

**RIKEN Clone ID : IRAK106P24**

Lot#: 7566\_B0J8

Vector : pBluescript

Gene	ACE2	
Accession No.	BC048094.1	3339 bp
	CDS	2418 bp

● Plasmid DNA purification

Date : 20.10.13

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

Date : 20.10.14

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

● Digestion by restriction enzyme/Concentration calibration

Date : 20.10.14

DNA concentration (O.D.): 325 ng/ul

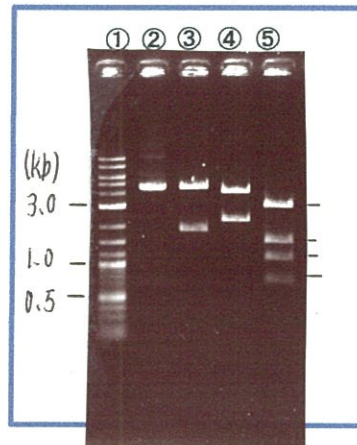
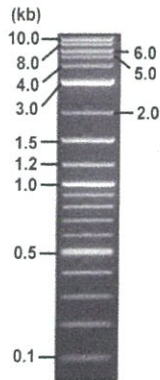
< Size of fragment expected from this clone >

DNA	<u>0.3</u> ul
Enzyme (EcoRI + BamHI)	0.5 + 0.5 ul
Buffer H	1 ul
dH <sub>2</sub> O	<u>7.7</u> ul
Total	10 ul

EcoRI	4.3 , 1.8 kb
BamHI	3.9, 2.2 kb
EcoRI + BamHI	2.8kb (Vector)      1.5, 1.1, 0.7 kb

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

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



- ①:Marker
- ②:uncut
- ③:EcoRI
- ④:BamHI
- ⑤:EcoRI + BamHI

● Adjust plasmid DNA solution to 25 ng/ul

Date : 21.06.02

DNA ( <u>325</u> ng/ul)	<u>90.0</u> ul
10x TE	<u>117.0</u> ul
dH <sub>2</sub> O	<u>963.0</u> ul
Total	<u>1170.0</u> ul

● Confirmation of the insertion sequence

Date : 20.11.9

Primer A	T7
Primer B	Reverse2
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:67 A:99 T:63 C:87  
KB.bcp  
KB 1.4.1.8 Cap:1

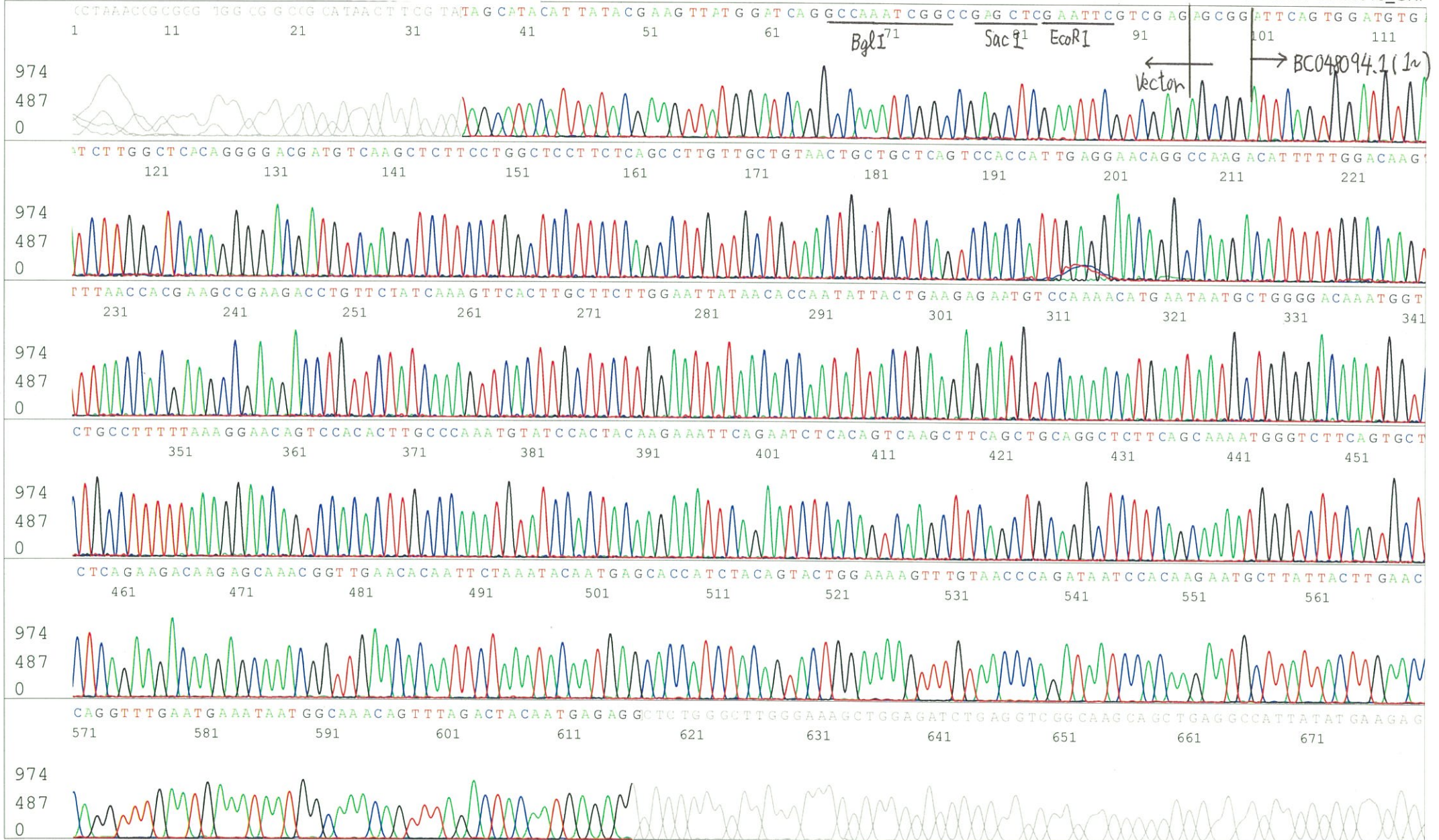
Primer A : T7

5' TAATACGACTCACTATAGGG 3'

7566\_IRAK106P24\_B0J8\_3\_T7\_A01\_01\_ABI24  
7566\_IRAK106P24\_B0J8\_3\_T7  
KB\_3500\_POP7\_BDTv3.mob  
Pts 1845 to 8707 Pk1 Loc:1813  
Version 6.0 HiSQV Bases: 698

Inst Model/Name 3500/3500 Instrument  
Oct 15,2020 09:52AM, JST  
Oct 15,2020 10:07AM, JST  
Spacing:10.78 Pts/Panel1350  
Plate Name: 20201015\_GNP

Gray line indicates quality value  
(QV) < 40.





S/N G:214 A:304 T:178 C:20 Primer B : Reverse2

7566\_IRAK106P24\_B0J8\_3\_Reverse2

Oct 15,2020 09:52AM, JST

KB.bcp

KB\_3500\_POP7\_BDTv3.mob

Gray line indicates quality value

Oct 15,2020 10:07AM, JST

KB 1.4.1.8 Cap:4

5' GCGGATAACAATTTTCACACAGG 3'

Pts 1774 to 8707 Pk1 Loc:1742

(QV) < 40.

Spacing:10.75 Pts/Panel1350

Version 6.0 HiSQV Bases: 672

Plate Name: 20201015\_GNP

