

**RIKEN Clone ID : IRAK003J01**

Lot#: 7893\_A9Ip

Vector : pCMV-SPORT6

Gene	HMGB1	
Accession No.	BC003378.1	1207 bp
	CDS	648 bp

● Plasmid DNA purification

Date : 190925

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

Date : 190926

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

● Digestion by restriction enzyme/Concentration calibration

Date : 190926

DNA concentration (O.D.): 323 ng/ul

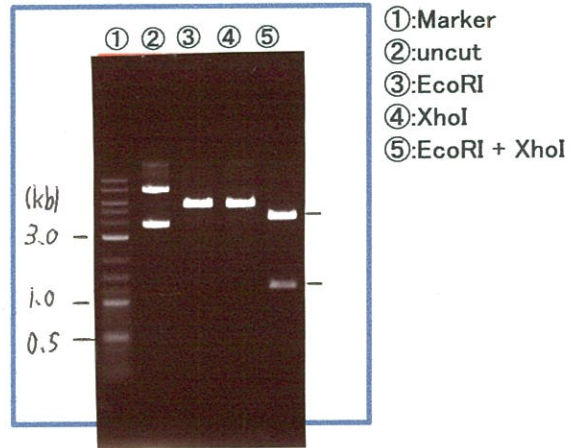
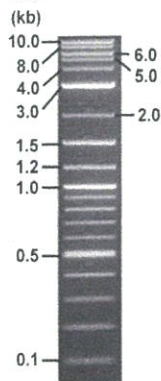
< Size of fragment expected from this clone >

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	5.6 kb
XhoI	5.6 kb
EcoRI + XhoI	4.3kb (Vector)      1.3 kb

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 191002

DNA ( <u>323</u> ng/ul)	<u>90.0</u> ul
10x TE	<u>116.2</u> ul
dH <sub>2</sub> O	<u>956.6</u> ul
Total	<u>1162.8</u> ul

● Confirmation of the insertion sequence

Date : 191001

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:191 A:206 T:122 C:193 Primer A : Reverse2

7893\_IRAK003J01\_A9lp\_Reverse2

Sep 27, 2019 01:48PM, JST

KB.bcp

KB\_3500\_POP7\_BDTv3.mob

Gray line indicates quality value

Sep 27, 2019 02:16PM, JST

KB 1.4.1.8 Cap:1

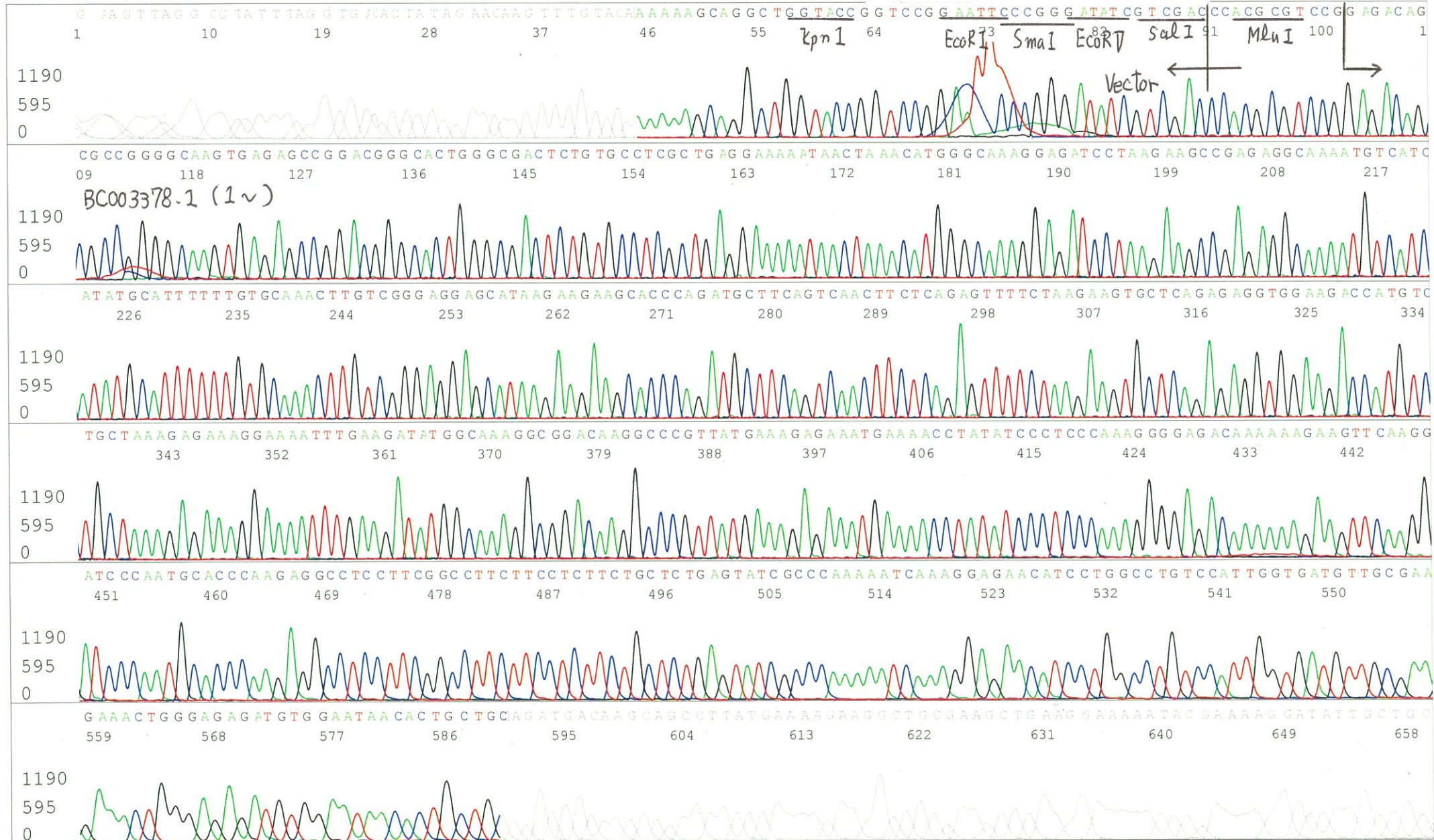
5' GCGGATAACAATTTTCACACAGG 3'

Pts 1765 to 8706 Pk1 Loc:1733

(QV) < 40.

Spacing:10.48 Pts/Panel1350

Plate Name: 20190927\_GNP





S/N G:85 A:135 T:106 C:127 Primer B : M13  
KB.bcp  
KB 1.4.1.8 Cap:1 5' GTTTCCAGTCACGACGTTGTA 3'

