

RIKEN Clone ID : IRAL040P24

Lot#: 7566_A8Aa

Vector : pOTB7

| | | |
|---------------|------------|--------|
| Gene | PPP1R14A | |
| Accession No. | BC021089.1 | 571 bp |
| | CDS | 444 bp |

● Plasmid DNA purification

Date : 180111

Culture : LB (25 ug/ml Chloramphenicol) 5 ml -> at 37 deg C over night

Date : 180112

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 180112

DNA concentration (O.D.): 60 ng/ul

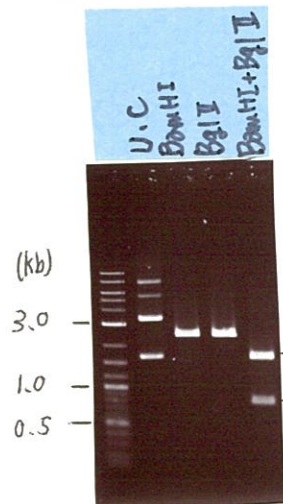
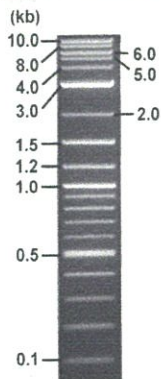
< Size of fragment expected from this clone >

| | |
|-------------------------|---------------|
| DNA | <u>1.6</u> ul |
| Enzyme (BamHI + BglII) | 0.5 + 0.5 ul |
| Buffer H | 1 ul |
| dH ₂ O | <u>6.4</u> ul |
| Total | 10 ul |

| | |
|---------------|----------------------------|
| BamHI | 2.4 kb |
| BglII | 2.4 kb |
| BamHI + BglII | 1.6kb (Vector) 0.8 kb |

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 180118

| | |
|------------------------|-----------------|
| DNA (<u>60</u> ng/ul) | <u>60.0</u> ul |
| 10x TE | <u>14.4</u> ul |
| dH ₂ O | <u>69.6</u> ul |
| Total | <u>144.0</u> ul |

● Confirmation of the insertion sequence

Date : 180117

| | |
|----------------------------|---|
| Primer A | pOTB7_F |
| Primer B | pOTB7_R |
| Primer C | poly(A) region primer #0 |
| List of Sequencing Primers | http://dna.brc.riken.jp/en/GNPclone3en.html |

● Shipping

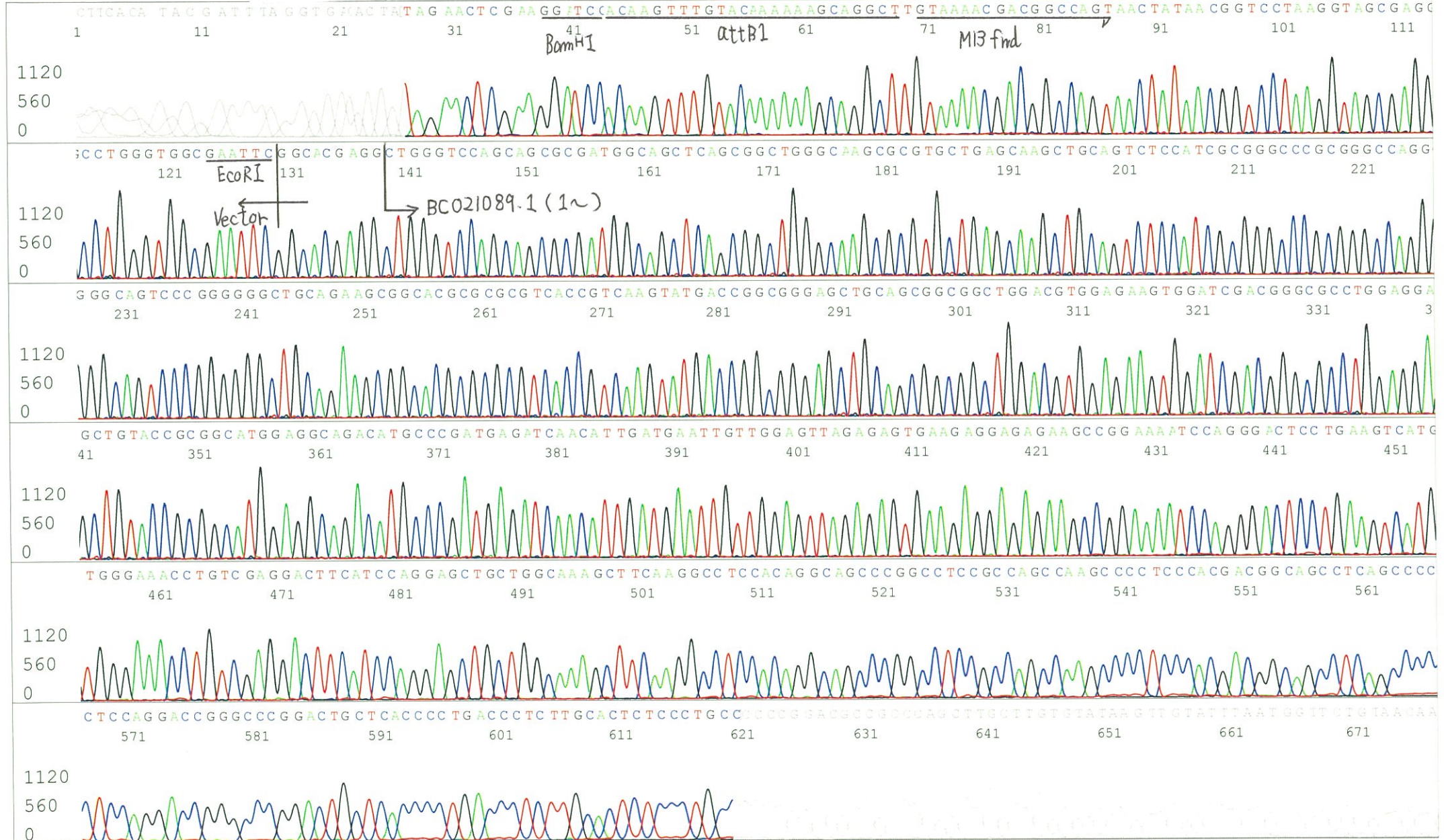
Conc. : 25 ng/ul, Volume : 40 ul
 Conc. : ng/ul, Volume : ul

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

S/N G:294 A:186 T:98 C:163
KB.bcp
KB 1.4.1.8 Cap:4

Primer A: pOTB7-F
5' AACGCGGCTACAATTAATACATAACC 3'

Gray line indicates quality value
(QV) < 40.



S/N G:112 A:75 T:59 C:84
KB.bcp
KB 1.4.1.8 Cap:5

Primer B: pOTB7-R
5' GTACTGCAGCCGATTCATTAATGC 3'

Gray line indicates quality value
(QV) < 40.

