

RIKEN Clone ID StoEx01H03

Lot# 7352_A6C7

Vector: pET-11a

Locus tag	ST1465
Insert size	285 bp
Product	phosphoribosyl-AMP cyclohydrolase

● Plasmid DNA purification

Date : 160308

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

Date : 160309

Purification : QIAGEN Miniprep kit → dH₂O 50 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 160309

DNA concentration (O.D.): 126 ng/ul

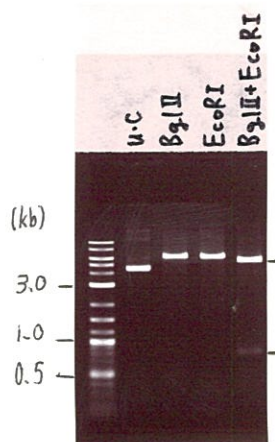
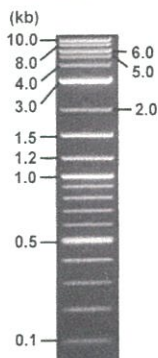
DNA	<u>0.8</u> ul
Enzyme (BglII + EcoRI)	0.5 + 0.5 ul
Buffer H	1 ul
dH ₂ O	<u>7.2</u> ul
Total	10 ul

< Size of fragment expected from this clone >

BglII	6.0 kb
EcoRI	6.0 kb
BglII + EcoRI	5.2 kb 0.75 kb

Electrophoresis : 1% agarose gel, 1x TAE Buffer

Marker : 2-Log DNA Ladder



● Adjust plasmid DNA solution to 25 ng/ul

Date : 160314

DNA (<u>126</u> ng/ul)	<u>42.0</u> ul
10x TE	<u>21.2</u> ul
dH ₂ O	<u>148.5</u> ul
Total	<u>211.7</u> ul

● Shipping

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

APPROVED BY :



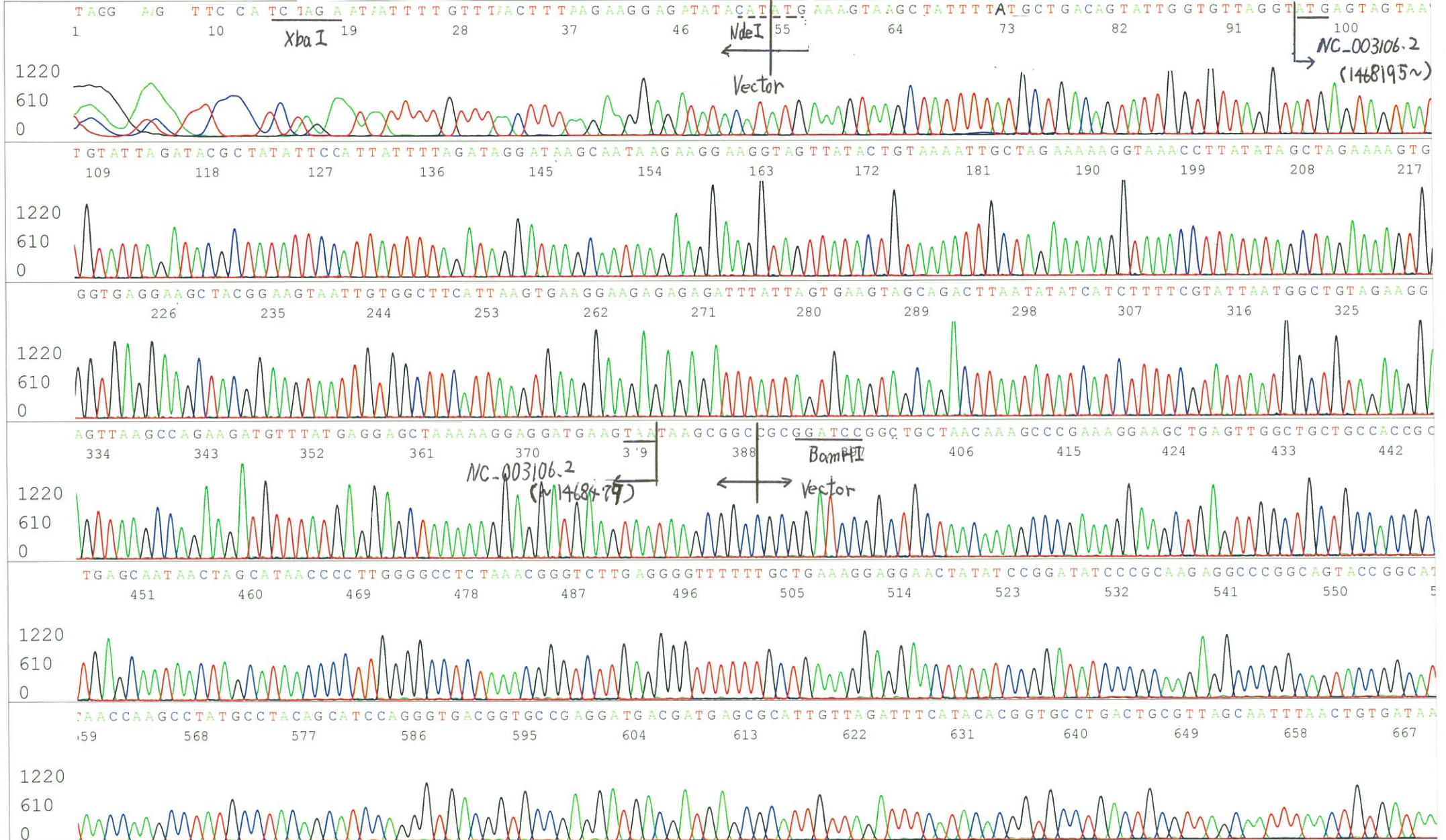
S/N G:221 A:275 T:228 C:199
KB.bcp
KB 1.4.1.8 Cap:1

Primer A : T7

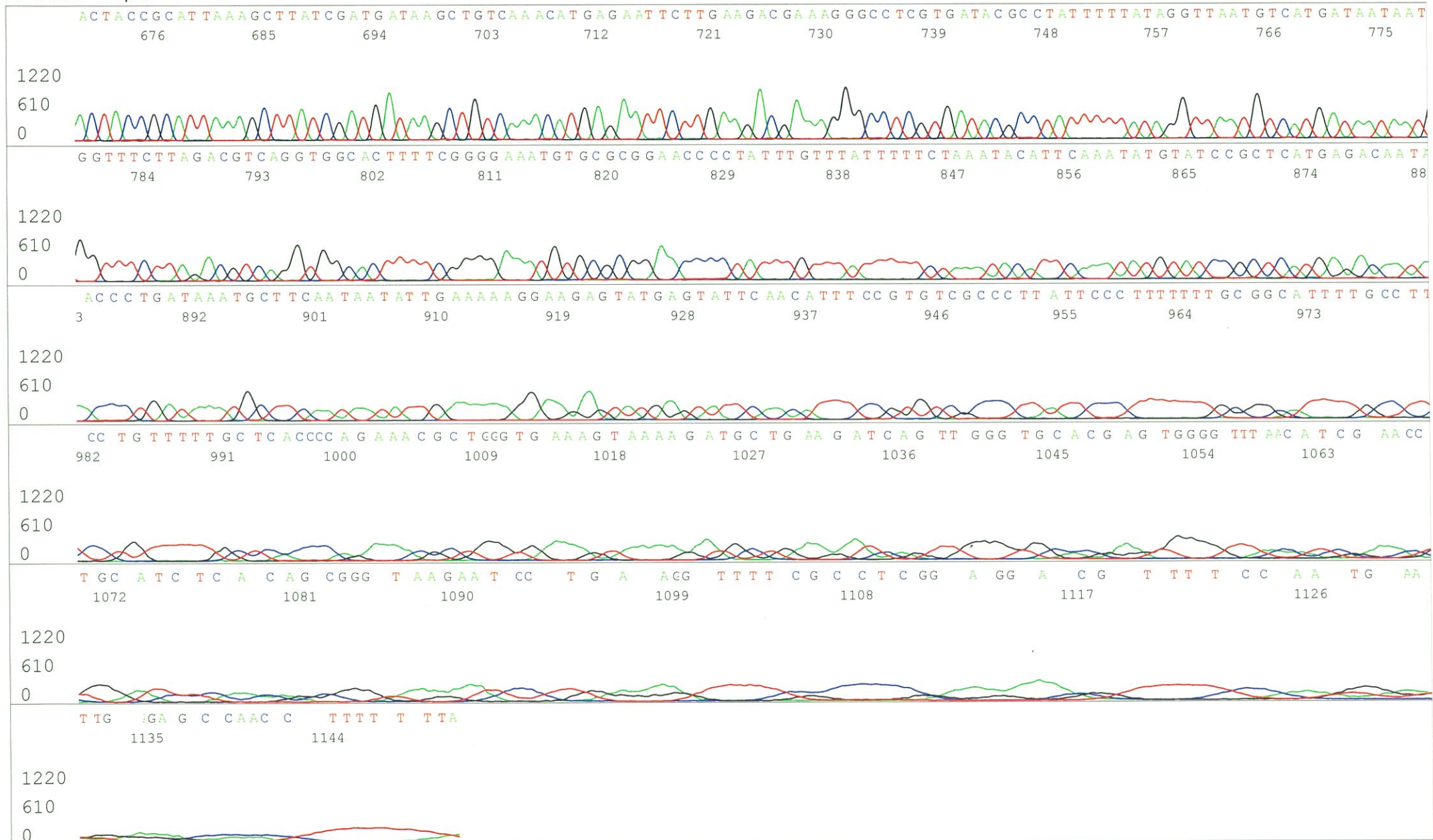
5'-TAATACGACTCACTATAGGG-3' /ersion 6.0 HiSQV Bases: 1007

7352_StoEx01H03_A6C7_T7_A10_01
7352_StoEx01H03_A6C7_T7
KB_3500_POP7_BDTv3.mob
Pts 1442 to 13093 Pk1 Loc:1419

Inst Model/Name 3500/3500 Instrument
Mar 11,2016 09:56AM, JST
Mar 11,2016 10:22AM, JST
Spacing:11.55 Pts/Panel1350
Plate Name: 20160311_GNP



S/N G:221 A:275 T:228 C:199
KB.bcp
KB 1.4.1.8 Cap:1

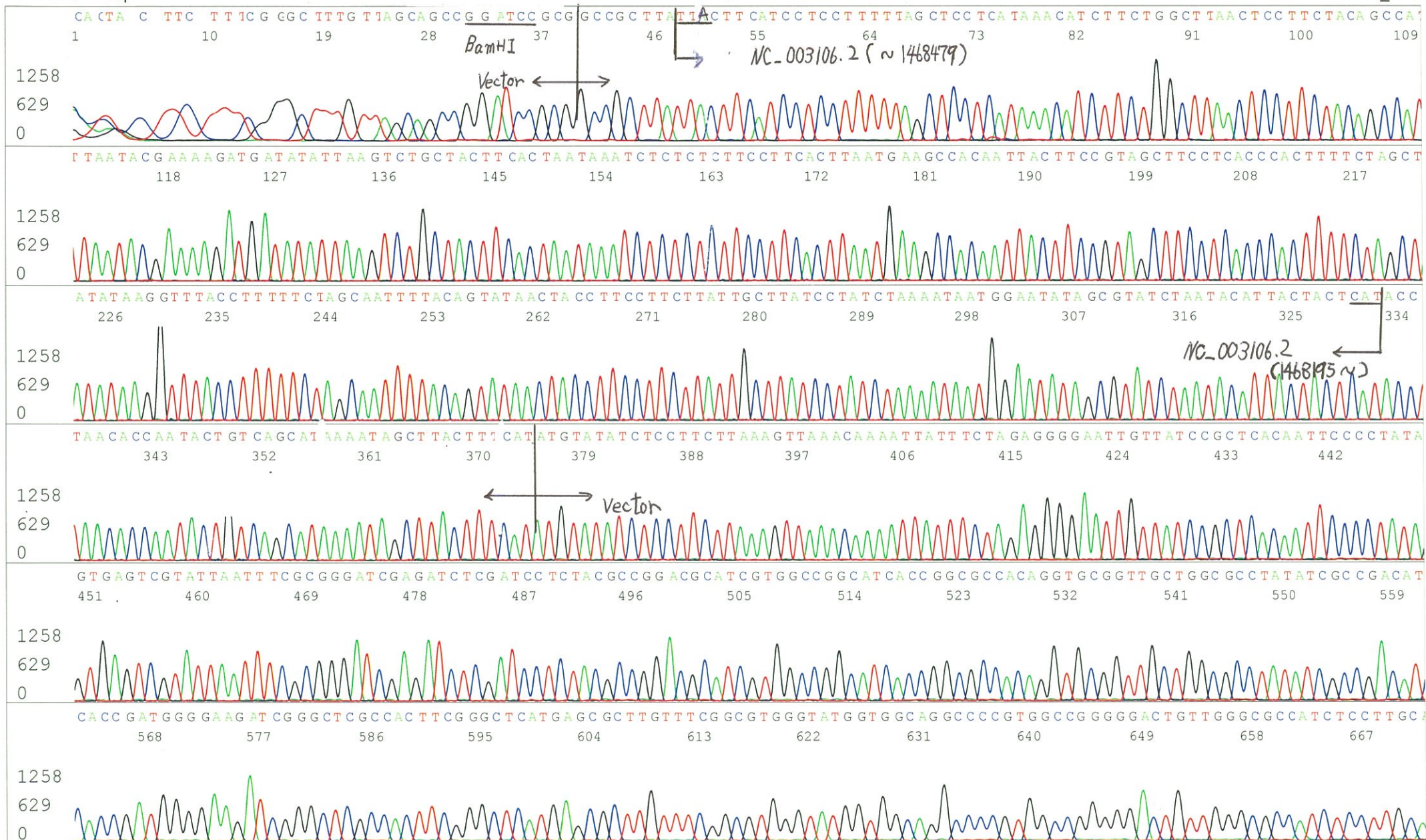


S/N G:371 A:499 T:604 C:633
KB.bcp
KB 1.4.1.8 Cap:4

Primer B : T7 terminator
5' GCTAGTTATTGCTCAGCGG 3'

7352_StoEx01H03_A6C7_T7terminator_B10_04
7352_StoEx01H03_A6C7_T7terminator
KB_3500_POP7_BDTv3.mob
Pts 1452 to 13036 Pk1 Loc:1429
Version 6.0 HiSQV Bases: 1007

Inst Model/Name 3500/3500 Instrument
Mar 11,2016 09:56AM, JST
Mar 11,2016 10:22AM, JST
Spacing:11.53 Pts/Panel1350
Plate Name: 20160311_GNP



S/N G:371 A:499 T:604 C:633

KB.bcp

KB 1.4.1.8 Cap:4

