Instrument
Jul 30,2019 10:00AM, JST
Jul 30,2019 10:14AM, JST
Spacing:10.59 Pts/Panel1350
Plate Name: 20190730_GNP



Applied Biosystems

S/N G:80 A:47 T:55 C:105
KB.bcp
KB 1.4.1.8 Cap:7

Primer B : T7 terminator

5' GCTAGTTATTGCTCAGCGG 3'

6078_TEx13B02_A9Gj_T7 terminator_G01_07_ABI08
6078_TEx13B02_A9Gj_T7 long
KB_3500_POP7_BDTv3.mob
Pts 1700 to 8704 Pk1 Loc:1668
Version 6.0 HiSQV Bases: 714

Inst Model/Name 3500/3500 Instrument
Jul 24,2019 09:39AM, JST
Jul 24,2019 10:06AM, JST
Spacing:10.56 Pts/Panel1350
Plate Name: 20190724_GNP

