

RIKEN Clone ID : IRAL006A01

Vector : pOTB7

Gene	C9orf28	
Accession No.	BC000122.1	2383 bp
	CDS	- bp

● Plasmid DNA purification

Date : 180215

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

Date : 180216

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 180216

DNA concentration (O.D.): 59 ng/ul

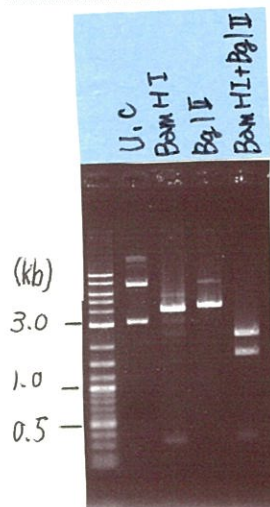
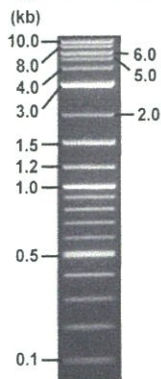
< Size of fragment expected from this clone >

DNA	<u>1.7</u> ul
Enzyme (BamHI + BglIII)	0.5 + 0.5 ul
Buffer H	1 ul
dH ₂ O	<u>6.3</u> ul
Total	10 ul

BamHI	3.9, 0.3 kb
BglIII	4.2 kb
BamHI + BglIII	1.6kb (Vector) 2.3, 0.3 kb

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 180306

DNA (<u>59</u> ng/ul)	<u>80.0</u> ul
10x TE	<u>18.8</u> ul
dH ₂ O	<u>90.0</u> ul
Total	<u>188.8</u> ul

● Confirmation of the insertion sequence

Date : 180227

Primer A	pOTB7_F
Primer B	pOTB7_R
Primer C	Poly(A) region primer # <u>33</u>
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~~

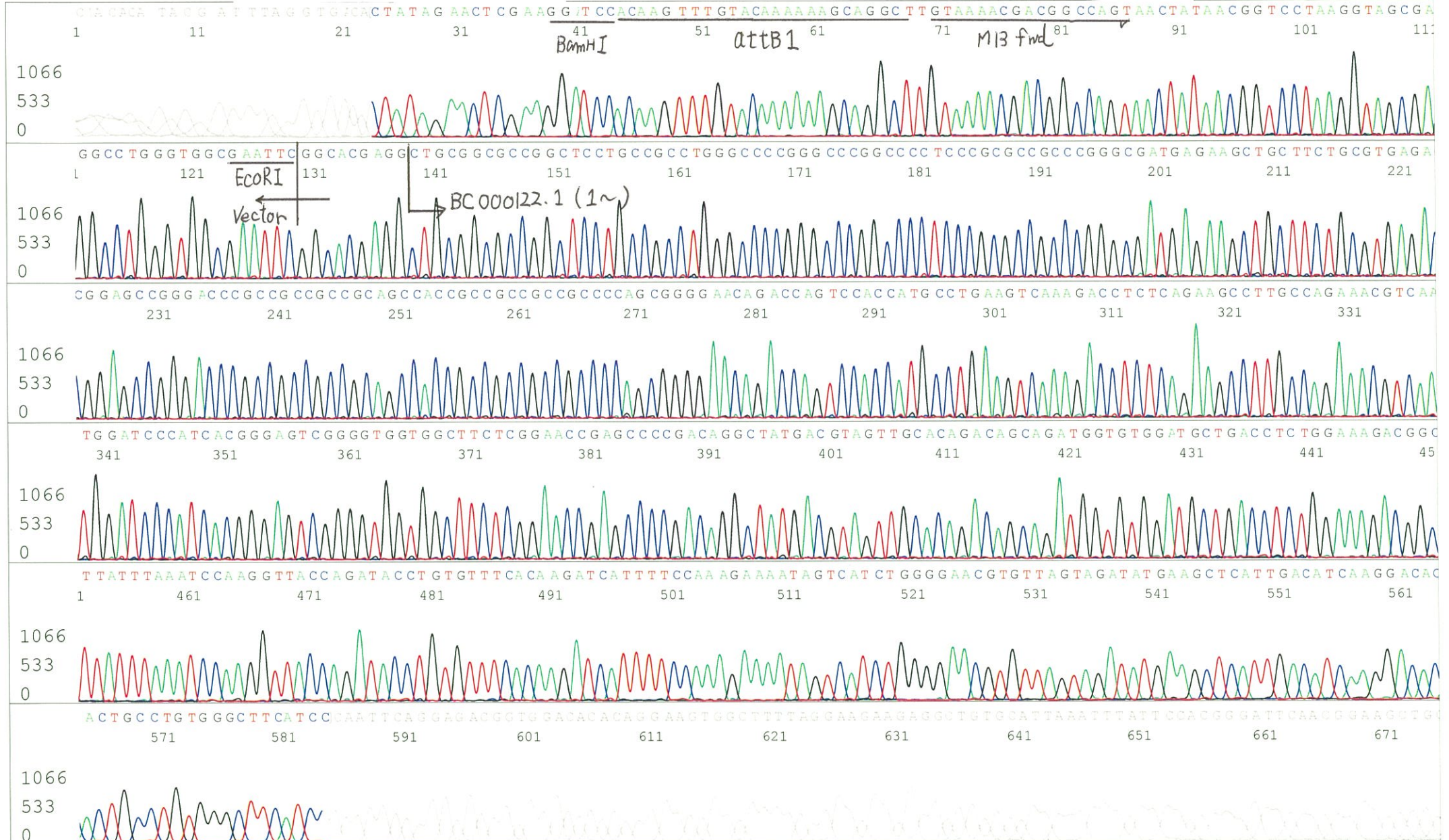


APPROVED BY : <http://dna.brc.riken.jp/index.html>

S/N G:341 A:467 T:289 C:591
KB.bcp
KB 1.4.1.8 Cap:18

Primer A: pOTB7-F
5' AACCGGGCTACAATTAATACATAACC 3'

Gray line indicates quality value
(QV) < 40.



S/N G:63 A:103 T:94 C:127

Primer B: pOTB7-R

IRAL006A01_1_A8B9_pOTB7_R

KB_3500_POP7_BDTv3.mob

Pts 1725 to 8707 Pk1 Loc:1693

Version 6.0 HiSQV Bases: 225

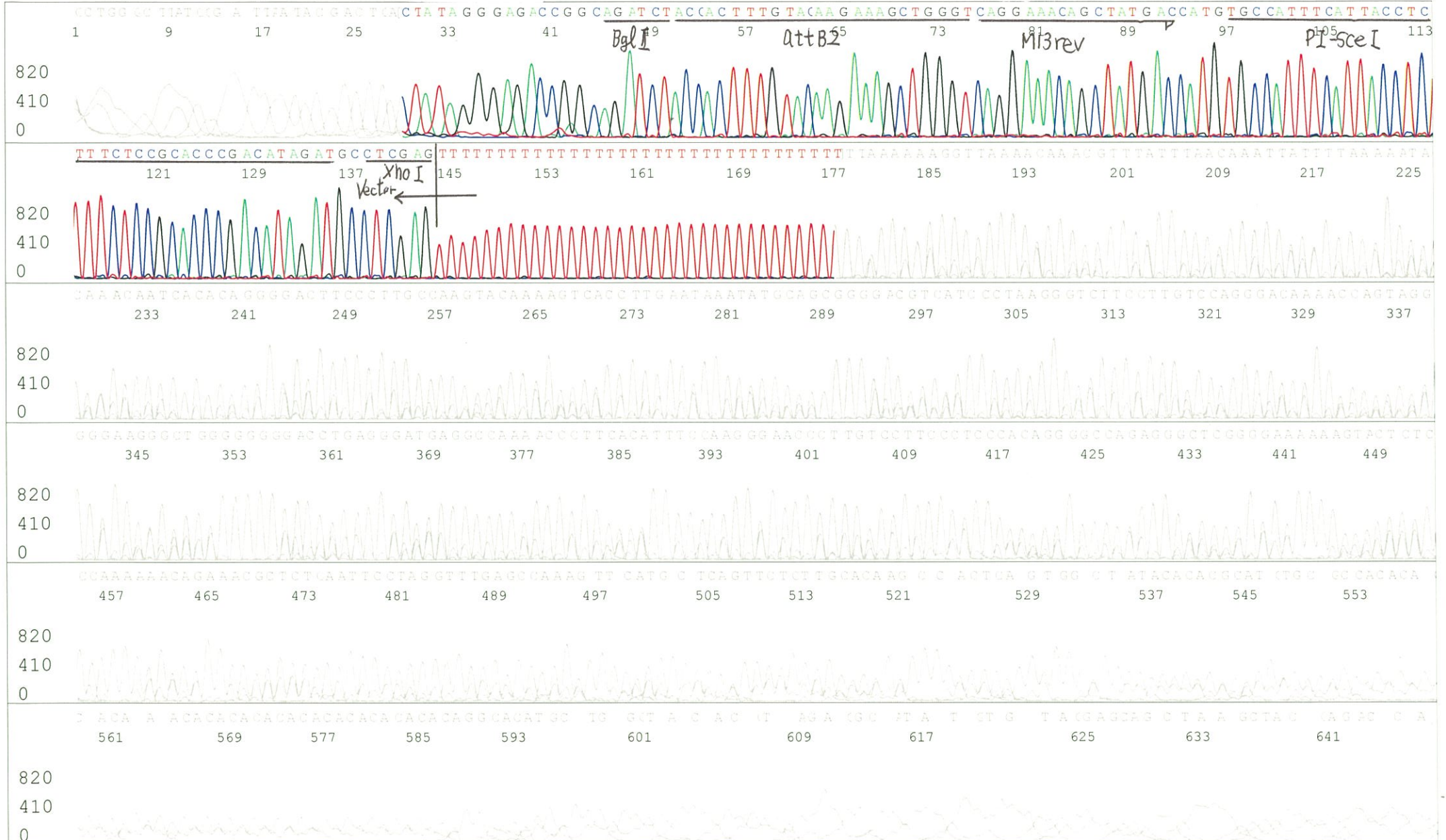
Gray line indicates quality value (QV) < 40.

Feb 26,2018 10:47AM, JST

Feb 26,2018 11:04AM, JST

Spacing:10.59 Pts/Panel1350

Plate Name: 20180226_GNP



S/N G:248 A:246 T:144 C:209
KB.bcp
KB 1.4.1.8 Cap:15

Primer C : Poly(A) region primer #33
5' TTTTTTTTTTTTTTTTTTTTTT AAA 3'

IRAL006A01_A8B9_1_GNP33
KB_3500_POP7_BDTv3.mob
Pts 1758 to 8706 Pk1 Loc:1726
Version 6.0 HiSQV Bases: 729

Gray line indicates quality value
(QV) < 40.

Feb 27,2018 10:07AM, JST
Feb 27,2018 10:22AM, JST
pacing:10.58 Pts/Panel1350
Plate Name: 20180227_GNP

