

RIKEN Clone ID : IRAK032I21

Lot#: 7566_B2As

Vector : pBluescriptR

Gene	SLC16A1	
Accession No.	BC026317.1	3261 bp
	CDS	1503 bp

● Plasmid DNA purification

Date : 22.02.01

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

Date : 22.02.02

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 22.02.02

DNA concentration (O.D.): 317 ng/ul

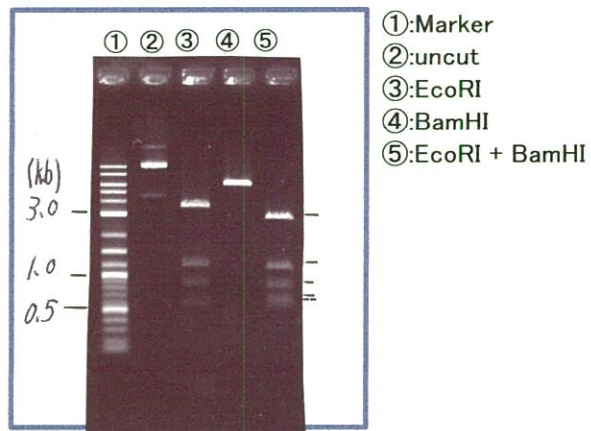
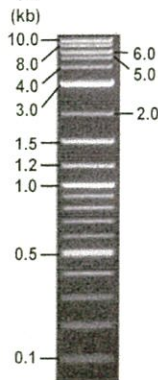
< Size of fragment expected from this clone >

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

EcoRI	3.5, 1.2, 0.9, 0.6kb
BamHI	6.2 kb
EcoRI + BamHI	2.8kb (Vector) 1.2, 0.9, 0.7, 0.6 kb

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : _____

DNA (<u>317</u> ng/ul)	<u>90.0</u> ul
10x TE	<u>114.1</u> ul
dH ₂ O	<u>937.1</u> ul
Total	<u>1141.2</u> ul

● Confirmation of the insertion sequence

Date : 22.02.03

Primer A	T7
Primer B	Reverse2
Primer C	-
List of Sequencing Primers	http://dna.brc.riken.jp/en/GNPclone3en.html

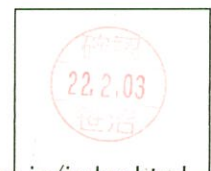
● Shipping

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

Conc. : _____ ng/ul, Volume : _____ ul

APPROVED BY :

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



S/N G:340 A:371 T:243 C:364

Primer A : T7

7566_IRAK032I21_B2As_1_T7

Feb 03,2022 09:36AM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

Feb 03,2022 09:52AM, JST

KB 1.4.1.8 Cap:7

5' TAATACGACTCACTATAGGG 3'

Pts 1718 to 8707 Pk1 Loc:1686

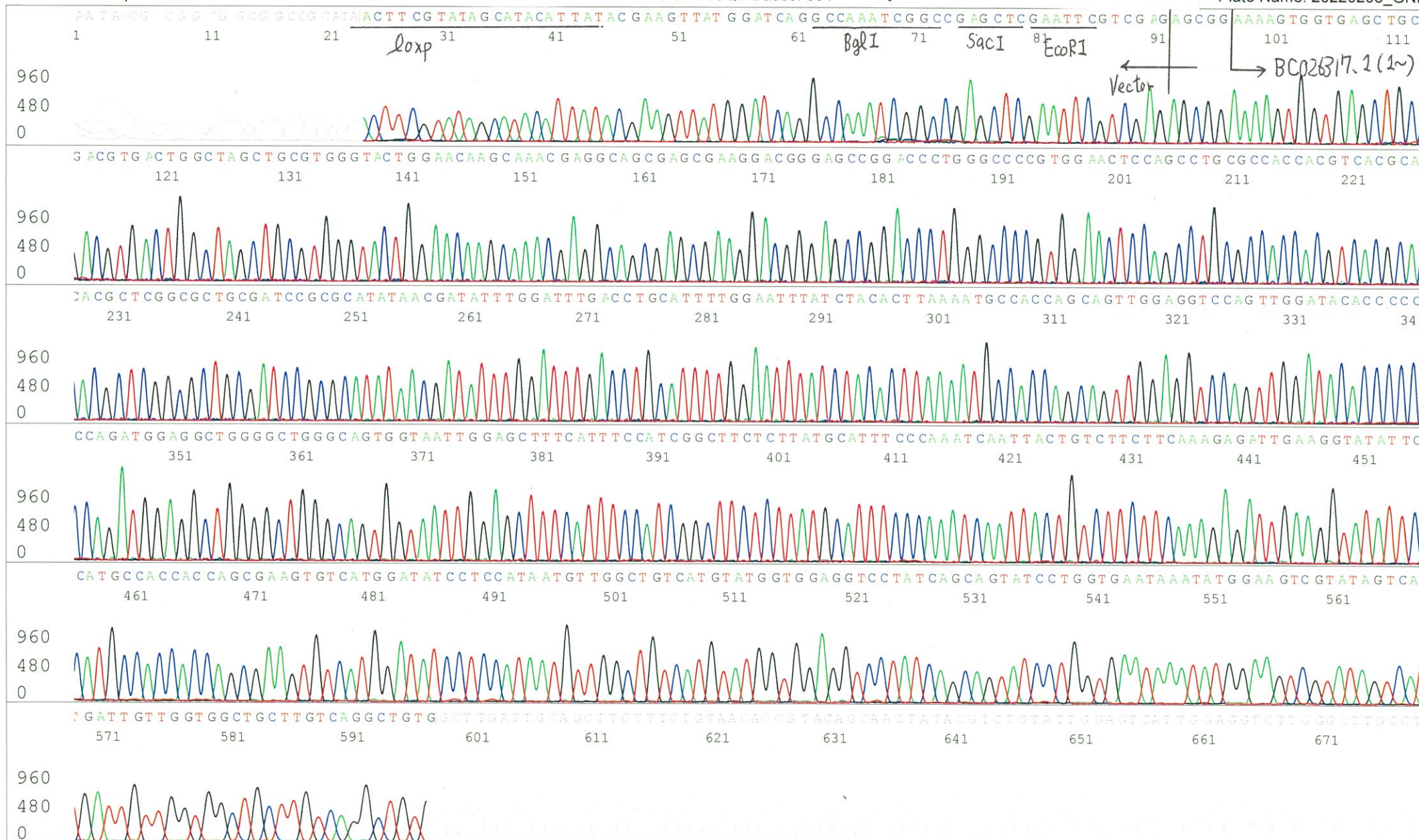
Gray line indicates quality value

Spacing:10.97 Pts/Panel1350

Version 6.0 HiSQV Bases: 684

(QV) < 40.

Plate Name: 20220203_GNP



S/N G:314 A:488 T:351 C:37 Primer B : Reverse2

7566_IRAK032I21_B2As_1_Reverse2

Feb 03,2022 09:36AM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

Gray line indicates quality value

Feb 03,2022 09:52AM, JST

KB 1.4.1.8 Cap:10

5' GCGGATAACAATTTTCACACAGG 3'

Pts 1701 to 8707 Pk1 Loc:1669

(QV) < 40.

Spacing:11.14 Pts/Panel1350

Plate Name: 20220203_GNP

