

RIKEN Clone ID : IRAL020C17

Lot#: 7566_A8Fi

Vector : pOTB7

Gene	PTPN23	
Accession No.	BC027711.2	4234 bp
	CDS	3965 bp

● Plasmid DNA purification

Date : 180619

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

Date : 180620

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 180620

DNA concentration (O.D.): 217 ng/ul

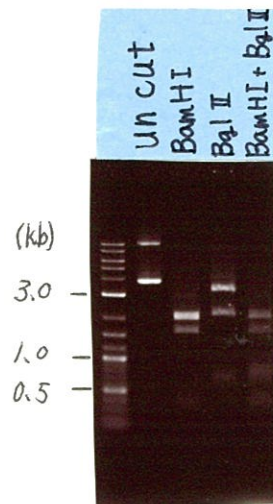
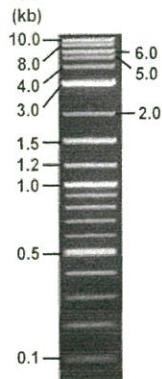
< Size of fragment expected from this clone >

DNA	<u>0.5</u> ul
Enzyme (BamHI + BglII)	0.5 + 0.5 ul
Buffer H	1 ul
dH ₂ O	<u>7.5</u> ul
Total	10 ul

BamHI	2.1, 2.0, 1.7, 0.4 kb
BglII	3.3, 2.2, 0.7kb
BamHI + BglII	1.6kb (Vector) 2.1, 0.8, 0.7, 0.4, 0.4, 0.2 kb

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 180629

● Confirmation of the insertion sequence

Date : 180626

DNA (<u>217</u> ng/ul)	<u>90.0</u> ul
10x TE	<u>78.1</u> ul
dH ₂ O	<u>613.1</u> ul
Total	<u>781.2</u> 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/μl, Volume : 40 μl

Conc. : ng/μl, Volume : μl

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

S/N G:78 A:96 T:77 C:136

IRAL020C17_III_A8Fi_pOTB7_F

Jun 22, 2018 09:07AM, JST

KB.bcp

Primer A: pOTB7-F

KB_3500_POP7_BDTv3.mob

Gray line indicates quality value

Jun 22, 2018 09:33AM, JST

KB 1.4.1.8 Cap:1

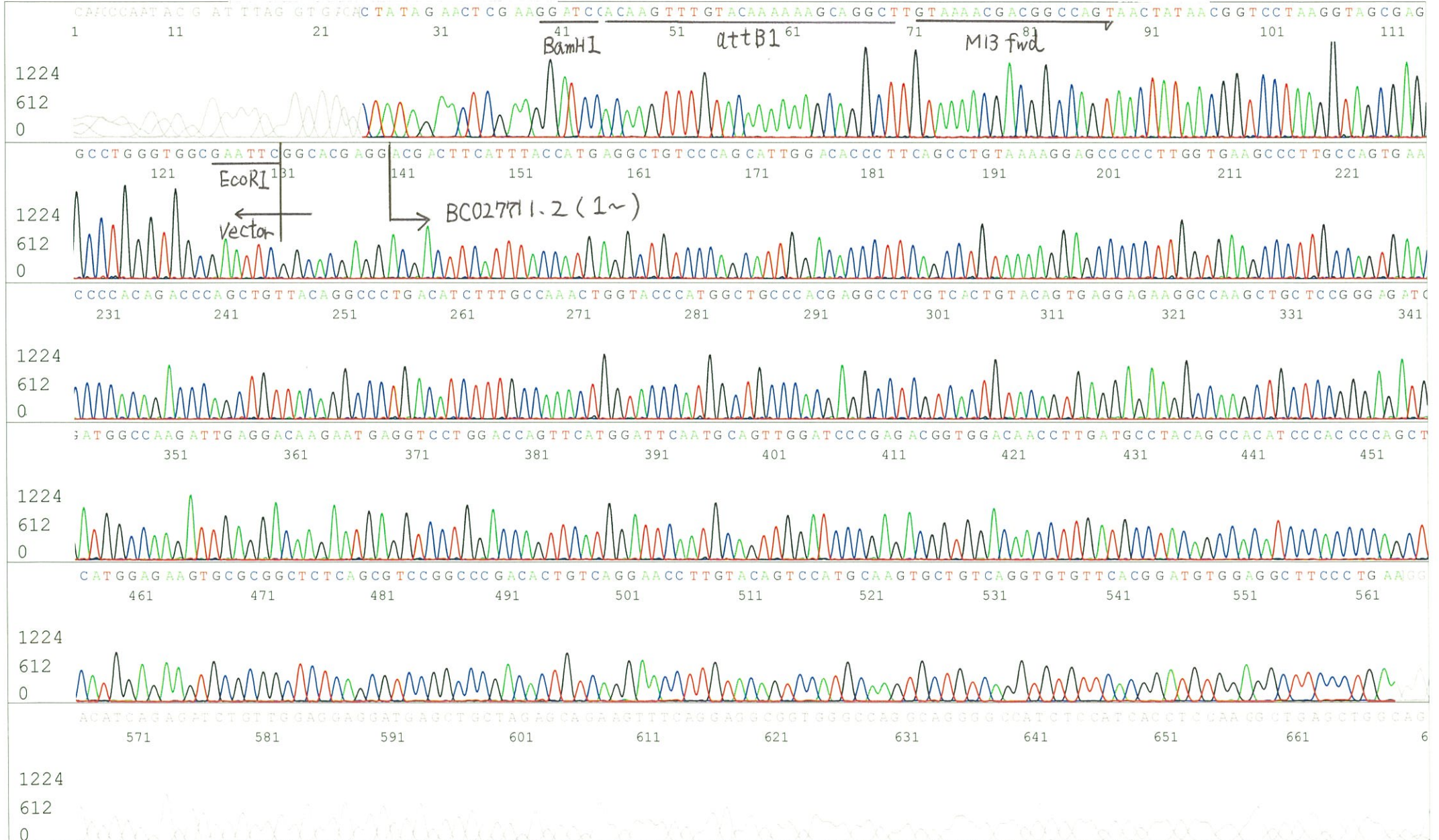
5' AACGCGGCTACAATTAATACATAACC 3'

Pts 1781 to 8704 Pk1 Loc:1749

(QV) < 40.

Spacing:10.81 Pts/Panel1350

Plate Name: 20180622_GNP



S/N G:95 A:98 T:68 C:120

Primer B: pOTB7-R

IRAL020C17_III_A8Fi_pOTB7_R

Jun 26, 2018 09:39AM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

Gray line indicates quality value

Jun 26, 2018 09:53AM, JST

KB 1.4.1.8 Cap:1

5' GTACTGCAGCCGATTCATTAATGC 3'

Pts 1774 to 8703 Pk1 Loc:1742

(QV) < 40.

Spacing:10.66 Pts/Panel1350

Version 6.0 HiSQV Bases: 662

Plate Name: 20180626_GNP

