

**RIKEN Clone ID : IRAK012A17**

Lot#: 7893\_A8F8

Vector : pCMV-SPORT6

Gene	GRN	
Accession No.	BC010577.2	2111 bp
	CDS	1782 bp

● Plasmid DNA purification

Date : 180612

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

Date : 180613

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

● Digestion by restriction enzyme/Concentration calibration

Date : 180613

DNA concentration (O.D.): 109 ng/ul

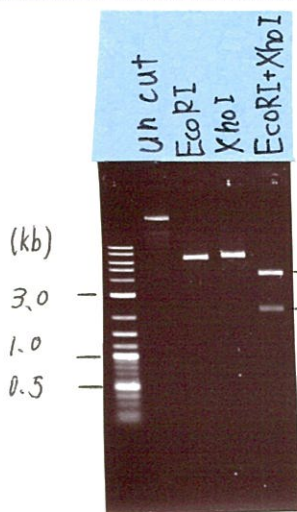
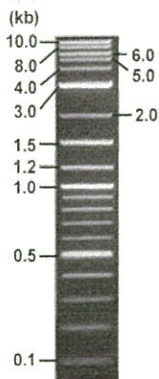
< Size of fragment expected from this clone >

DNA	<u>0.9</u> ul
Enzyme (EcoRI + XhoI )	0.5 + 0.5 ul
Buffer H	1 ul
dH <sub>2</sub> O	<u>7.1</u> ul
Total	10 ul

EcoRI	6.5 kb
XhoI	6.5 kb
EcoRI + XhoI	4.3kb (Vector)      2.2 kb

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 180615

● Confirmation of the insertion sequence

Date : 180614

DNA ( <u>109</u> ng/ul)	<u>87.0</u> ul
10x TE	<u>37.9</u> ul
dH <sub>2</sub> O	<u>254.4</u> ul
Total	<u>379.3</u> ul

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:61 A:49 T:50 C:97

Primer A : Reverse2

IRAK012A17\_III\_1\_A8F8\_Reverse2

Jun 14,2018 10:54AM, JST

KB.bcp

KB\_3500\_POP7\_BDTv3.mob

Gray line indicates quality value

Jun 14,2018 11:08AM, JST

KB 1.4.1.8 Cap:1

5' GCGGATAACAATTTTCACACAGG 3'

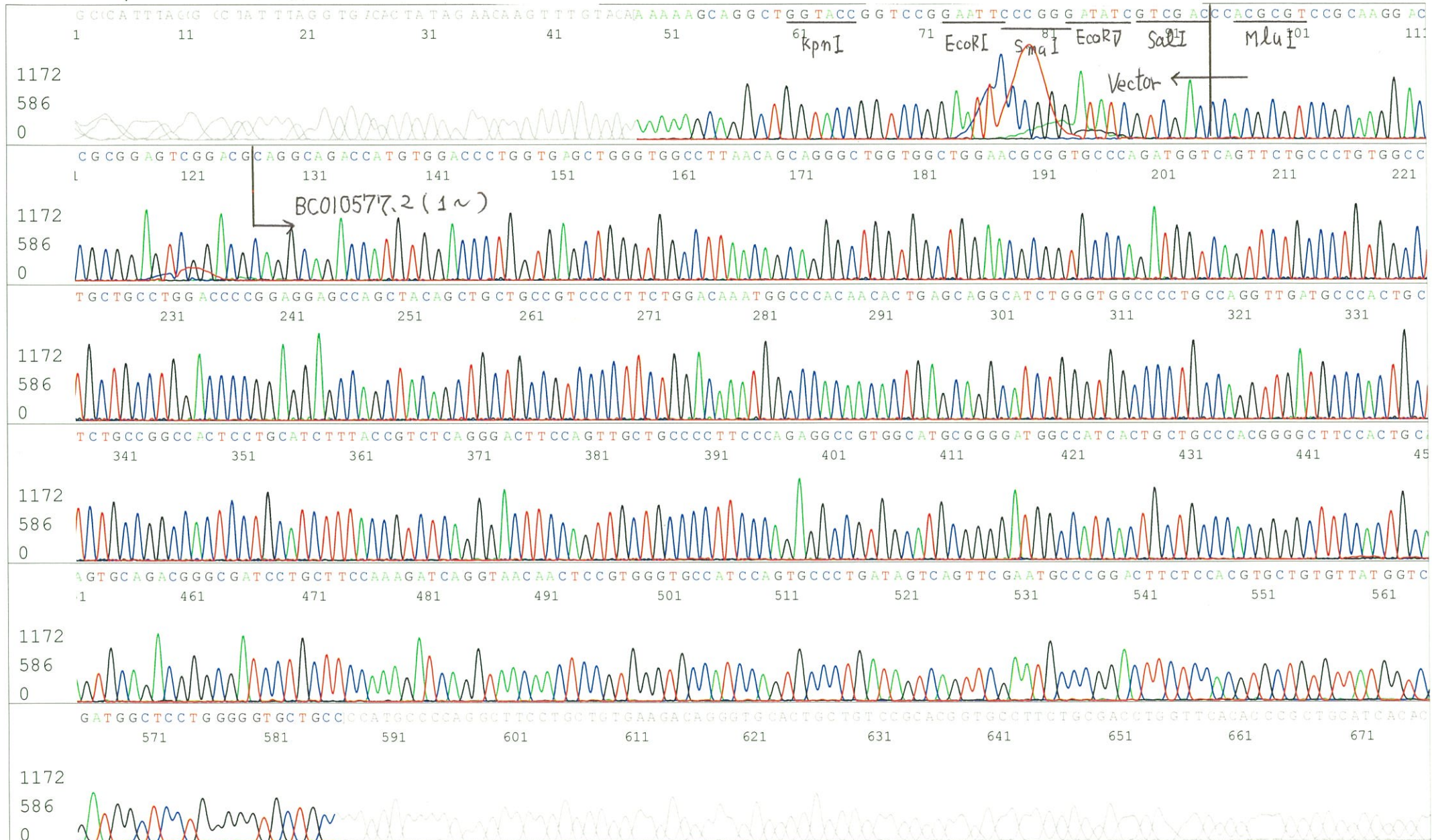
Pts 1714 to 8702 Pk1 Loc:1682

(QV) < 40.

Spacing:10.7 Pts/Panel1350

Version 6.0 HiSQV Bases: 705

Plate Name: 20180614\_GNP



S/N G:24 A:28 T:25 C:45  
 KB.bcp  
 KB 1.4.1.8 Cap:2

Primer B : M13  
 5' GTTTCCCAGTCACGACGTTGTA 3'

Gray line indicates quality value  
 (QV) < 40.

