

RIKEN Clone ID : IRAK091N03

Lot#: 7566_A5Gd

Vector : pBluescript

| | | |
|---------------|------------|--------|
| Gene | NGFRAP1L1 | |
| Accession No. | BC042818.1 | 777 bp |
| | CDS | 336 bp |

● Plasmid DNA purification

Date : 150713

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

Date : 150714

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 150714

DNA concentration (O.D.): 149 ng/ul

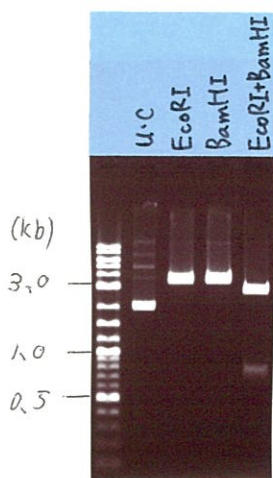
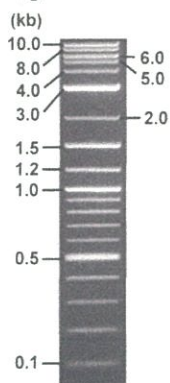
< Size of fragment expected from this clone >

| | |
|------------------------|--------------|
| DNA | 0.3 ul |
| Enzyme (EcoRI + BamHI) | 0.5 + 0.5 ul |
| Buffer H | 1 ul |
| dH ₂ O | 7.7 ul |
| Total | 10 ul |

| | |
|---------------|----------------------------|
| EcoRI | 3.6 kb |
| BamHI | 3.6 kb |
| EcoRI + BamHI | 2.8kb (Vector) 0.81kb |

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 150721

| | |
|-------------------------|-----------------|
| DNA (<u>149</u> ng/ul) | <u>82.0</u> ul |
| 10x TE | <u>48.9</u> ul |
| dH ₂ O | <u>357.8</u> ul |
| Total | <u>488.7</u> ul |

● Confirmation of the insertion sequence

Date : 150717

| | |
|----------------------------|---|
| Primer A | T7 |
| Primer B | Reverse2 |
| 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~~

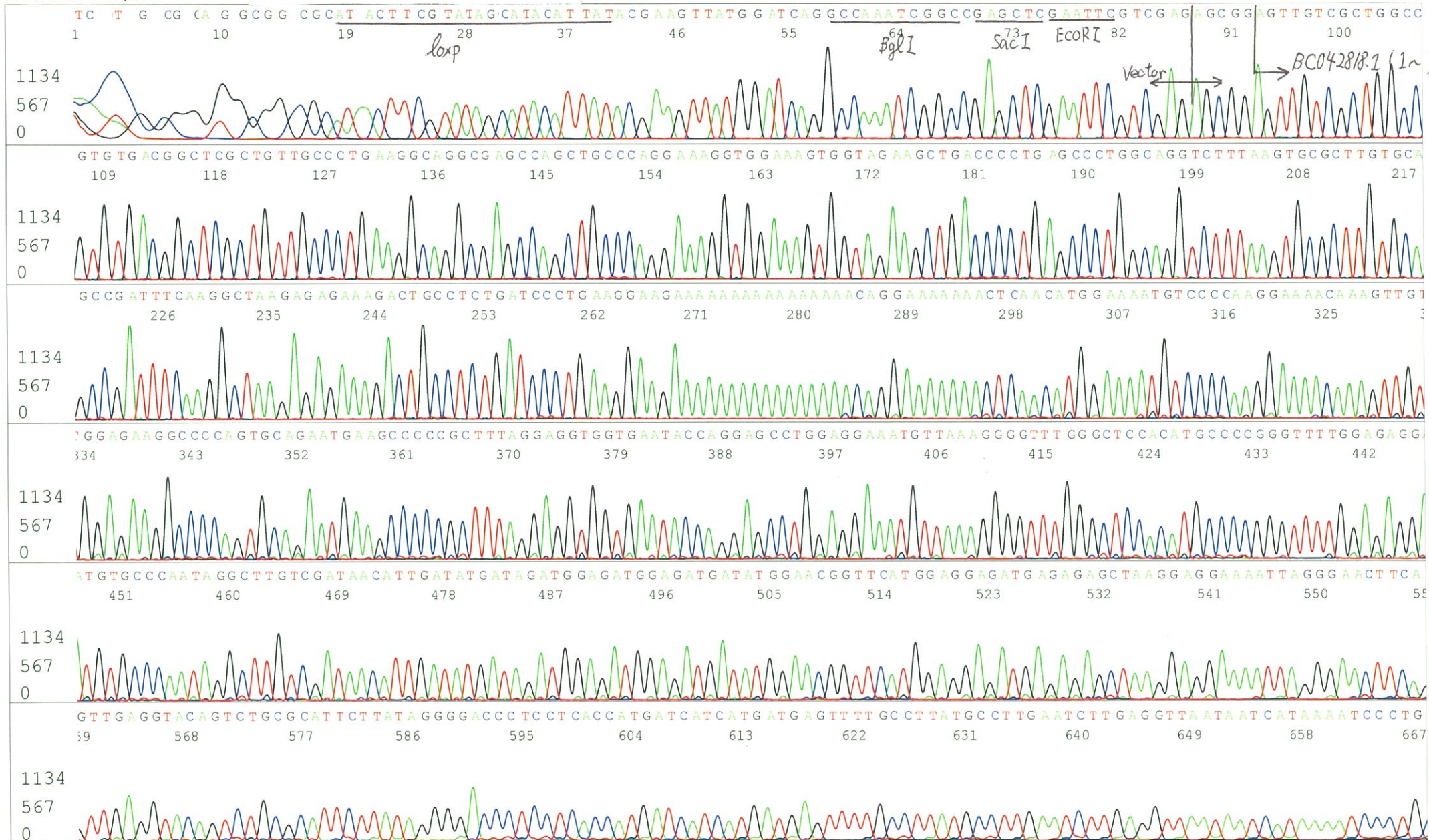
APPROVED BY :

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

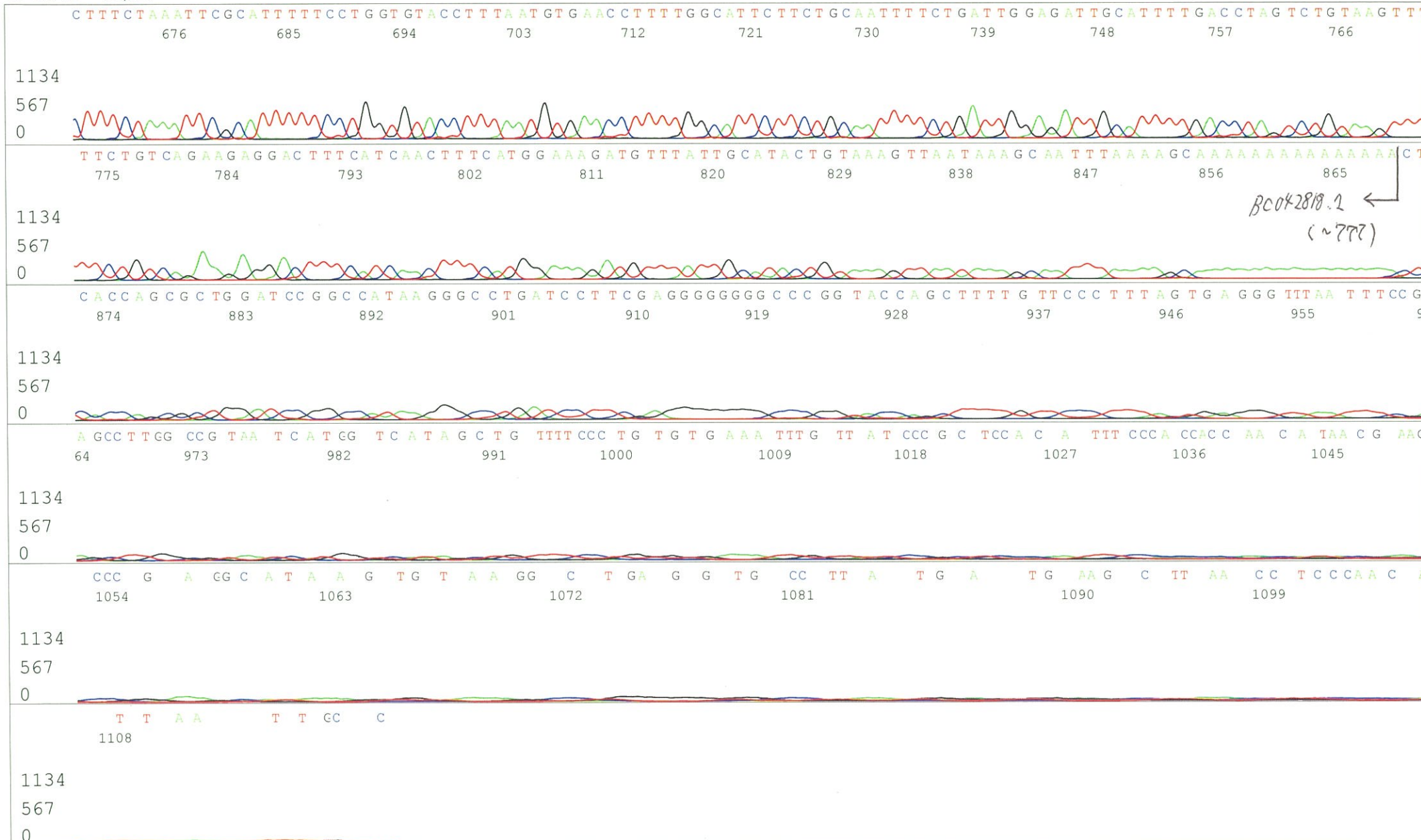


S/N G:546 A:382 T:283 C:262
KB.bcp
KB 1.4.1.8 Cap:20

Primer A : T7
5' TAATACGACTCACTATAGGG 3'

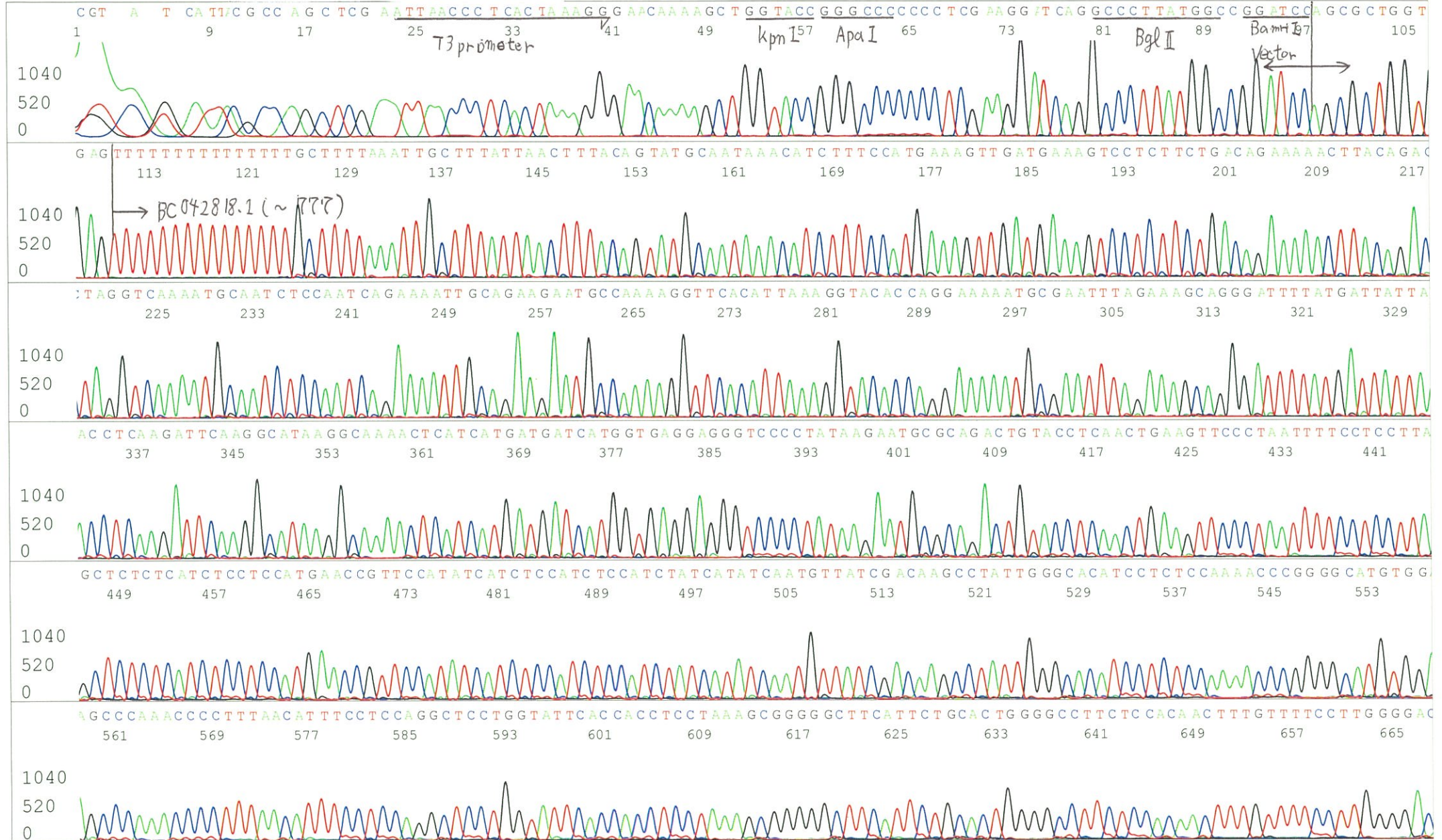


S/N G:546 A:382 T:283 C:262
KB.bcp
KB 1.4.1.8 Cap:20



S/N G:975 A:960 T:826 C:777 Primer B : Reverse2
KB.bcp
KB 1.4.1.8 Cap:16

5' GCGGATAACAATTTTCACACAGG 3'



S/N G:975 A:960 T:826 C:777
KB.bcp
KB 1.4.1.8 Cap:16

