

RIKEN Clone ID : IRAK064L16

Lot#: 7893_B1B9

Vector : pCMV-SPORT6

Gene	OKL38	
Accession No.	BC032476.1	1766 bp
	CDS	1434 bp

● Plasmid DNA purification

Date : 21.02.09

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

Date : 21.02.10

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 21.02.10

DNA concentration (O.D.): 339 ng/ul

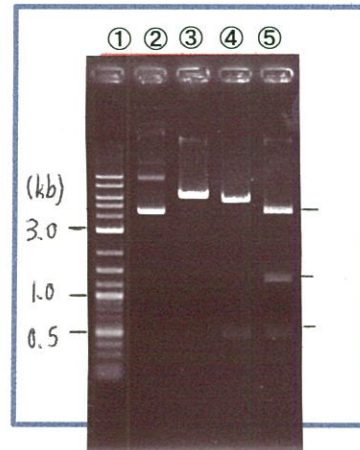
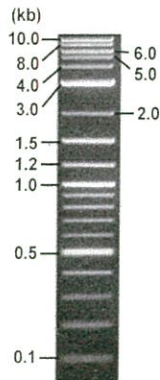
< Size of fragment expected from this clone >

DNA	<u>0.3</u> ul
Enzyme (EcoRI + XhoI)	0.5 + 0.5 ul
Buffer H	1 ul
dH ₂ O	<u>7.7</u> ul
Total	10 ul

EcoRI	6.1 kb
XhoI	5.6, 0.5 kb
EcoRI + XhoI	4.3kb (Vector) 1.3, 0.5 kb

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



- ①:Marker
- ②:uncut
- ③:EcoRI
- ④:XhoI
- ⑤:EcoRI + XhoI

● Adjust plasmid DNA solution to 25 ng/ul

Date : 21.02.19

DNA (<u>339</u> ng/ul)	<u>90.0</u> ul
10x TE	<u>122.0</u> ul
dH ₂ O	<u>1008.4</u> ul
Total	<u>1220.4</u> ul

● Confirmation of the insertion sequence

Date : 21.02.18

Primer A	Reverse2
Primer B	M13
Primer C	-
List of Sequencing Primers	http://dna.brc.riken.jp/en/GNPclone3en.html

● 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:94 A:105 T:70 C:131 Primer A : Reverse2

7893_IRAK064L16_B1B9_Reverse2

Feb 16,2021 09:47AM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

Gray line indicates quality value

Feb 16,2021 10:02AM, JST

KB 1.4.1.8 Cap:1

5' GCGGATAACAATTTTCACACAGG 3'

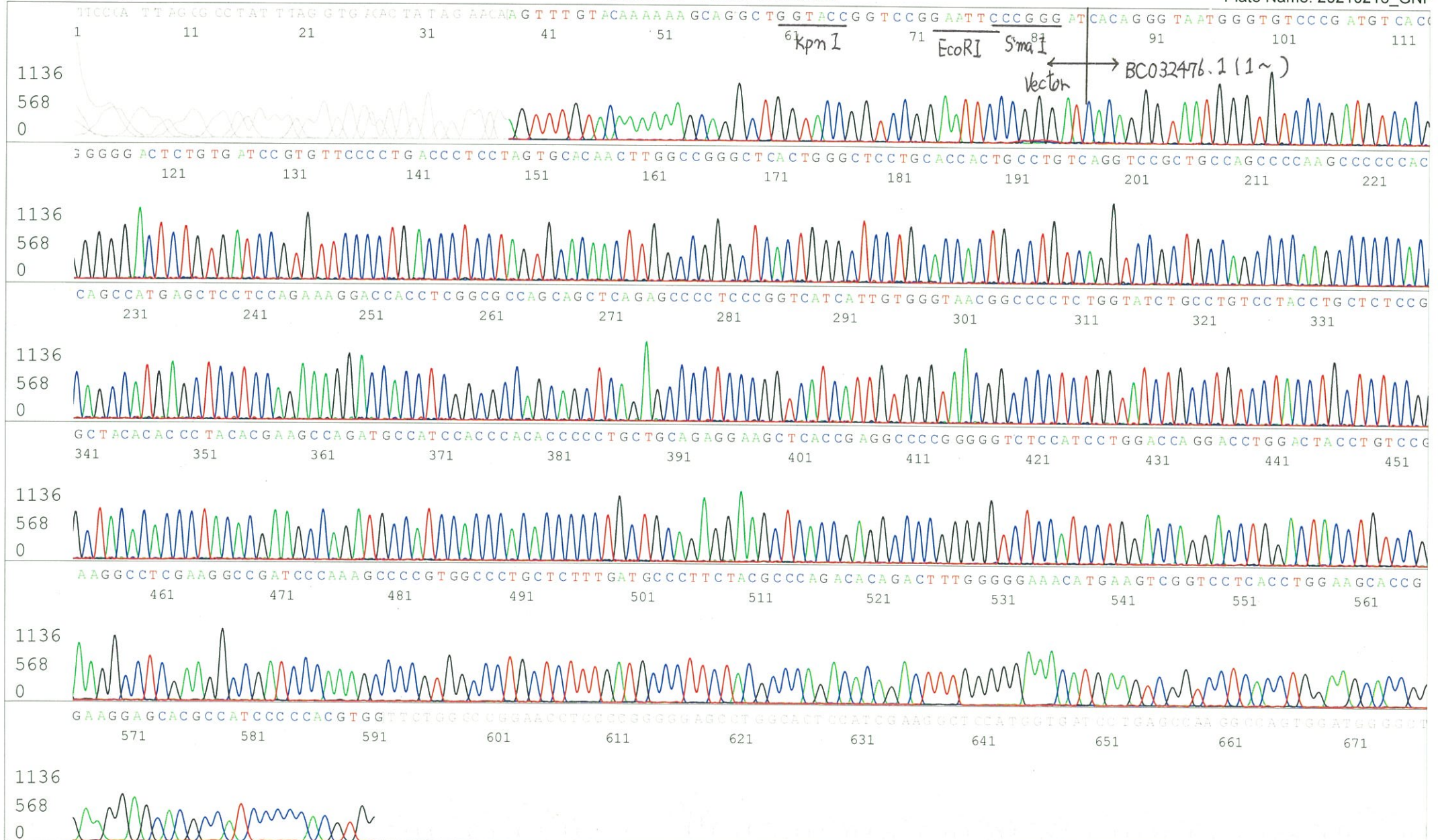
Pts 1762 to 8704 Pk1 Loc:1730

(QV) < 40.

Spacing:10.98 Pts/Panel1350

Version 6.0 HiSQV Bases: 680

Plate Name: 20210216_GNP



S/N G:69 A:68 T:50 C:85
KB.bcp
KB 1.4.1.8 Cap:2

Primer B : M13

7893_IRAK064L16_B1B9_M13(-40)

KB_3500_POP7_BDTv3.mob

Pts 1747 to 8704 Pk1 Loc:1715

Version 6.0 HiSQV Bases: 655

Gray line indicates quality value

(QV) < 40.

Feb 16,2021 09:47AM, JST

Feb 16,2021 10:02AM, JST

Spacing:10.97 Pts/Panel1350

Plate Name: 20210216_GNP

