

**RIKEN Clone ID : IRAK084G21**

Lot#: 7893\_A5B5

Vector : pCMV-SPORT6

|               |            |           |
|---------------|------------|-----------|
| Gene          | UPF1       |           |
| Accession No. | BC039817.1 | 5357 bp   |
|               |            | 1..5357   |
|               | <i>CDS</i> | 3357 bp   |
|               |            | 273..3629 |

● Plasmid DNA purification

Date : 150205

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

Date : 150206

Purification : QIAGEN Miniprep kit -> dH<sub>2</sub>O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 150206

DNA concentration (O.D.): 281 ng/ul

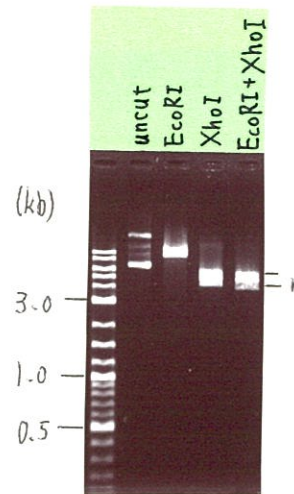
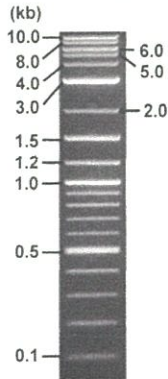
< Size of fragment expected from IRAK084G21 >

|                       |           |       |
|-----------------------|-----------|-------|
| DNA                   | 0.15      | ul    |
| Enzyme (EcoRI + XhoI) | 0.5 + 0.5 | ul    |
| Buffer H              |           | 1 ul  |
| dH <sub>2</sub> O     | 7.85      | ul    |
| Total                 |           | 10 ul |

|              |                              |
|--------------|------------------------------|
| EcoRI        | 9739 bp                      |
| XhoI         | 5152, 4587 bp                |
| EcoRI + XhoI | 4339bp (Vector) 5152, 248 bp |

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 150217

|                   |       |    |
|-------------------|-------|----|
| DNA ( 281 ng/ul)  | 82.0  | ul |
| 10x TE            | 92.2  | ul |
| dH <sub>2</sub> O | 747.5 | ul |
| Total             | 921.7 | ul |

● Confirmation of the insertion sequence

Date : 150212

|                            |   |
|----------------------------|---|
| Primer A                   | Reverse2  |
| Primer B                   | M13   |
| Primer C                   | -   |
| List of Sequencing Primers | <a href="http://dna.brc.riken.jp/en/GNPclone3en.html">http://dna.brc.riken.jp/en/GNPclone3en.html</a> |

● 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:861 A:515 T:330 C:557 Primer A : Reverse2

IRAK084G21\_A5B5\_Reverse2

Feb 10,2015 09:57AM, JST

KB.bcp

KB\_3500\_POP7\_BDTv3.mob

Feb 10,2015 10:23AM, JST

KB 1.4.1.8 Cap:21

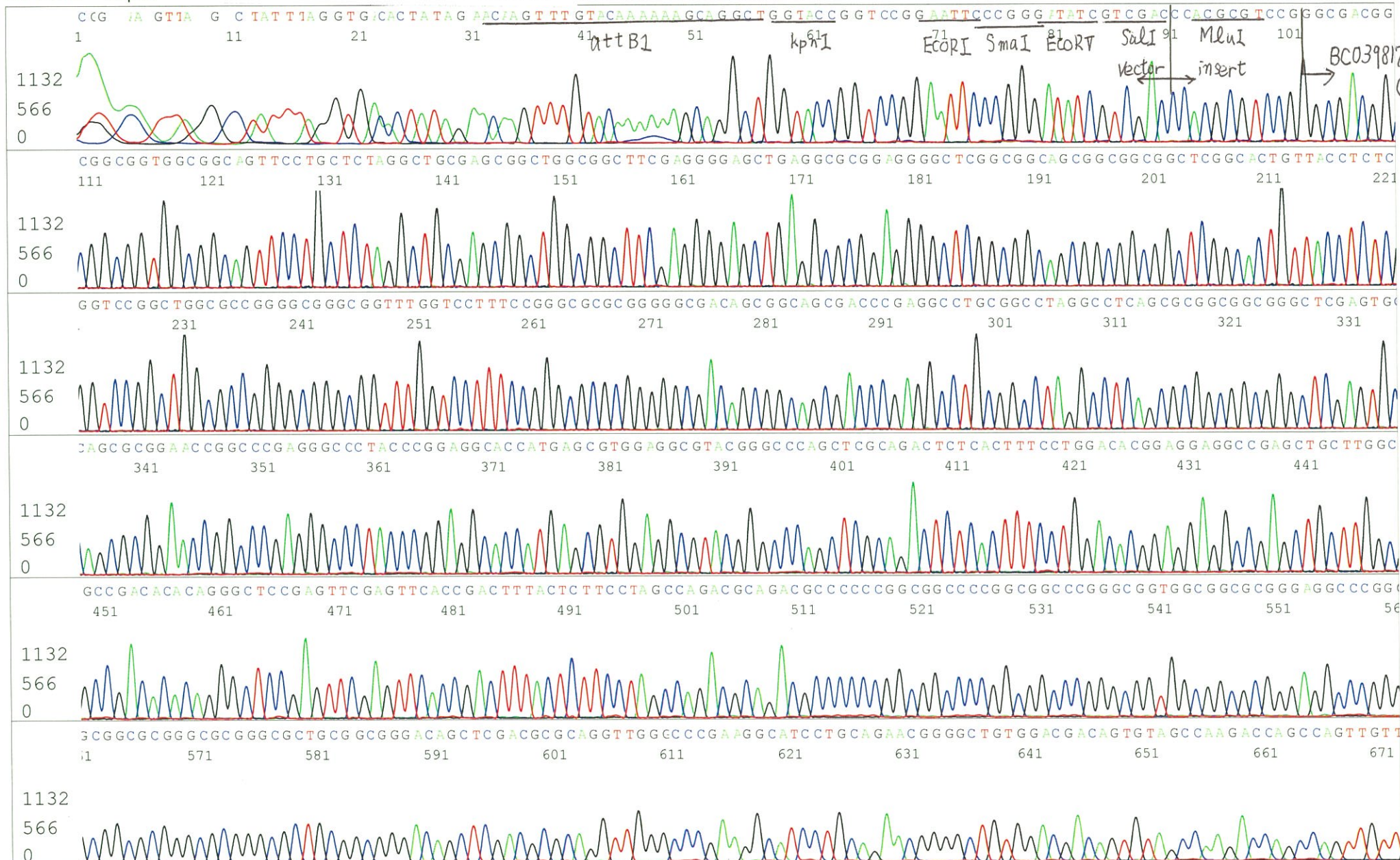
5' GCGGATAACAATTTTCACACAGG 3'

Pts 1386 to 13295 Pk1 Loc:1363

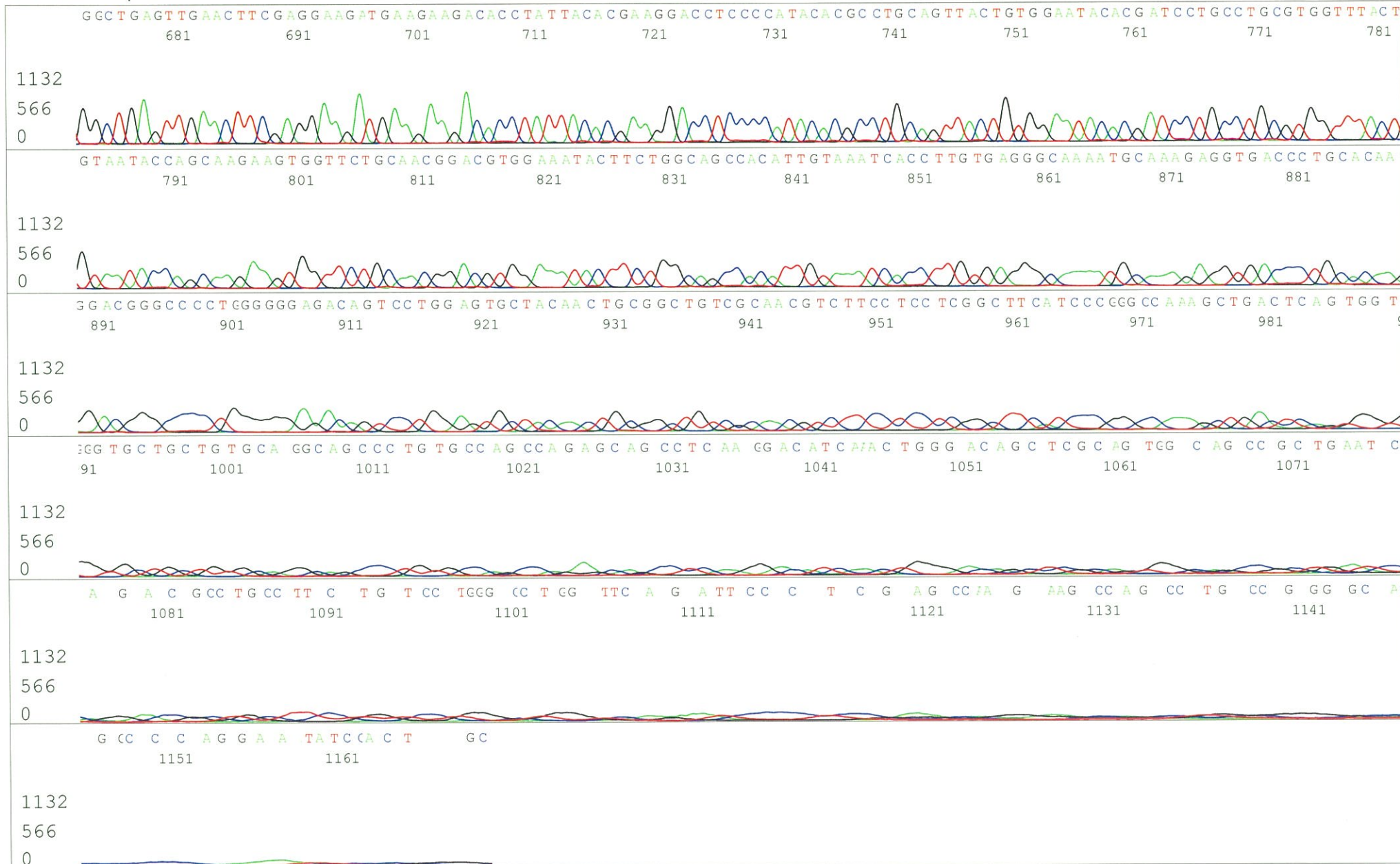
Spacing:11.77 Pts/Panel1350

Version 5.4 HiSQV Bases: 1003

Plate Name: 20150210\_GNP



S/N G:861 A:515 T:330 C:557  
KB.bcp  
KB 1.4.1.8 Cap:21



S/N G:198 A:162 T:106 C:169

Primer B : M13

KB.bcp

KB 1.4.1.8 Cap:7

5' GTTTTCCCAGTCACGACGTTGTA 3'

IRAK084G21\_A5B5\_M13(-40)

KB\_3500\_POP7\_BDTv3.mob

ts 1376 to 12806 Pk1 Loc:1353

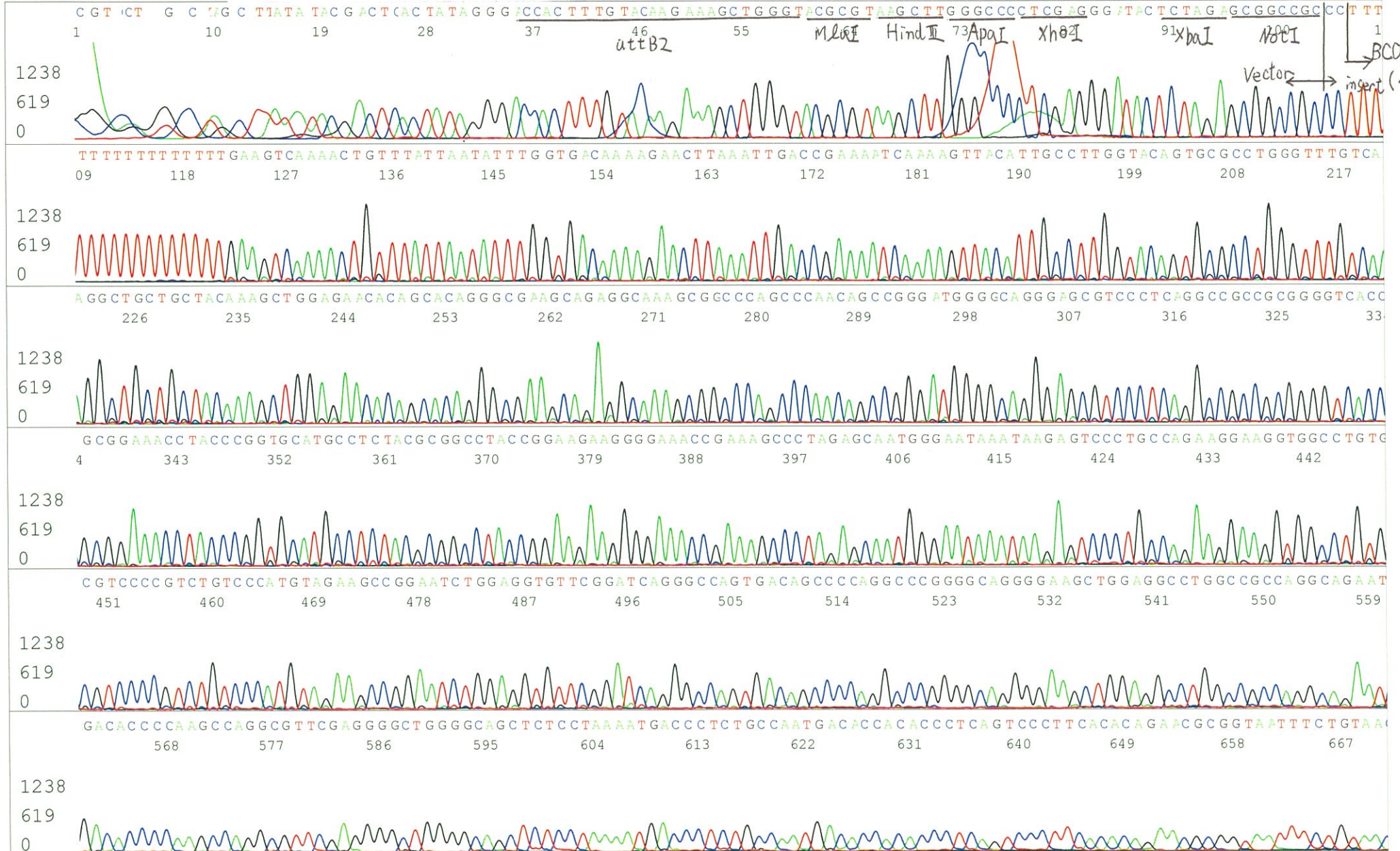
ersion 5.4 HiSQV Bases: 940

Feb 12,2015 02:40PM, JST

Feb 12,2015 03:07PM, JST

Spacing:11.24 Pts/Panel1350

Plate Name: 20150212\_GNP



S/N G:198 A:162 T:106 C:169  
KB.bcp  
KB 1.4.1.8 Cap:7

