

RIKEN Clone ID : IRAK013B15

Lot#: 7893_A5K4

Vector : pCMV-SPORT6

| | | |
|---------------|------------|---------|
| Gene | PTPN4 | |
| Accession No. | BC010674.1 | 3619 bp |
| | CDS | 2781 bp |

● Plasmid DNA purification

Date : 151104

Culture : LB (100 ug/ml Ampicillin) 5 ml -> at 37 deg C over night

Date : 151106

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 151106

DNA concentration (O.D.): 109 ng/ul

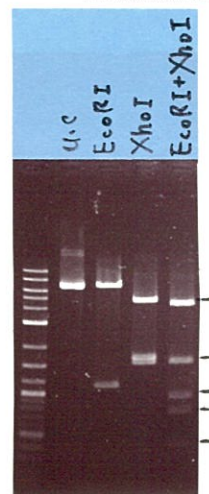
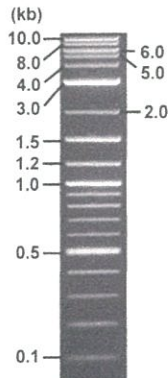
< Size of fragment expected from this clone >

| | |
|-----------------------|--------------|
| DNA | 1 ul |
| Enzyme (EcoRI + XhoI) | 0.5 + 0.5 ul |
| Buffer H | 1 ul |
| dH ₂ O | 7 ul |
| Total | 10 ul |

| | |
|--------------|---|
| EcoRI | 6.4, 1.1, 0.06 kb |
| XhoI | 4.7, 1.7, 1.6 kb |
| EcoRI + XhoI | 4.3kb (Vector) 1.6, 0.92, 0.72, 0.38, 0.06 kb |

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 151111

● Confirmation of the insertion sequence

Date : 151110

| | |
|-------------------|----------|
| DNA (109 ng/ul) | 83.0 ul |
| 10x TE | 36.2 ul |
| dH ₂ O | 242.7 ul |
| Total | 361.9 ul |

| | |
|----------------------------|---|
| Primer A | Reverse2 |
| Primer B | M13 |
| Primer C | - |
| List of Sequencing Primers | http://dna.brc.riken.jp/en/GNPclone3en.html |

● Shipping

Conc. : 25 ng/ul, Volume : 40 ul

Conc. : ng/ul, Volume : ul

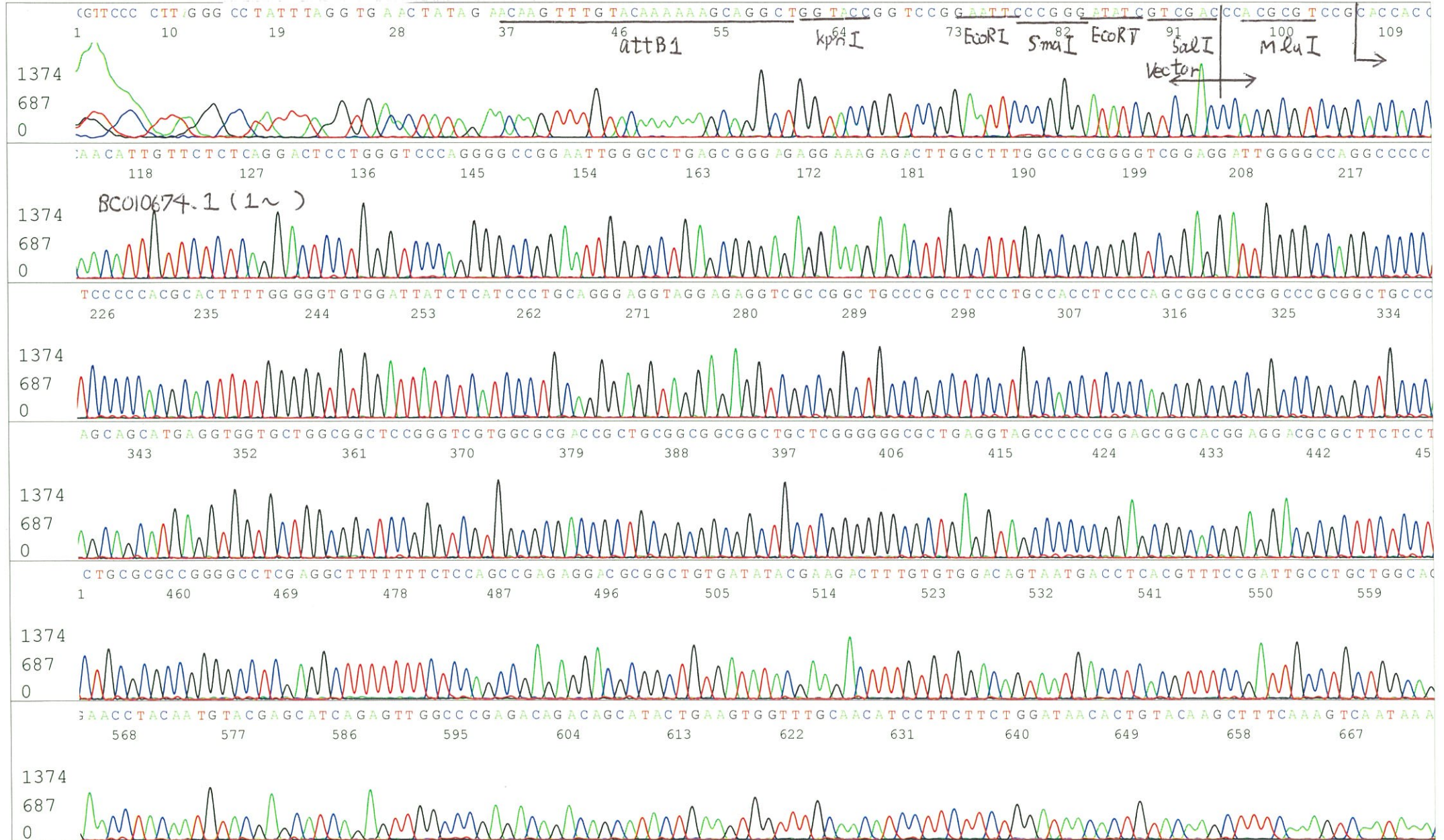
APPROVED BY :

<http://dna.brc.riken.jp/index.html>

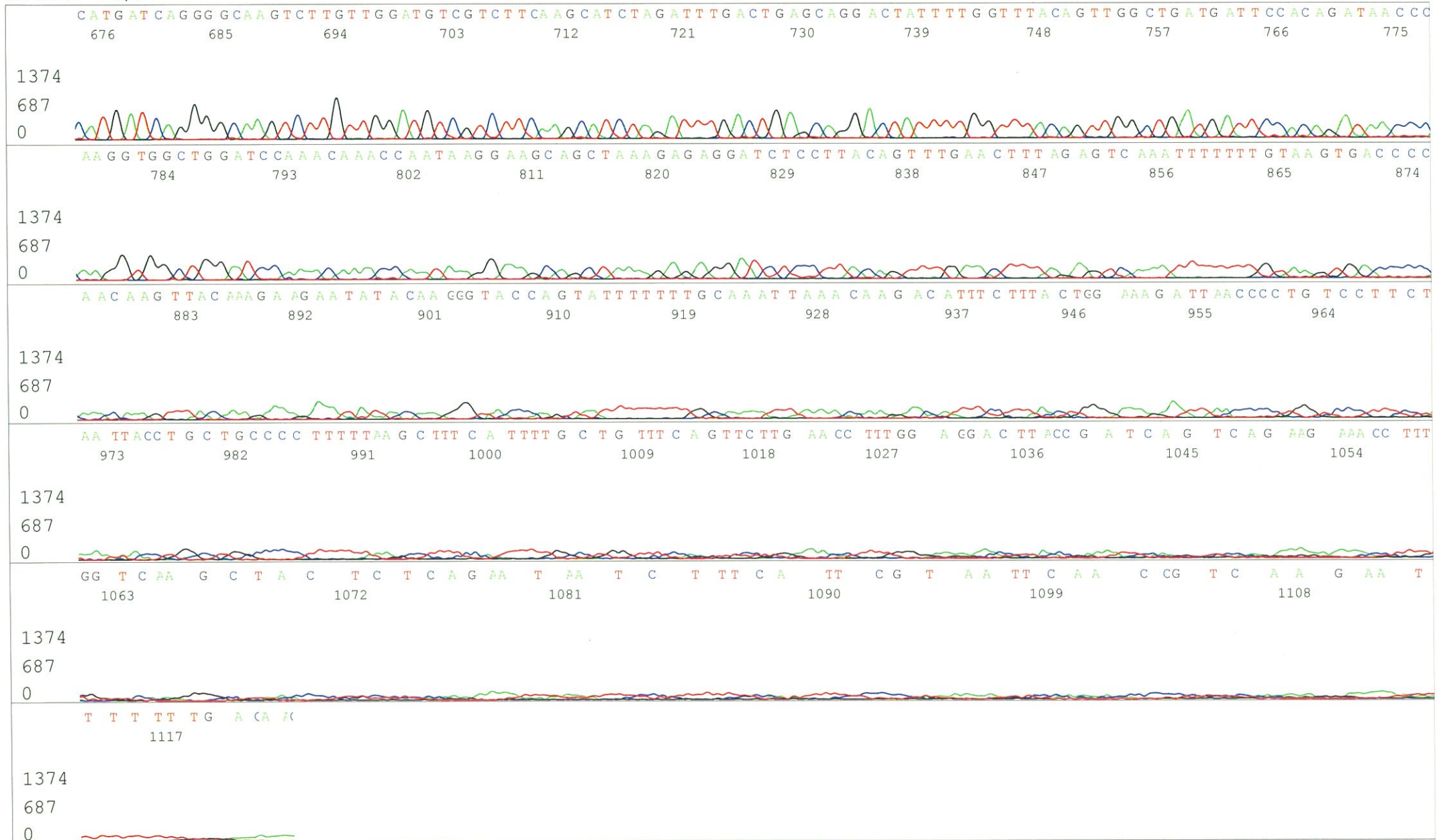


S/N G:62 A:31 T:26 C:29
KB.bcp
KB 1.4.1.8 Cap:14

Primer A : Reverse2
5' GCGGATAACAATTTTCACACAGG 3'

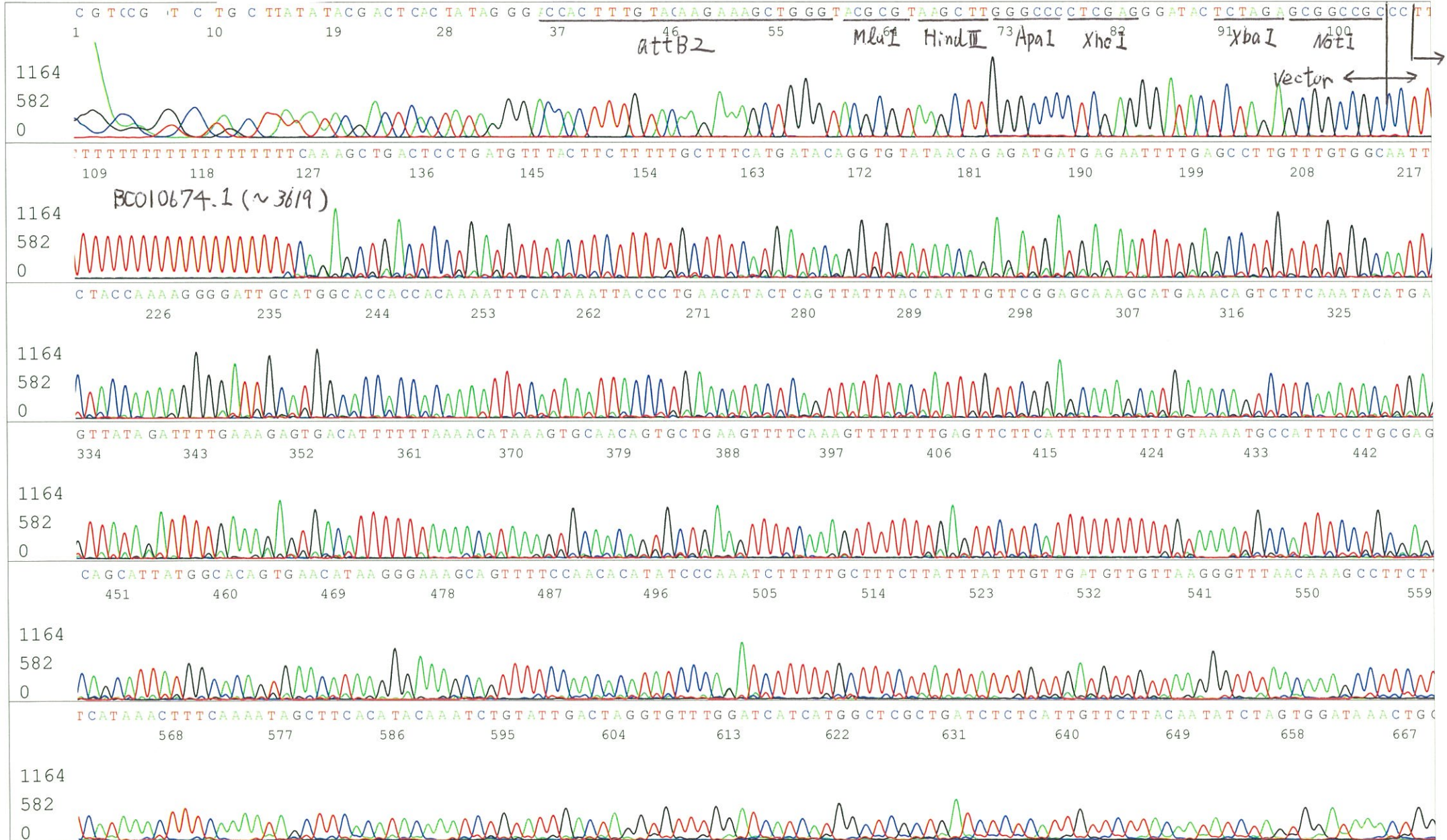


S/N G:62 A:31 T:26 C:29
KB.bcp
KB 1.4.1.8 Cap:14



S/N G:179 A:133 T:143 C:91 Primer B : M13
KB.bcp
KB 1.4.1.8 Cap:17

5' GTTTTCCCAGTCACGACGTTGTA 3'



S/N G:179 A:133 T:143 C:91
KB.bcp
KB 1.4.1.8 Cap:17

IRAK013B15_A5K4_M13(-40)_F02_17
IRAK013B15_A5K4_M13(-40)
KB_3500_POP7_BDTv3.mob
Pts 1482 to 12400 Pk1 Loc:1459
Version 6.0 HiSQV Bases: 953

Inst Model/Name 3500/3500 Instrument
Nov 10,2015 05:00PM, JST
Nov 10,2015 05:27PM, JST
Spacing:10.85 Pts/Panel1350
Plate Name: 20151110_GNP

