

**RIKEN Clone ID : IRAK050L02**

Lot#: 7893\_B0G2

Vector : pCMV-SPORT6

Gene	BDNF	
Accession No.	BC029795.1	1598 bp
	CDS	744 bp

● Plasmid DNA purification

Date : 20.07.07

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

Date : 20.07.08

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

● Digestion by restriction enzyme/Concentration calibration

Date : 20.07.08

DNA concentration (O.D.): 348 ng/ul

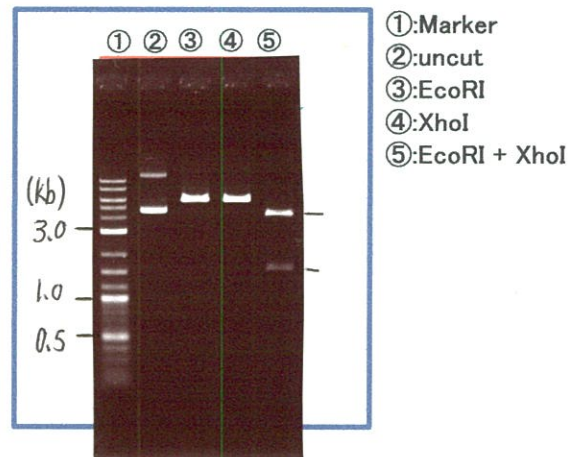
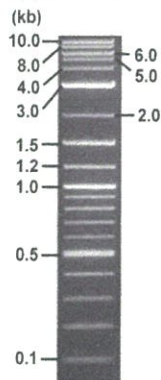
< Size of fragment expected from this clone >

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

EcoRI	5.9 kb
XhoI	5.9 kb
EcoRI + XhoI	4.3kb (Vector)      1.6 kb

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 20.08.08

DNA ( <u>348</u> ng/ul)	<u>90.0</u> ul
10x TE	<u>125.2</u> ul
dH <sub>2</sub> O	<u>1037.6</u> ul
Total	<u>1252.8</u> ul

● Confirmation of the insertion sequence

Date : 20.07.09

Primer A	Reverse2
Primer B	M13
Primer C	poly(A) region primer #0
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:137 A:166 T:129 C:195

Primer A : Reverse2

7893\_IRAK050L02\_B0G2\_Reverse2

Jul 09,2020 10:36AM, JST

KB.bcp

KB\_3500\_POP7\_BDTv3.mob

Gray line indicates quality value

Jul 09,2020 10:52AM, JST

KB 1.4.1.8 Cap:11

5' GCGGATAACAATTTTCACACAGG 3'

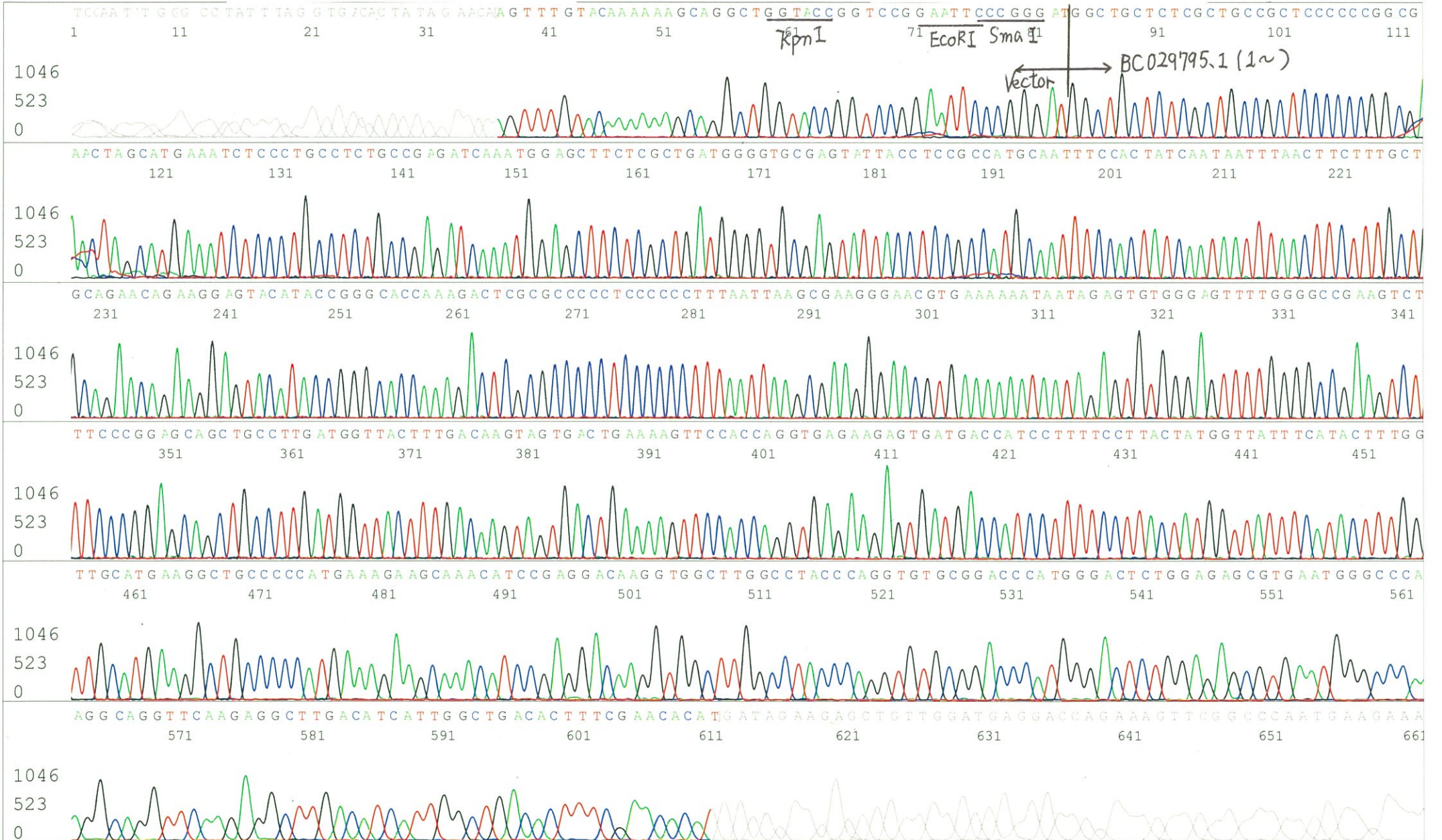
Pts 1726 to 8285 Pk1 Loc:1694

(QV) < 40.

Spacing:10.0 Pts/Panel1350

Version 6.0 HiSQV Bases: 649

Plate Name: 20200709\_GNP





S/N G:30 A:40 T:36 C:38

Primer B : M13

7893\_IRAK050L02\_B0G2\_M13(-40)

Jul 09,2020 10:36AM, JST

KB.bcp

KB\_3500\_POP7\_BDTv3.mob

Gray line indicates quality value

Jul 09,2020 10:52AM, JST

KB 1.4.1.8 Cap:14

5' GTTTTCCCAGTCACGACGTTGTA 3'

Pts 1804 to 8706 Pk1 Loc:1772

(QV) < 40.

Spacing:10.64 Pts/Panel1350

Version 6.0 HiSQV Bases: 305

Plate Name: 20200709\_GNP





