

RIKEN Clone ID : IRAL034P07

Lot#: 7566_B0Gd

Vector : pOTB7

Gene	SLCO4A1	
Accession No.	BC015727.1	2750 bp
	CDS	2169 bp

● Plasmid DNA purification

Date : 20.07.15

Culture : LB (25 ug/ml Chloramphenicol) 5 ml -> at 37 deg C over night

Date : 20.07.16

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 20.07.16

DNA concentration (O.D.): 257 ng/ul

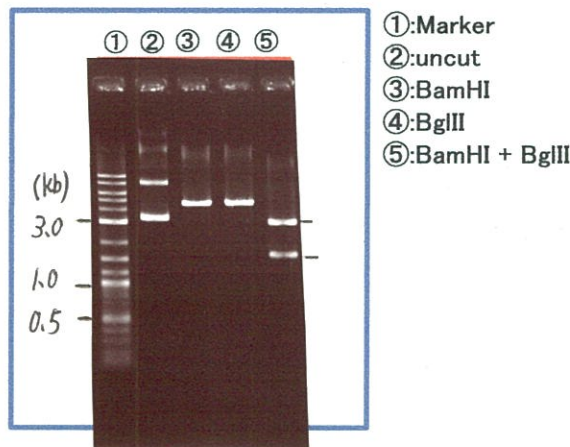
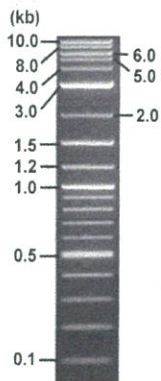
< Size of fragment expected from this clone >

DNA	0.4 ul
Enzyme (BamHI + BglII)	0.5 + 0.5 ul
Buffer H	1 ul
dH ₂ O	7.6 ul
Total	10 ul

BamHI	4.5 kb
BglII	4.5 kb
BamHI + BglII	1.6kb (Vector) 2.9 kb

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 20.08.09

● Confirmation of the insertion sequence

Date : 20.07.21

DNA (<u>257</u> ng/ul)	86.0 ul
10x TE	88.4 ul
dH ₂ O	709.6 ul
Total	884.0 ul

Primer A	pOTB7_F
Primer B	pOTB7_R
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:241 A:205 T:140 C:349

Primer A: pOTB7-F

7566_IRAL034P07_B0Gd_pOTB7_F

KB_3500_POP7_BDTv3.mob

Gray line indicates quality value

Jul 21,2020 02:01PM, JST

KB.bcp

5' AACGCGGCTACAATTAATACATAACC 3'

Pts 1782 to 8338 Pk1 Loc:1750

Jul 21,2020 02:19PM, JST

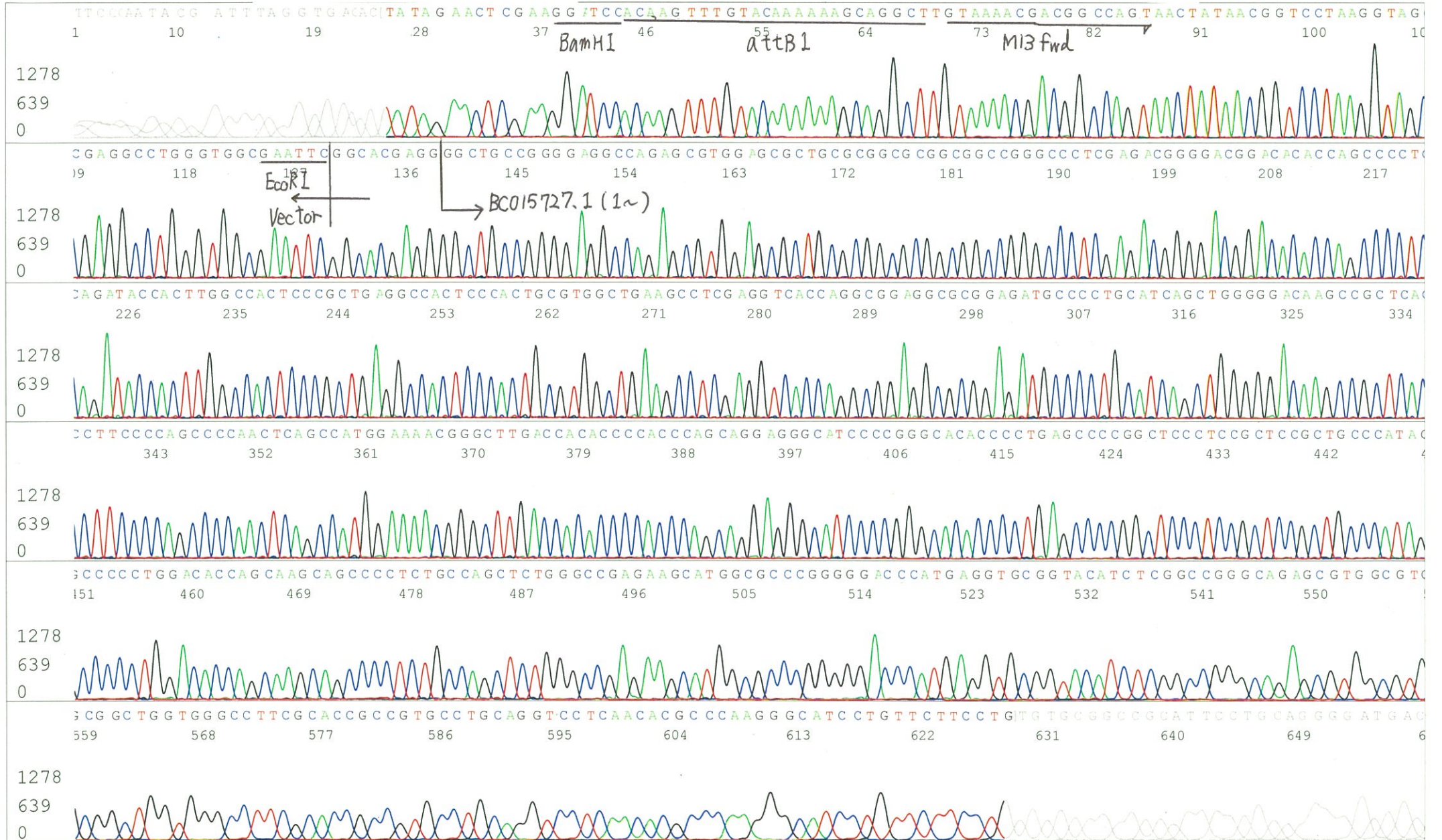
KB 1.4.1.8 Cap:11

Version 6.0 HiSQV Bases: 655

(QV) < 40.

Spacing:9.87 Pts/Panel1350

Plate Name: 20200721_GNP



S/N G:206 A:219 T:168 C:266

Primer B: pOTB7-R

7566_IRAL034P07_B0Gd_pOTB7_R

KB_3500_POP7_BDTv3.mob

Gray line indicates quality value

Jul 21,2020 02:01PM, JST

KB.bcp

5' GTACTGCAGCCGATTCATTAATGC 3'

Pts 1774 to 8389 Pk1 Loc:1742

Jul 21,2020 02:19PM, JST

KB 1.4.1.8 Cap:14

Version 6.0 HiSQV Bases: 647

(QV) < 40.

Spacing:9.9 Pts/Panel1350

Plate Name: 20200721_GNP

