

RIKEN Clone ID : IRAK047116

Lot#: 7566_B0Bd

Vector : pBluescriptR

Gene	PRKAA1	
Accession No.	BC037303.2	5083 bp
	CDS	1653 bp

● Plasmid DNA purification

Date : 20.02.13

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

Date : 20.02.14

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 20.02.14

DNA concentration (O.D.): 90 ng/ul

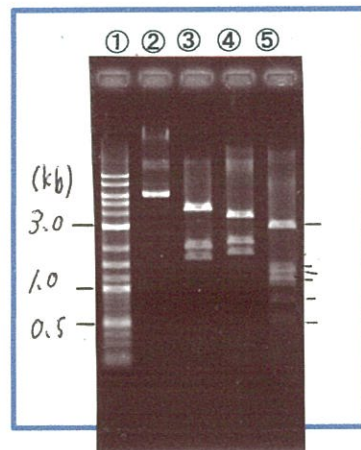
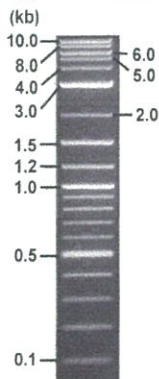
< Size of fragment expected from this clone >

DNA	<u>1.1</u> ul
Enzyme (EcoRI + BamHI)	0.5 + 0.5 ul
Buffer H	1 ul
dH ₂ O	<u>6.9</u> ul
Total	10 ul

EcoRI	4.2, 2.1, 1.7 kb
BamHI	3.6, 2.3, 2.4, 0.1, 0.1 kb
EcoRI + BamHI	2.8kb (Vector) 1.4, 1.2, 1.1, 0.8, 0.5, 0.1, 0.1 kb

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



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

● Adjust plasmid DNA solution to 25 ng/ul

Date : 20.02.18

DNA (<u>90</u> ng/ul)	<u>80.0</u> ul
10x TE	<u>28.8</u> ul
dH ₂ O	<u>179.2</u> ul
Total	<u>288.0</u> ul

● Confirmation of the insertion sequence

Date : 20.02.18

Primer A	T7
Primer B	Reverse2
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:39 A:51 T:28 C:37

Primer A : T7

7566_IRAK047I16_B0Bd_T7

Feb 18,2020 09:40AM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

Gray line indicates quality value

Feb 18,2020 09:56AM, JST

KB 1.4.1.8 Cap:16

5' TAATACGACTCACTATAGGG 3'

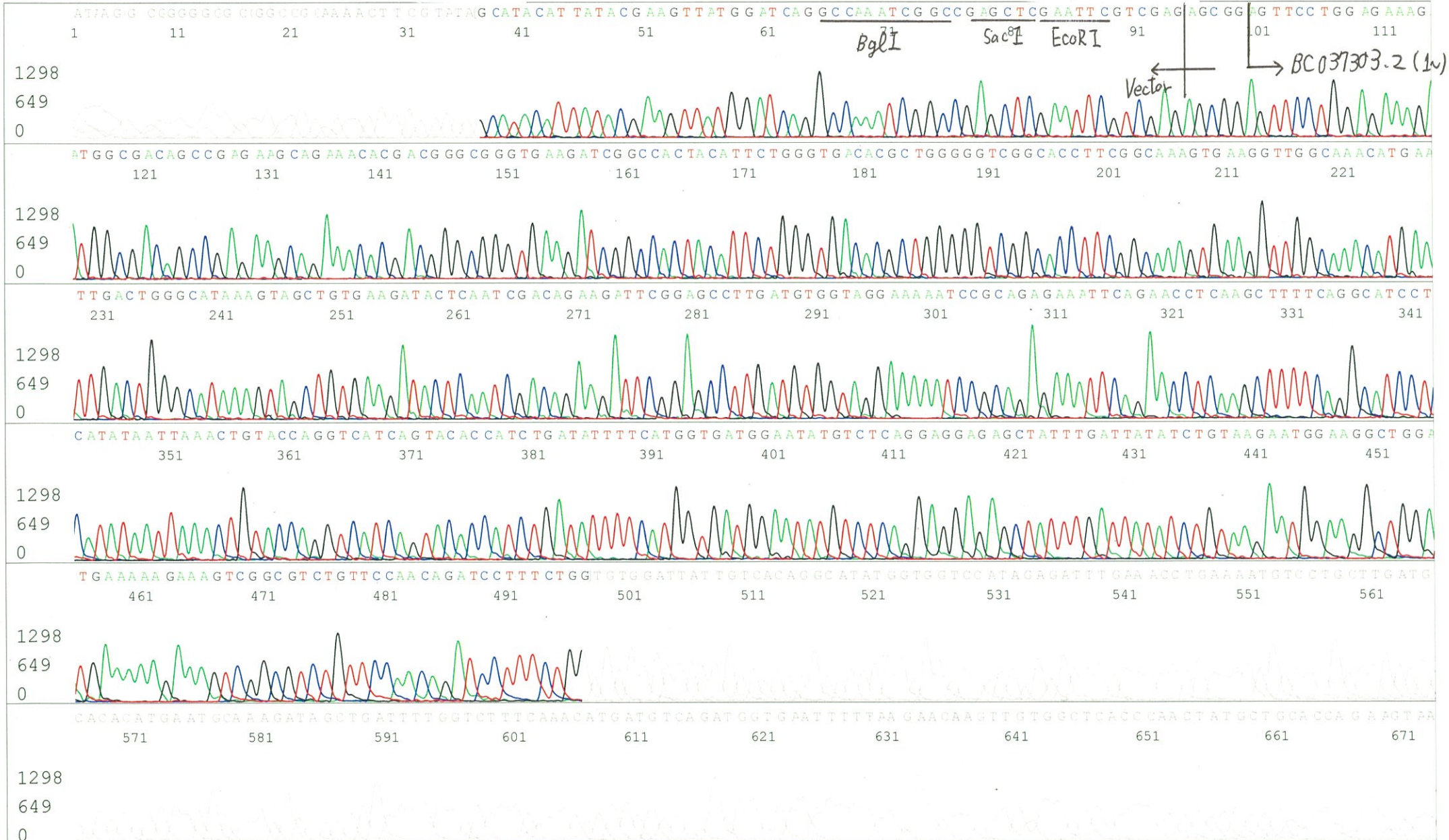
Pts 1760 to 8706 Pk1 Loc:1728

(QV) < 40.

Spacing:10.76 Pts/Panel1350

Version 6.0 HiSQV Bases: 623

Plate Name: 20200218_GNP



S/N G:22 A:34 T:23 C:25
KB.bcp
KB 1.4.1.8 Cap:19

Primer B : Reverse2
5' GCGGATAACAATTTTCACACAGG 3'

7566_IRAK047116_B0Bd_Reverse2
KB_3500_POP7_BDTv3.mob
Pts 1731 to 8706 Pk1 Loc:1699
Version 6.0 HiSQV Bases: 666

Gray line indicates quality value
(QV) < 40.

Feb 18,2020 09:40AM, JST
Feb 18,2020 09:56AM, JST
Spacing:10.94 Pts/Panel1350
Plate Name: 20200218_GNP

