Thermus thermophilus HB8 expression plasmid

Gene Engineering Division
RIKEN BioResource Center

RIKEN_Clone_ID : TEx09C12 (PC011695-41)

Lot# : 6078_A4Du

Vector : pET-11a

Locus tag	TTHA1695
Insert size	2073 bp
Product	elongation factor G (EF-G)

● Plasmid DNA purification

Date : 140430

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

Date : 140501

Purification : QIAGEN Miniprep kit -> dH_2O 50 ul

● Digestion by restriction enzyme/Concentrarion calibration

Date : 140501

DNA concentration (O.D.): 100 ng/ul

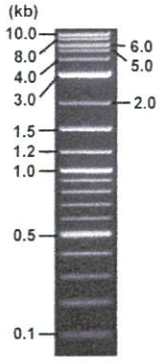
DNA	0.4 ul
Enzyme (BglII + EcoRI)	0.5 + 0.5 ul
Buffer H	1 ul
dH_2O	ul
Total	10 ul

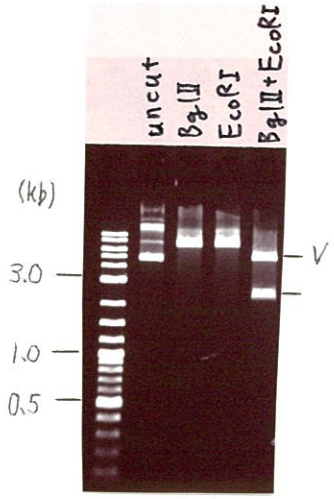
<Size of fragment expected from TEx09C12 >

BglII		7714 bp
EcoRI		7714 bp
BglII + EcoRI	5213	2501 bp

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

Marker : 2-Log DNA Ladder





● Adjust plasmid DNA solution to 25 ng/ul

Date : 140509

DNA (100 ng/ul)	36.0	ul
10x TE	14.4	ul
dH_2O	93.6	ul
Total	144.0	ul

● Shipping

☑ Conc. : 25 ng/μl, Volume : 40 μl

☐ ~~Conc. : ng/μl, Volume : μl~~

APPROVED BY :

14.5.09 笹沼

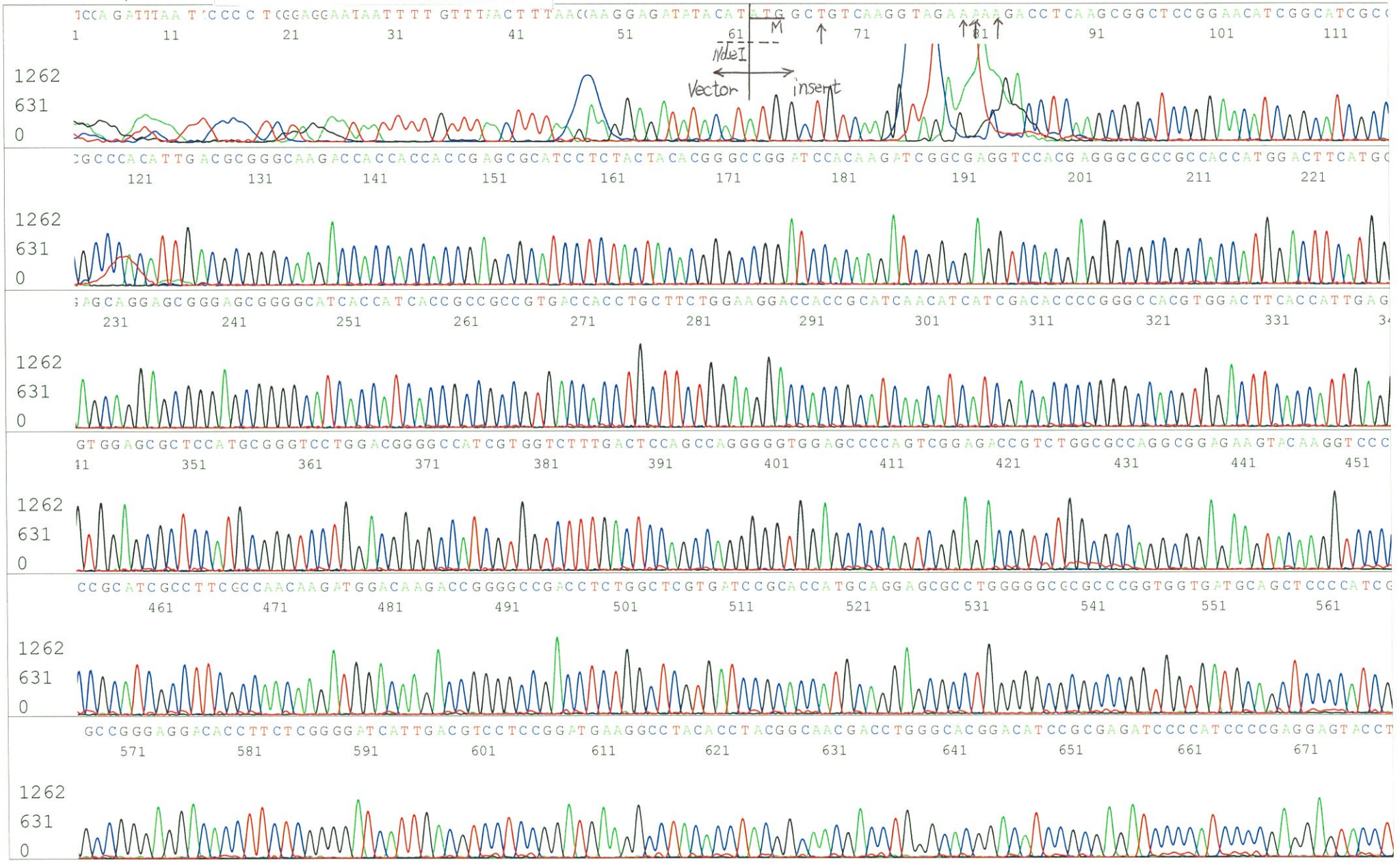
Applied Biosystems

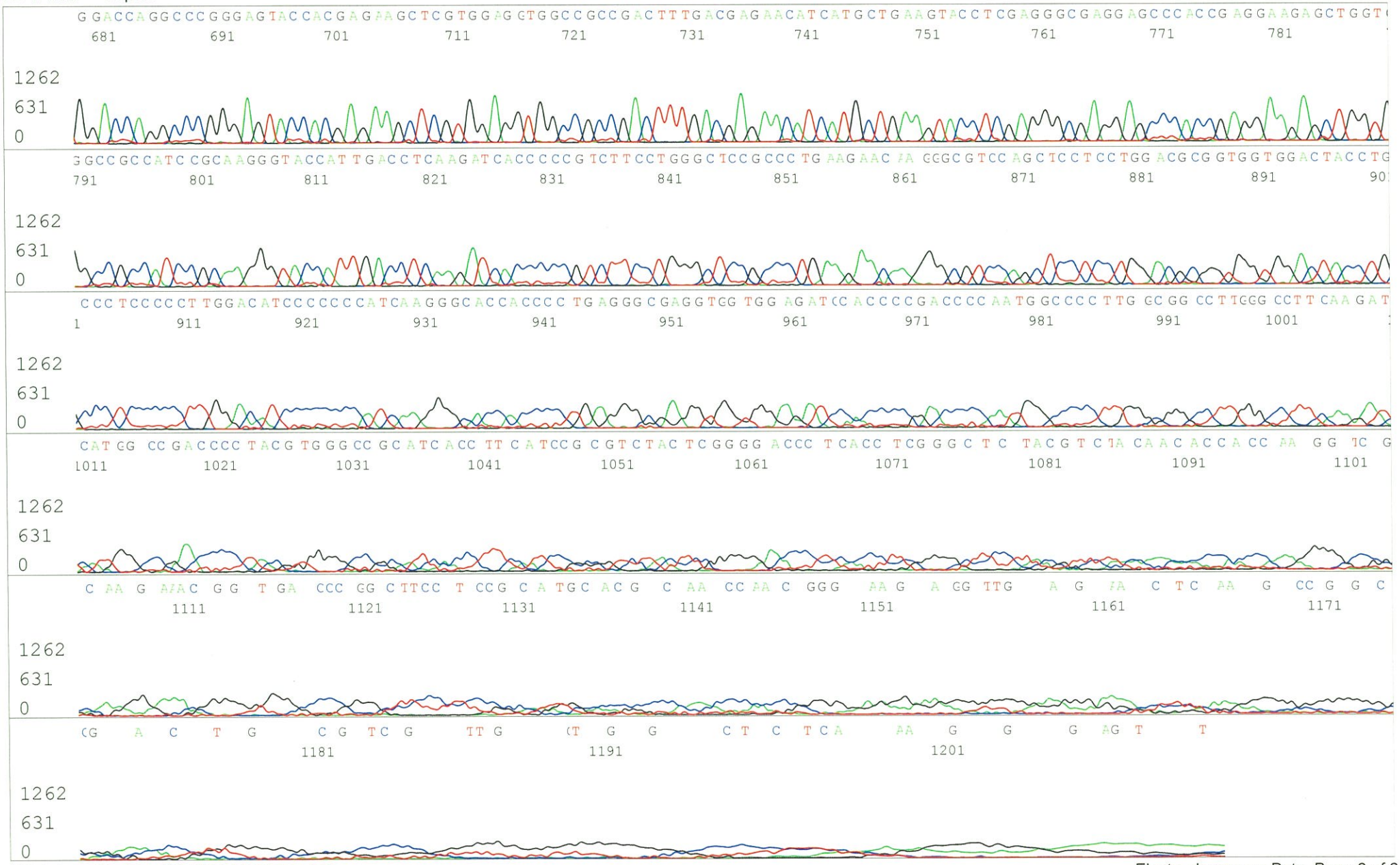
S/N G:31 A:36 T:23 C:45
KB.bcp
KB 1.4.1.8 Cap:16

Primer A : T7
5' TAATACGACTCACTATAGGG 3'

6078_TEx09C12_A4Du_T7_F10_16
6078_TEx09C12_A4Du_T7
KB_3500_POP7_BDTv3.mob
Pts 1410 to 14005 Pk1 Loc:1387
Version 5.4 HiSQV Bases: 1001

Inst Model/Name 3500/3500 Instrument
May 08,2014 09:35AM, JST
May 08,2014 10:02AM, JST
Spacing:12.27 Pts/Panel1350
Plate Name: 20140508_mix




681 691 701 711 721 731 741 751 761 771 781
1262
631
0
791 801 811 821 831 841 851 861 871 881 891
1262
631
0
1 911 921 931 941 951 961 971 981 991 1001
1262
631
0
1011 1021 1031 1041 1051 1061 1071 1081 1091 1101
1262
631
0
1111 1121 1131 1141 1151 1161 1171
1262
631
0
1181 1191 1201
1262
631
0

Applied Biosystems

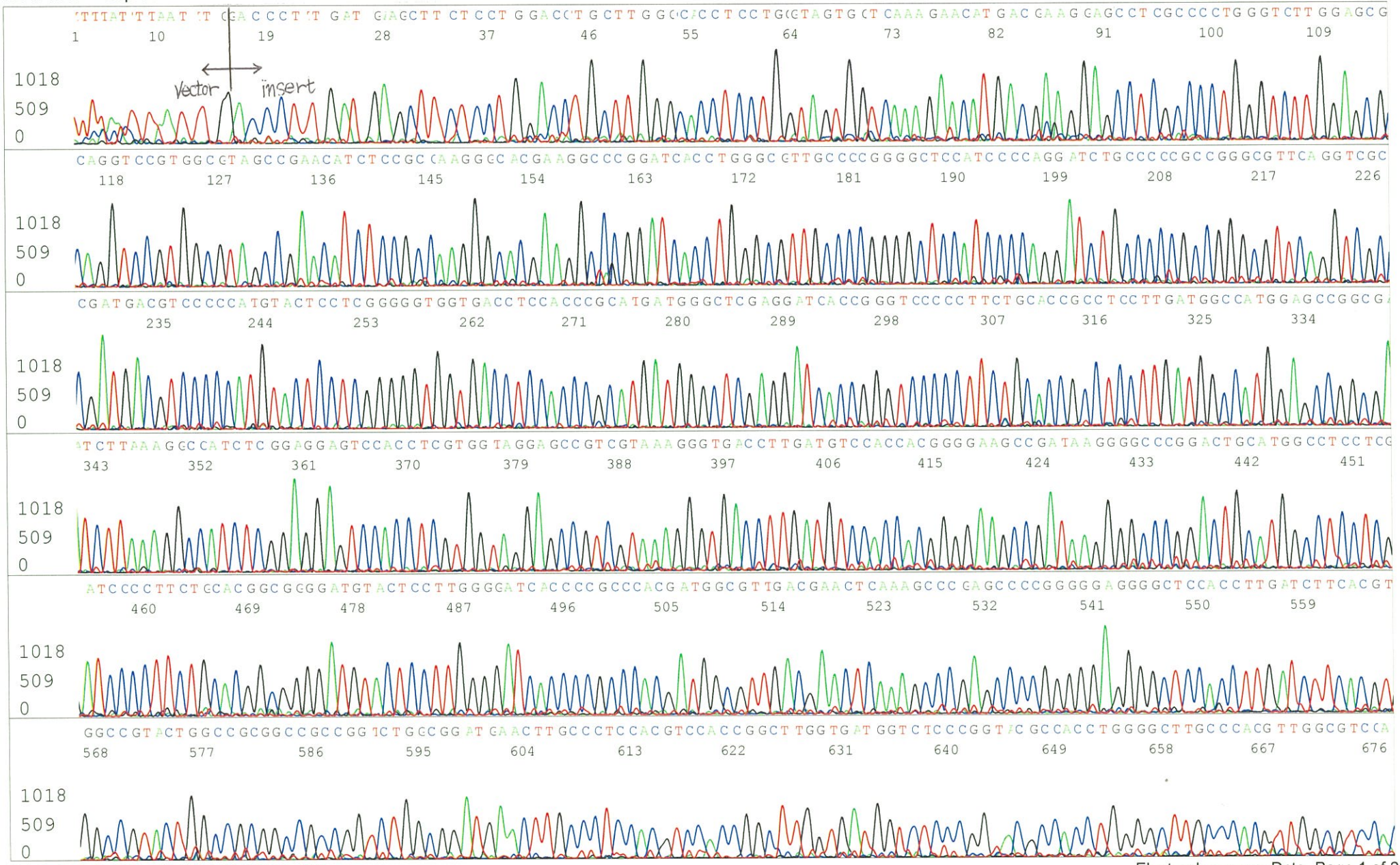
S/N G:8 A:8 T:6 C:9
KB.bcp
KB 1.4.1.8 Cap:11

Primer B : T7 terminator

5' GCTAGTTATTGCTCAGCGG 3'

6078_TEx09C12_A4Du_T7terminator_D05_11
6078_TEx09C12_A4Du_T7terminator
KB_3500_POP7_BDTv3.mob
Pts 1702 to 14060 Pk1 Loc:1679
Version 5.4 HiSQV Bases: 926

Inst Model/Name 3500/3500 Instrument
May 02,2014 09:52AM, JST
May 02,2014 10:19AM, JST
Spacing:12.42 Pts/Panel1350
Plate Name: 20140502_GNP



Applied Biosystems

S/N G:8 A:8 T:6 C:9
KB.bcp
KB 1.4.1.8 Cap:11

6078_TEx09C12_A4Du_T7terminator_D05_11
6078_TEx09C12_A4Du_T7terminator
KB_3500_POP7_BDTv3.mob
Pts 1702 to 14060 Pk1 Loc:1679
Version 5.4 HiSQV Bases: 926

Inst Model/Name 3500/3500 Instrument
May 02,2014 09:52AM, JST
May 02,2014 10:19AM, JST
Spacing:12.42 Pts/Panel1350
Plate Name: 20140502_GNP

