

**RIKEN Clone ID : IRAK029P10**

Vector : pCMV-SPORT6

Gene	DNAJB9	
Accession No.	BC028912.1	1918 bp
	CDS	672 bp

● Plasmid DNA purification

Date : 191121

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

Date : 191122

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

● Digestion by restriction enzyme/Concentration calibration

Date : 191122

DNA concentration (O.D.): 50 ng/ul

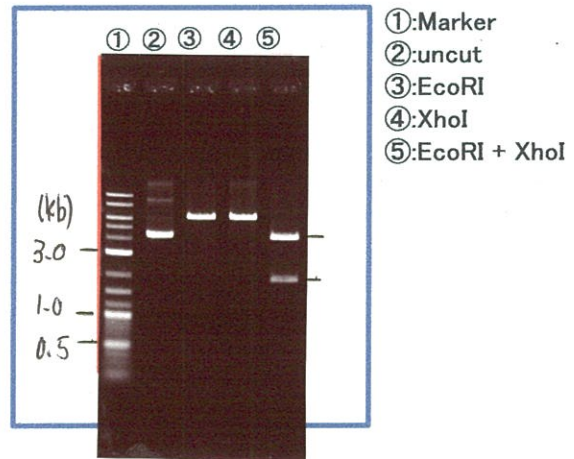
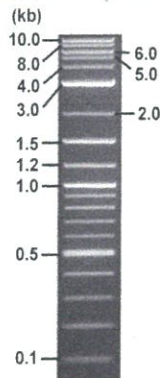
< Size of fragment expected from this clone >

DNA	<u>2</u> ul
Enzyme (EcoRI + XhoI)	0.5 + 0.5 ul
Buffer H	1 ul
dH <sub>2</sub> O	<u>6</u> ul
Total	10 ul

EcoRI	6.3 kb
XhoI	6.3 kb
EcoRI + XhoI	4.3kb (Vector)      2.0 kb

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 191129

DNA ( <u>50</u> ng/ul)	<u>78.0</u> ul
10x TE	<u>15.6</u> ul
dH <sub>2</sub> O	<u>62.4</u> ul
Total	<u>156.0</u> ul

● Confirmation of the insertion sequence

Date : 191126

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:327 A:368 T:251 C: Primer A : Reverse2

7893\_IRAK029P10\_A9KI\_Reverse2

Nov 26,2019 09:51AM, JST

KB.bcp

KB\_3500\_POP7\_BDTV3.mob

Gray line indicates quality value

Nov 26,2019 10:32AM, JST

KB 1.4.1.8 Cap:7

5' GCGGATAACAATTTTCACACAGG 3'

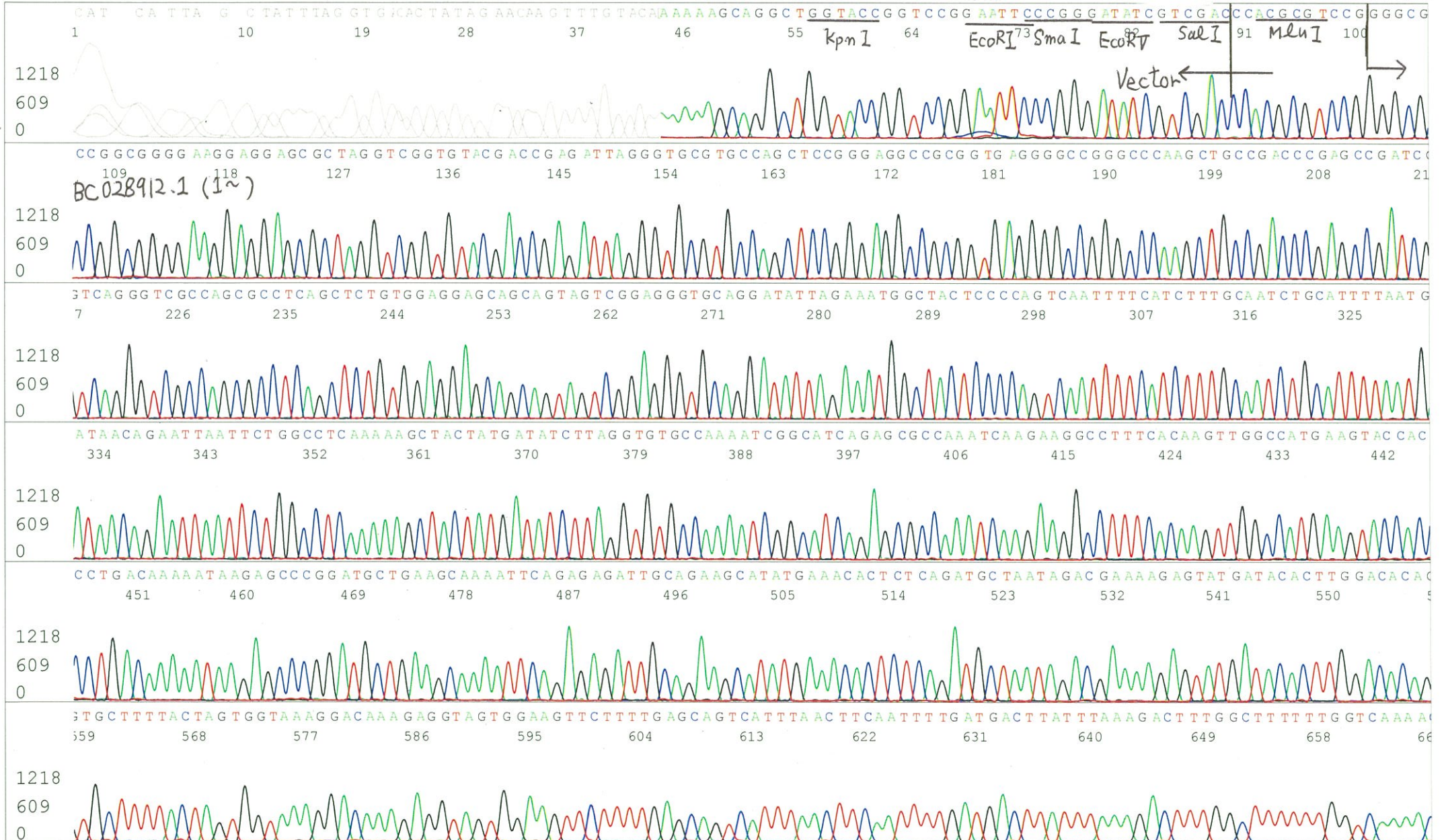
Pts 1587 to 12645 Pk1 Loc:1564

(QV) < 40.

Spacing:11.17 Pts/Panel1350

Version 6.0 HiSQV Bases: 869

Plate Name: 20191126\_mix



S/N G:254 A:421 T:300 C:3 Primer B : M13

7893\_IRAK029P10\_A9KI\_M13(-40)

Nov 26,2019 09:51AM, JST

KB.bcp

KB\_3500\_POP7\_BDTV3.mob

Gray line indicates quality value

Nov 26,2019 10:32AM, JST

KB 1.4.1.8 Cap:10

5' GTTTTCCCAGTCACGACGTTGTA 3'

Pts 1598 to 12654 Pk1 Loc:1575

(QV) < 40.

Spacing:11.28 Pts/Panel1350

Version 6.0 HiSQV Bases: 864

Plate Name: 20191126\_mix

