

**RIKEN Clone ID : IRAK134D15**

Lot#: 7893\_A9G2

Vector : pCMV-SPORT6

Gene	H19	
Accession No.	BC063626.1	1785 bp
	CDS	- bp

● Plasmid DNA purification

Date : 190702

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

Date : 190703

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

● Digestion by restriction enzyme/Concentration calibration

Date : 190703

DNA concentration (O.D.): 140 ng/ul

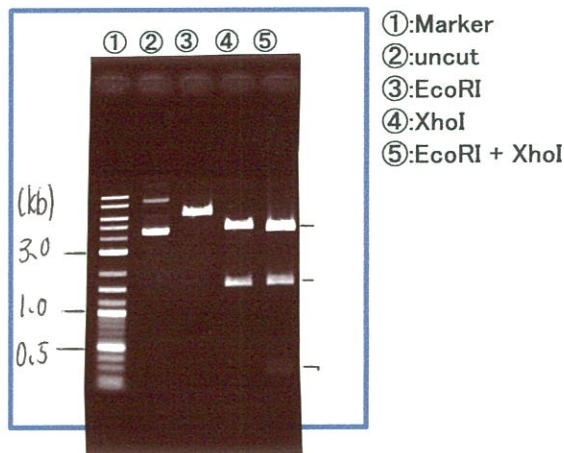
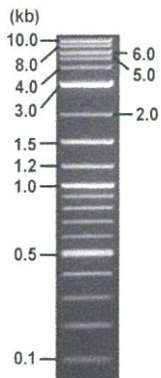
< Size of fragment expected from this clone >

DNA	<u>0.7</u> ul
Enzyme (EcoRI + XhoI )	0.5 + 0.5 ul
Buffer H	1 ul
dH <sub>2</sub> O	<u>7.3</u> ul
Total	10 ul

EcoRI	6.1 kb
XhoI	4.5, 1.6 kb
EcoRI + XhoI	4.3kb (Vector)      1.6, 0.2 kb

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 190708

DNA ( <u>140</u> ng/ul)	<u>84.0</u> ul
10x TE	<u>47.0</u> ul
dH <sub>2</sub> O	<u>339.4</u> ul
Total	<u>470.4</u> ul

● Confirmation of the insertion sequence

Date : 190704

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:136 A:117 T:57 C:150

Primer A : Reverse2

7893\_IRAK134D15\_A9G2\_Reverse2

KB\_3500\_POP7\_BDTV3.mob

Gray line indicates quality value

Jul 04,2019 09:48AM, JST

KB.bcp

Pts 1745 to 8704 Pk1 Loc:1713

Jul 04,2019 10:03AM, JST

KB 1.4.1.8 Cap:7

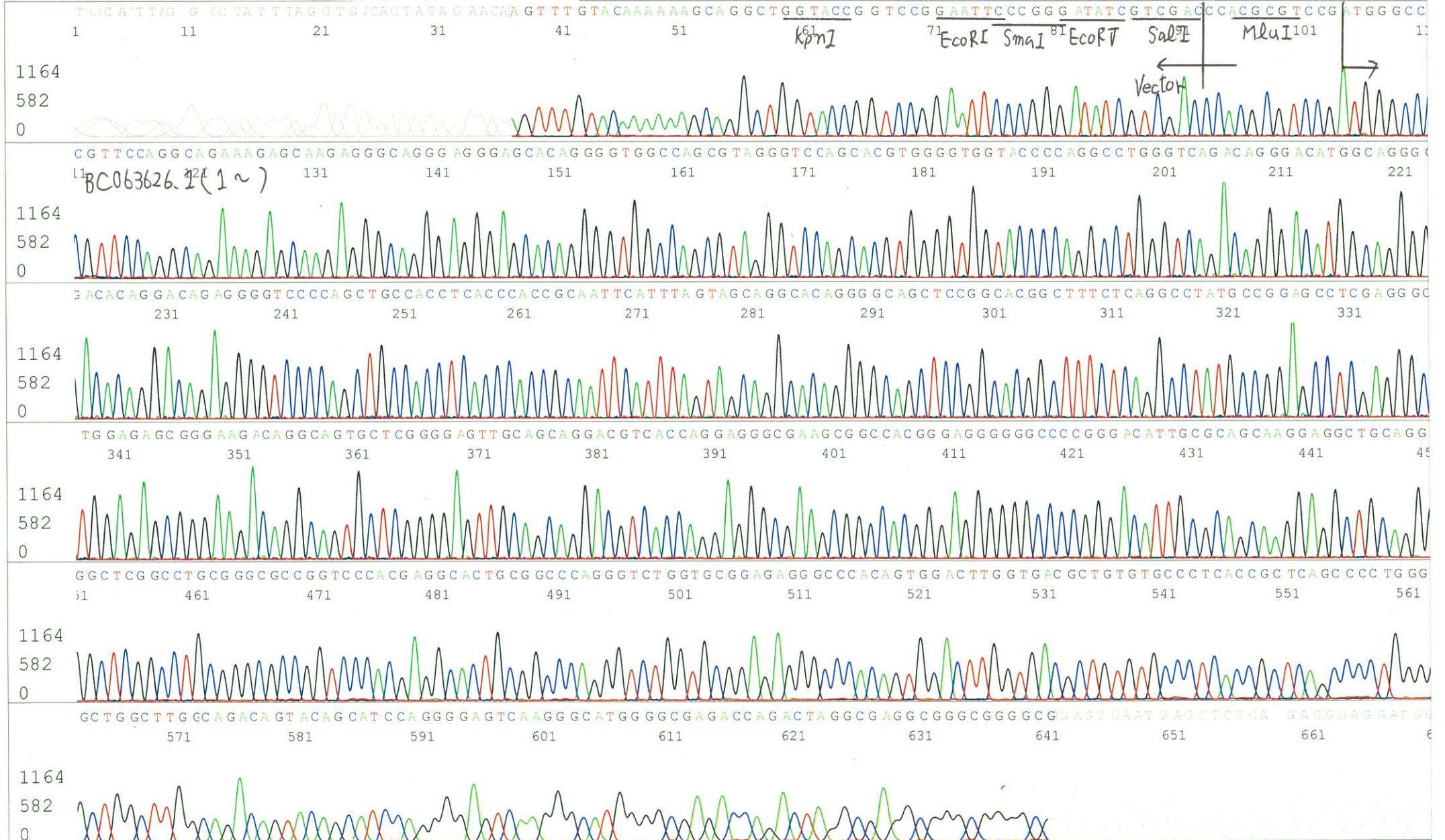
5' GCGGATAACAATTTTCACACAGG 3'

Version 6.0 HiSQV Bases: 696

(QV) < 40.

Spacing:10.91 Pts/Panel1350

Plate Name: 20190704\_GNP



S/N G:64 A:62 T:41 C:71  
KB.bcp  
KB 1.4.1.8 Cap:8

Primer B : M13

5' GTTTCCAGTCACGACGTTGTA 3'

Gray line indicates quality value  
(QV) < 40.

