

RIKEN Clone ID : IRAK028P11

Lot#: 7893_A8Cd

Vector : pCMV-SPORT6

Gene	EDG8	
Accession No.	BC034703.1	2191 bp
	CDS	1197 bp

● Plasmid DNA purification

Date : 180313

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

Date : 180314

Purification : QIAGEN Miniprep kit → dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 180314

DNA concentration (O.D.): 110 ng/ul

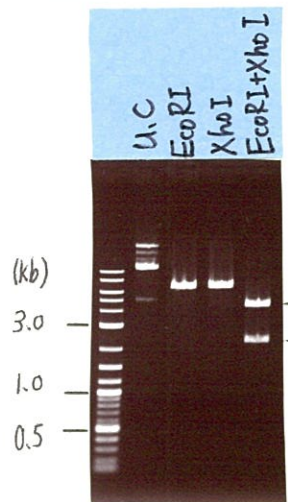
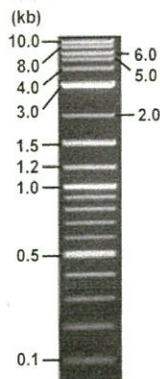
< Size of fragment expected from this clone >

DNA	<u>0.9</u> ul
Enzyme (EcoRI + XhoI)	0.5 + 0.5 ul
Buffer H	1 ul
dH ₂ 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 : 180322

DNA (<u>110</u> ng/ul)	<u>90.0</u> ul
10x TE	<u>39.6</u> ul
dH ₂ O	<u>266.4</u> ul
Total	<u>396.0</u> ul

● Confirmation of the insertion sequence

Date : 180316

Primer A	Reverse2
Primer B	M13
Primer C : Poly(A) region primer # <u>33</u>	
List of Sequencing Primers	http://dna.brc.riken.jp/en/GNPclone3en.html

● Shipping

Conc. : 25 ng/μl, Volume : 40 μl
 Conc. : ng/μl, Volume : μl



APPROVED BY :

<http://dna.brc.riken.jp/index.html>

S/N G:125 A:83 T:105 C:256

Primer A : Reverse2

IRAK028P11_A8Cd_Reverse2

Mar 16,2018 02:09PM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

Gray line indicates quality value

Mar 16,2018 02:34PM, JST

KB 1.4.1.8 Cap:19

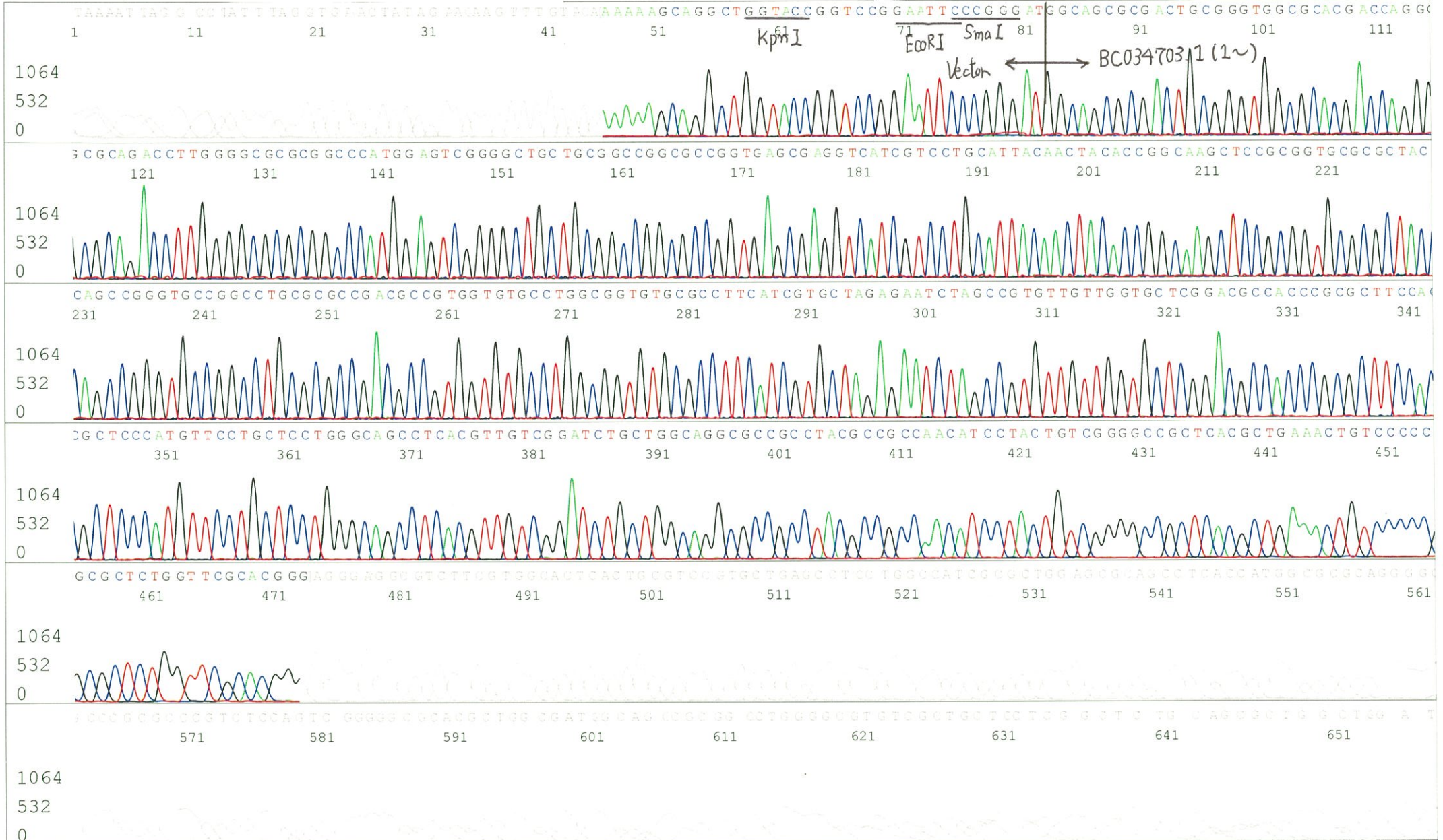
5' GCGGATAACAATTTTCACACAGG 3'

Pts 1744 to 8707 Pk1 Loc:1712

(QV) < 40.

Spacing:11.0 Pts/Panel1350

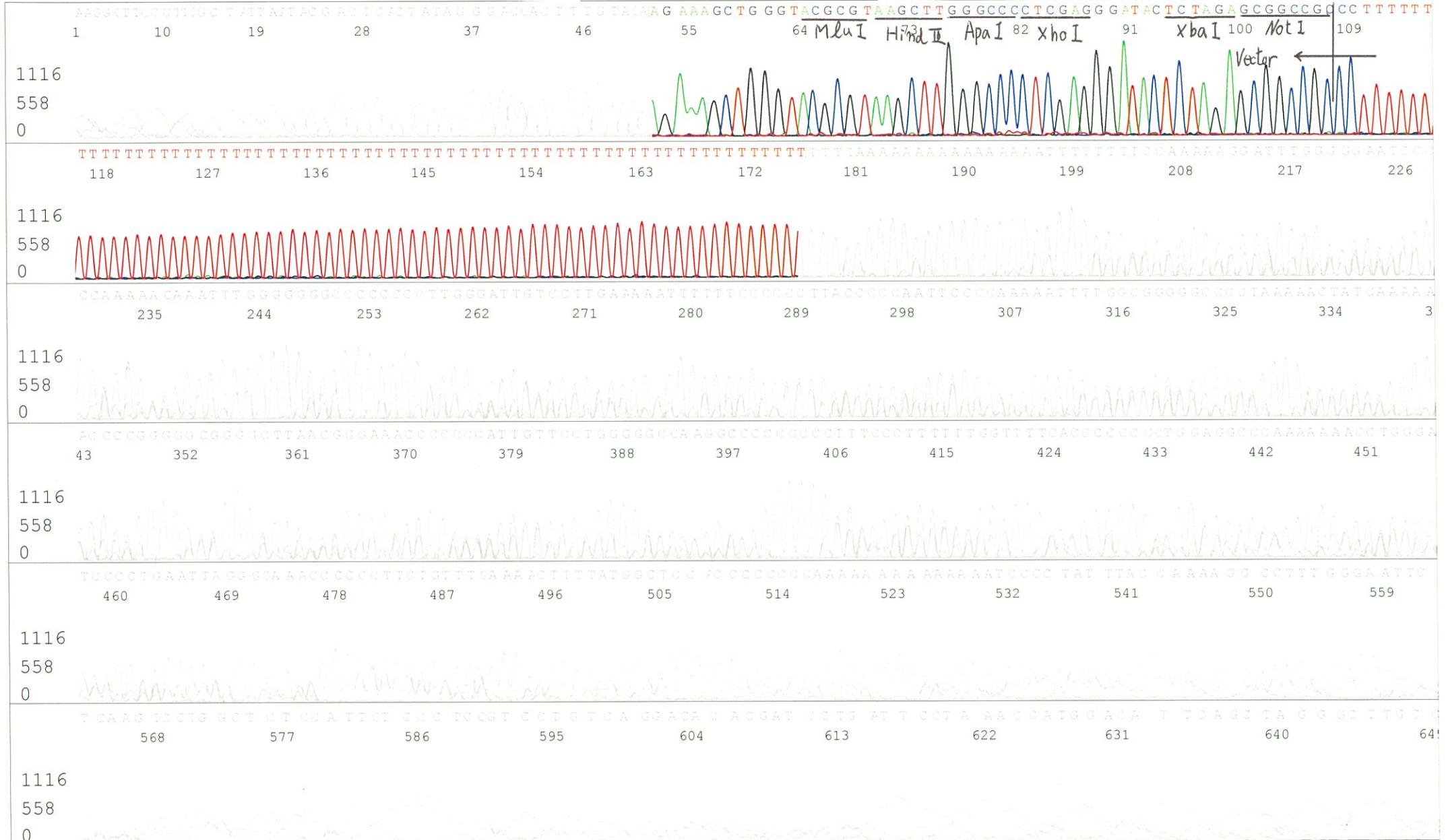
Plate Name: 20180316_GNP



S/N G:16 A:21 T:33 C:32
KB.bcp
KB 1.4.1.8 Cap:22

Primer B : M13
5' GTTTTCCAGTCACGACGTTGTA 3'

Gray line indicates quality value
(QV) < 40.



S/N G:20 A:29 T:36 C:51
KB.bcp
KB 1.4.1.8 Cap:3

Primer C : Poly(A) region primer #33
5' TTTTTTTTTTTTTTTTTTTTTT AAA 3'

Gray line indicates quality value
(QV) < 40.

