

RIKEN Clone ID : IRAK068N20

Lot#: 7893_A9Gh

Vector : pCMV-SPORT6

Gene	SLC7A10	
Accession No.	BC035627.1	1940 bp
	CDS	1572 bp

● Plasmid DNA purification

Date : 190729

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

Date : 190730

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 190730

DNA concentration (O.D.): 324 ng/ul

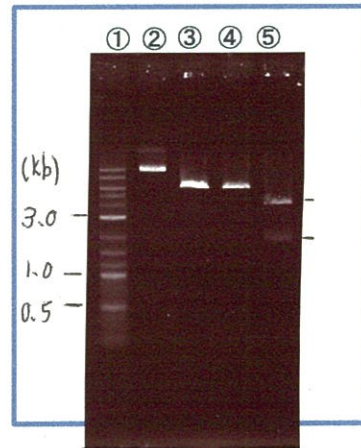
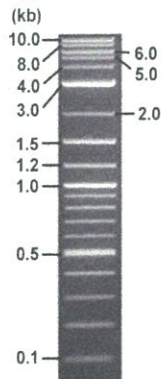
< Size of fragment expected from this clone >

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	6.3 kb
XhoI	6.3 kb
EcoRI + XhoI	4.3kb (Vector) 2.0 kb

Erectrophoresis : 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 : 190801

DNA (<u>324</u> ng/ul)	<u>76.0</u> ul
10x TE	<u>98.4</u> ul
dH ₂ O	<u>810.5</u> ul
Total	<u>984.9</u> ul

● Confirmation of the insertion sequence

Date : 190801

Primer A	Reverse2
Primer B	M13
Primer C	poly(A) region primer #0
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:120 A:88 T:76 C:206

Primer A : Reverse2

7893_IRAK068N20_A9Gh_TR2_Reverse2

KB_3500_POP7_BDTv3.mob

Gray line indicates quality value

Aug 01,2019 09:39AM, JST

KB.bcp

Pts 1685 to 8666 Pk1 Loc:1653

Aug 01,2019 09:54AM, JST

KB 1.4.1.8 Cap:1

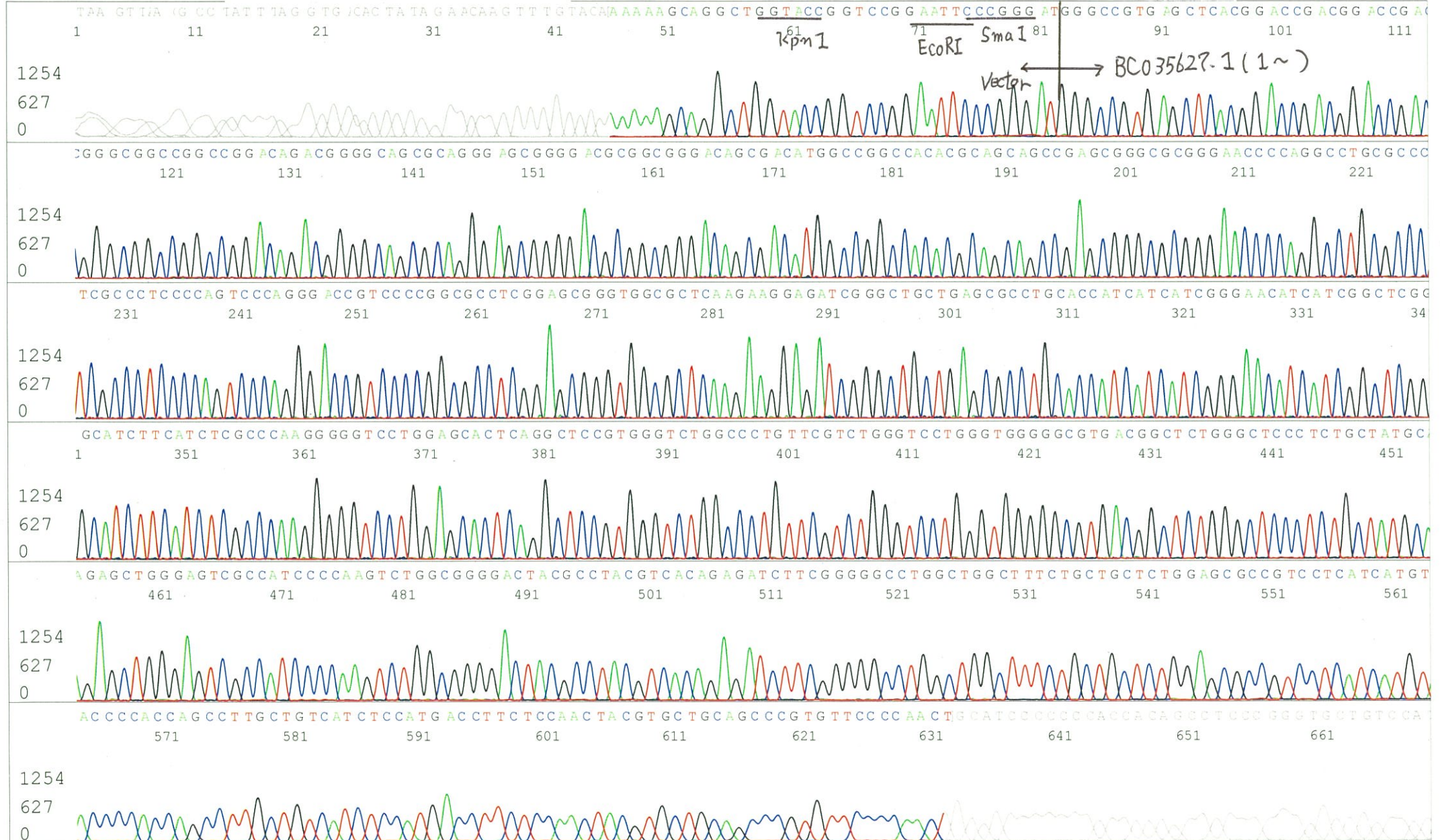
5' GCGGATAACAATTTTCACACAGG 3'

Version 6.0 HiSQV Bases: 721

(QV) < 40.

acing:10.48 Pts/Panel1350

ate Name: 20190801_GNP



S/N G:30 A:43 T:49 C:72

Primer B : M13

7893_IRAK068N20_A9Gh_TR2_M13(-40)

KB_3500_POP7_BDTv3.mob

Gray line indicates quality value

Aug 01,2019 09:39AM, JST

KB.bcp

Pts 1678 to 8704 Pk1 Loc:1646

Aug 01,2019 09:54AM, JST

KB 1.4.1.8 Cap:2

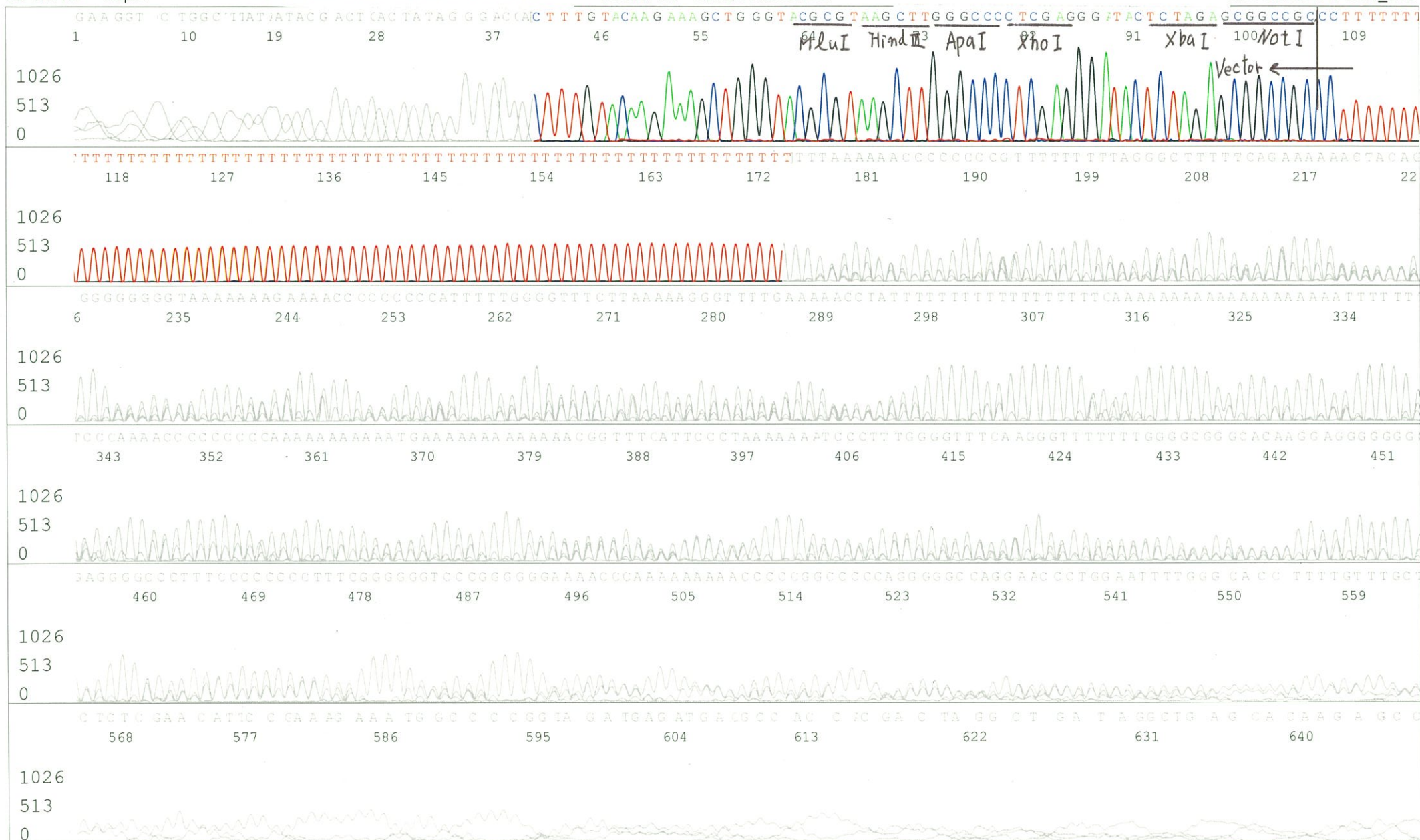
5' GTTTTCCCAGTCACGACGTTGTA 3'

Version 6.0 HiSQV Bases: 232

(QV) < 40.

acing:10.49 Pts/Panel1350

ate Name: 20190801_GNP



S/N G:53 A:57 T:45 C:85
KB.bcp
KB 1.4.1.8 Cap:3

Primer C : Poly(A) region primer #0

7893_IRAK068N20_A9Gh_TR2_GNP Mixture

KB_3500_POP7_BDTv3.mob
Pts 1701 to 8596 Pk1 Loc:1669

Gray line indicates quality value
(QV) < 40.

Aug 01,2019 09:39AM, JST
Aug 01,2019 09:54AM, JST
pacing:10.47 Pts/Panel1350
Plate Name: 20190801_GNP

5' TTTTTTTTTTTTTTTTTTTNNN 3'

Version 6.0 HiSQV Bases: 707

