Thermus thermophilus HB8 expression plasmid

Gene Engineering Division
RIKEN BioResource Center

RIKEN Clone ID : TEx04E01 (PC010244-42)

Lot# : 6078_A3I5

Vector : pET-11a

Locus tag	TTHA0244
Insert size	789 bp
Product	single-stranded DNA binding protein

● Plasmid DNA purification

Date : 130905

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

Date : 130906

Purification : QIAGEN Miniprep kit -> dH_2O 50 ul

● Digestion by restriction enzyme/Concentrarion calibration

Date : 130906

DNA concentration (O.D.): 143 ng/ul

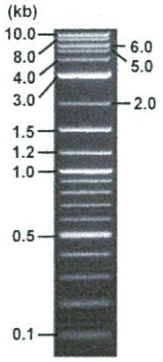
DNA	0.3 ul
Enzyme (BglII + EcoRI)	0.5 + 0.5 ul
Buffer H	1 ul
dH_2O	7.7 ul
Total	10 ul

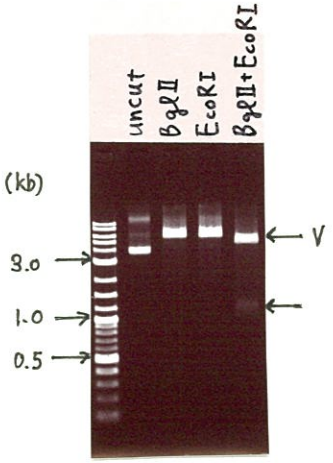
<Size of fragment expected from TEx04E01 >

BglII	6430 bp
EcoRI	6430 bp
BglII + EcoRI	5213 , 1217 bp

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

Marker : 2-Log DNA Ladder (NEB#N3200L)





● Adjust plasmid DNA solution to 25 ng/ul ～preparation for shipping～

Date : 130917

Shipping amount : 40 ul
Concentration at the time of preparation of plasmid DNA : 25 ng/ul

DNA (143 ng/	32.0 ul
10x TE	18.3 ul
dH_2O	132.7 ul
Total	183.0 ul

APPROVED BY :

確認 13.9.17 笹沼

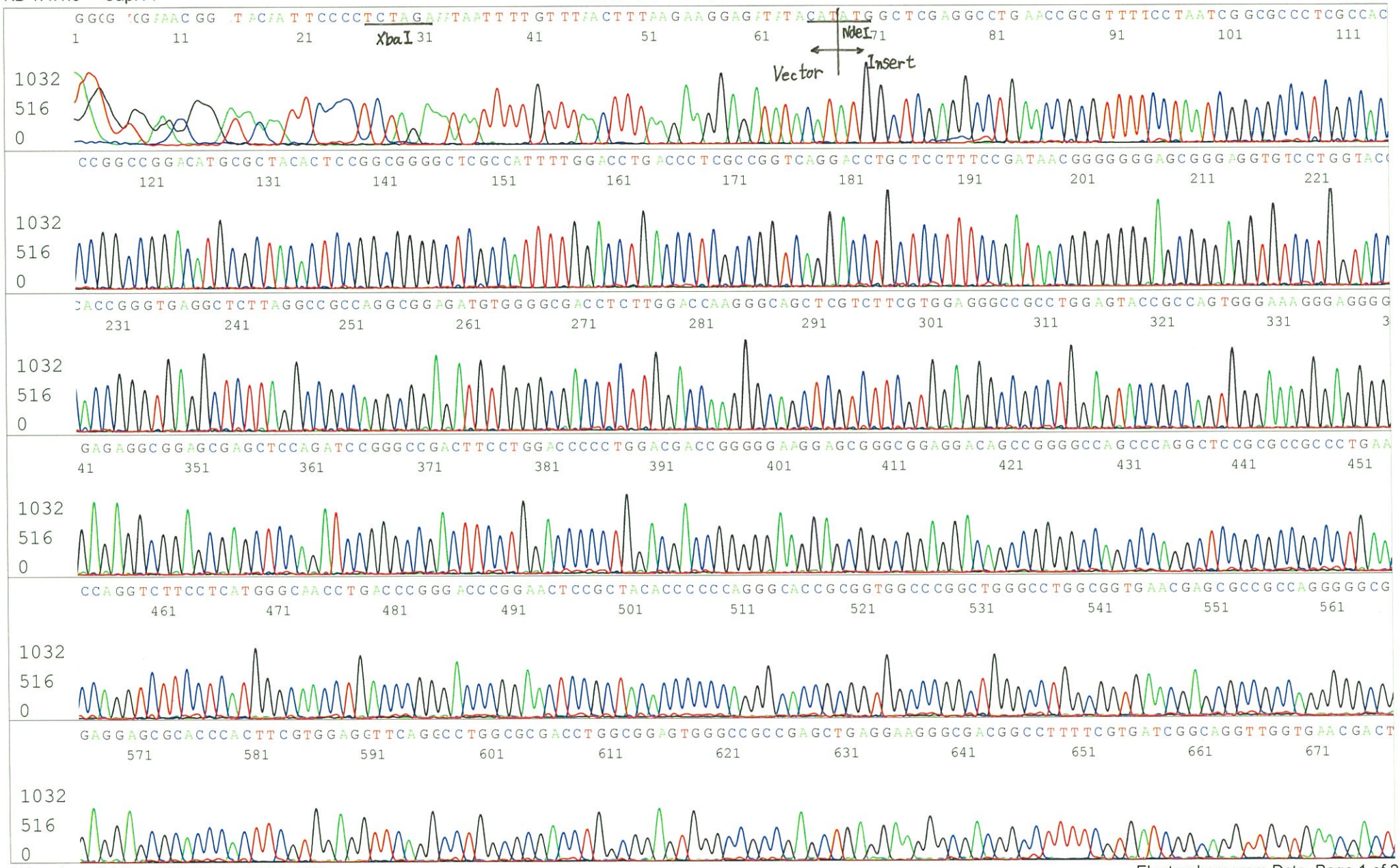
Applied Biosystems

S/N G:50 A:36 T:26 C:44
KB.bcp
KB 1.4.1.8 Cap:14

Primer A : T7 long
5' CGCCAAGCTCTAATACGACTCACTATAGGG 3'

6078_TEx04E01__A3I5_T7long_E11_14
6078_TEx04E01__A3I5_T7long
KB_3500_POP7_BDTv3.mob
Pts 1492 to 14012 Pk1 Loc:1469
Version 5.4 HiSQV Bases: 1035

Inst Model/Name 3500/3500 Instrument
Sep 13,2013 10:41AM, JST
Sep 13,2013 11:08AM, JST
Spacing:12.43 Pts/Panel1350
Plate Name: 20130913_GNP



Applied Biosystems

S/N G:50 A:36 T:26 C:44
KB.bcp
KB 1.4.1.8 Cap:14

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6078_TEx04E01__A3I5_T7long
KB_3500_POP7_BDTv3.mob
Pts 1492 to 14012 Pk1 Loc:1469
Version 5.4 HiSQV Bases: 1035

Inst Model/Name 3500/3500 Instrument
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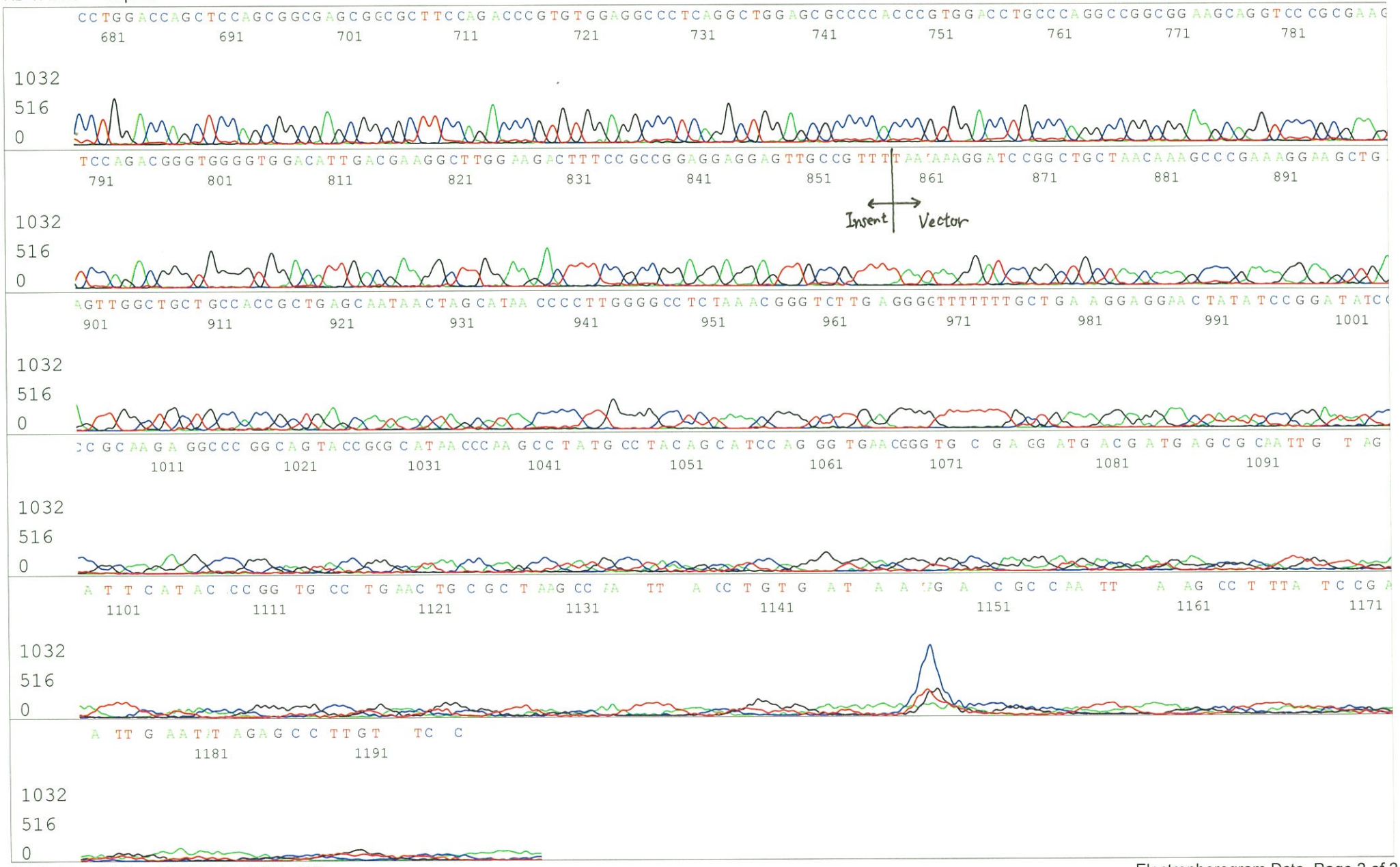

Applied Biosystems

S/N G:343 A:139 T:153 C:216
KB.bcp
KB 1.4.1.8 Cap:11

Primer B : T7 terminator

5' GCTAGTTATTGCTCAGCGG 3'

6078_TEx04E01_A3I5_T7terminator_D02_11
6078_TEx04E01_A3I5_T7terminator
KB_3500_POP7_BDTv3.mob
Pts 1290 to 13097 Pk1 Loc:1267
Version 5.4 HiSQV Bases: 1043

Inst Model/Name 3500/3500 Instrument
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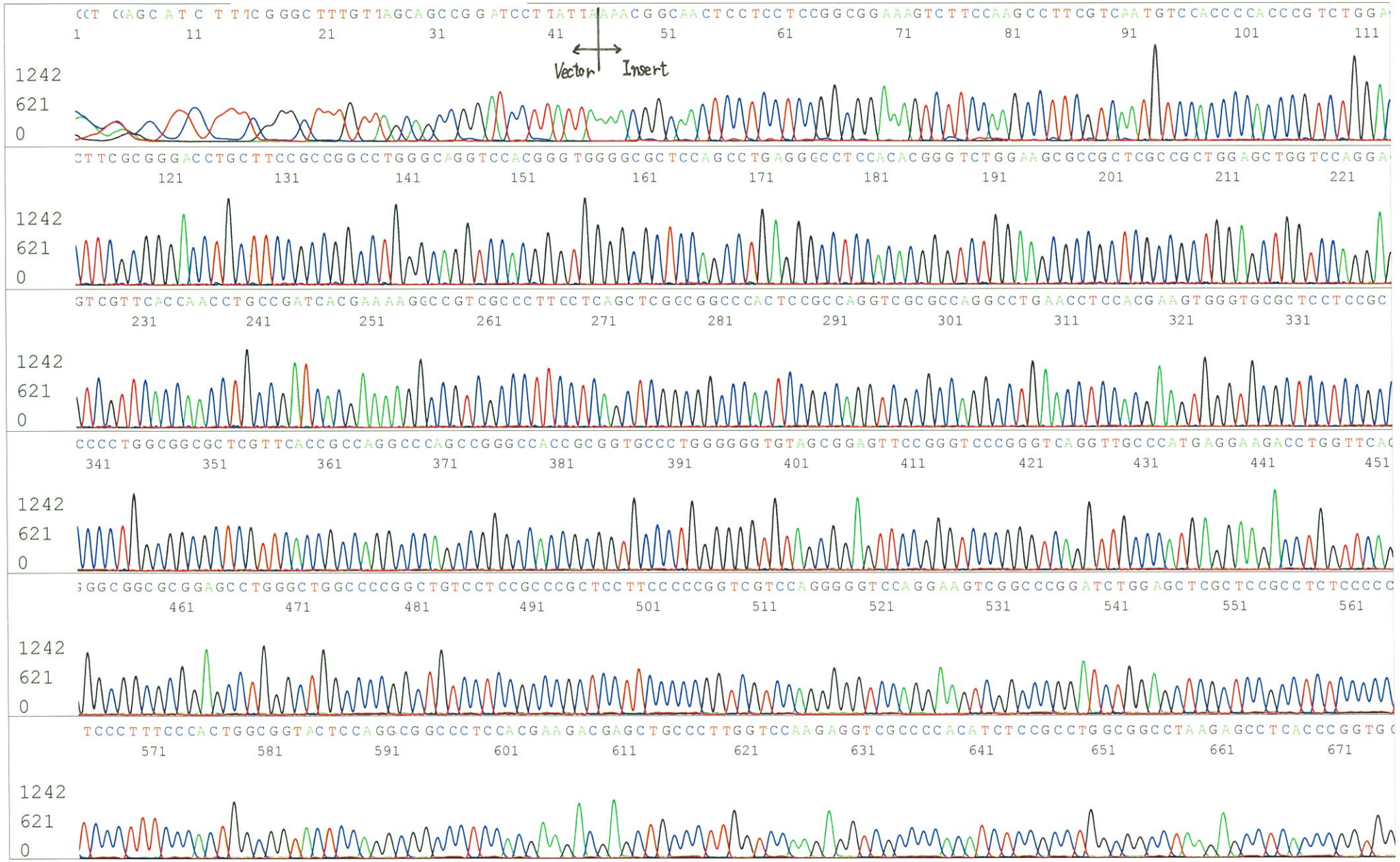
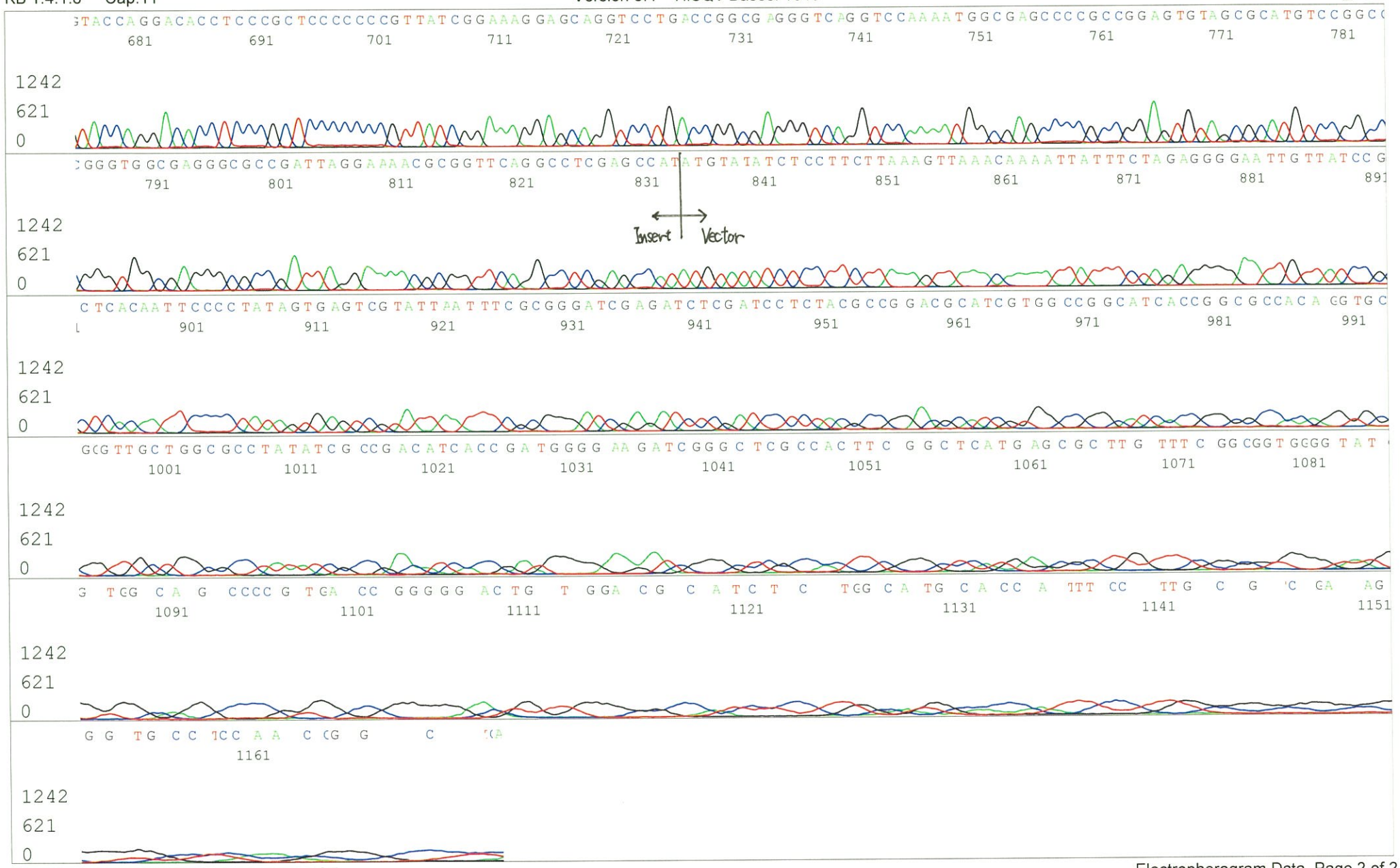
Sep 11,2013 11:14AM, JST
Spacing:11.57 Pts/Panel1350
Plate Name: 20130911_GNP



Applied Biosystems

S/N G:343 A:139 T:153 C:216
KB.bcp
KB 1.4.1.8 Cap:11

6078_TEx04E01_A3I5_T7terminator_D02_11
6078_TEx04E01_A3I5_T7terminator
KB_3500_POP7_BDTv3.mob
Pts 1290 to 13097 Pk1 Loc:1267
Version 5.4 HiSQV Bases: 1043

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Sep 11,2013 11:14AM, JST
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Plate Name: 20130911_GNP