

**RIKEN Clone ID : IRAK174H20**

Lot#: 7893\_A8B9

Vector : pCMV-SPORT6

Gene	C20orf7	
Accession No.	BC073158.1	1004 bp
	CDS	954 bp

● Plasmid DNA purification

Date : 180214

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

Date : 180215

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

● Digestion by restriction enzyme/Concentration calibration

Date : 180215

DNA concentration (O.D.): 46 ng/ul

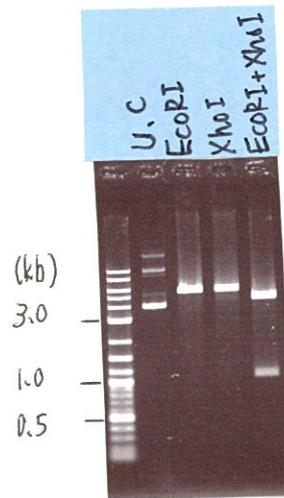
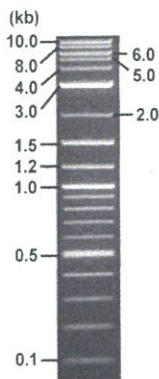
< Size of fragment expected from this clone >

DNA	<u>2.2</u>	ul
Enzyme (EcoRI + XhoI)	<u>0.5 + 0.5</u>	ul
Buffer H		<u>1</u> ul
dH <sub>2</sub> O	<u>5.8</u>	ul
<b>Total</b>		<b>10</b> ul

EcoRI	<u>5.3</u>	kb
XhoI	<u>5.3</u>	kb
EcoRI + XhoI	<u>4.3kb (Vector)</u>	<u>1.0</u> kb

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 180301

DNA ( <u>46</u> ng/ul)	<u>80.0</u>	ul
10x TE	<u>14.7</u>	ul
dH <sub>2</sub> O	<u>52.5</u>	ul
<b>Total</b>	<b><u>147.2</u></b>	<b>ul</b>

● Confirmation of the insertion sequence

Date : 180226

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>

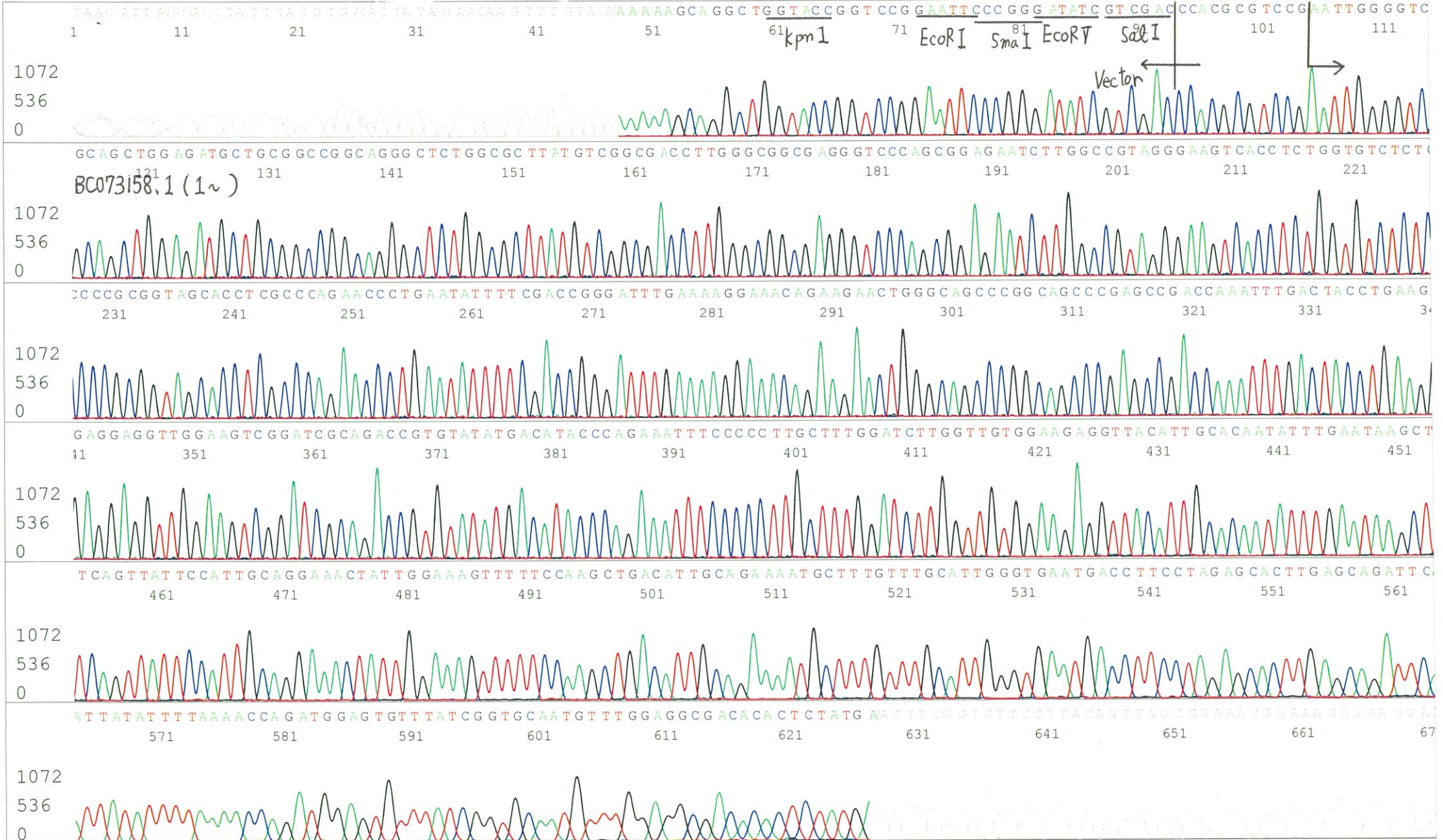
S/N G:87 A:88 T:68 C:92  
KB.bcp  
KB 1.4.1.8 Cap:20

Primer A : Reverse2  
5' GCGGATAACAATTTTCACACAGG 3'

IRAK174H20\_A8B9\_Reverse2  
KB\_3500\_POP7\_BDTv3.mob  
Pts 1709 to 8592 Pk1 Loc:1677  
Version 6.0 HiSQV Bases: 711

Gray line indicates quality value  
(QV) < 40.

Feb 26,2018 10:47AM, JST  
Feb 26,2018 11:04AM, JST  
Spacing:10.47 Pts/Panel1350  
Plate Name: 20180226\_GNP





S/N G:230 A:377 T:350 C:43'

Primer B : M13

IRAK174H20\_A8B9\_M13

Feb 26,2018 10:47AM, JST

KB.bcp

KB\_3500\_POP7\_BDTv3.mob

Feb 26,2018 11:04AM, JST

KB 1.4.1.8 Cap:23

5' GTTTTCCAGTCACGACGTTGTA 3'

Pts 1710 to 8707 Pk1 Loc:1678

Gray line indicates quality value

Spacing:10.66 Pts/Panel1350

Version 6.0 HiSQV Bases: 715

(QV) < 40.

Plate Name: 20180226\_GNP

