

**RIKEN Clone ID : IRAL050F05**

Lot#: 7566\_A8Jv

Vector : pOTB7

Gene	MYOD1	
Accession No.	BC064493.1	1699 bp
	CDS	963 bp

● Plasmid DNA purification

Date : 181106

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

Date : 181107

Purification : QIAGEN Miniprep kit → dH<sub>2</sub>O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 181107

DNA concentration (O.D.): 308 ng/ul

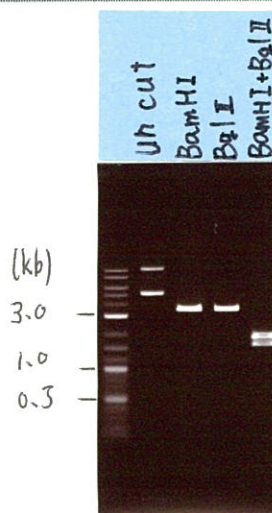
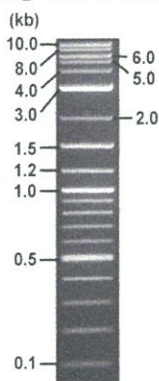
< Size of fragment expected from this clone >

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

BamHI	3.5 kb
BglII	3.5 kb
BamHI + BglII	1.6kb (Vector)      1.9 kb

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 181112

DNA ( <u>308</u> ng/ul)	<u>78.0</u> ul
10x TE	<u>96.0</u> ul
dH <sub>2</sub> O	<u>786.9</u> ul
Total	<u>960.9</u> ul

● Confirmation of the insertion sequence

Date : 181109

Primer A	pOTB7_F
Primer B	pOTB7_R
Primer C	poly(A) region primer #0
List of Sequencing Primers	<a href="http://dna.brc.riken.jp/en/GNPclone3en.html">http://dna.brc.riken.jp/en/GNPclone3en.html</a>

● 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:433 A:391 T:256 C:68 Primer A: pOTB7-F

IRAL050F05\_2\_A8Jv\_III'\_pOTB7\_F

Nov 09,2018 09:54AM, JST

KB.bcp

KB\_3500\_POP7\_BDTv3.mob

Gray line indicates quality value

Nov 09,2018 10:11AM, JST

KB 1.4.1.8 Cap:1

5' AACGCGGCTACAATTAATACATAACC 3'

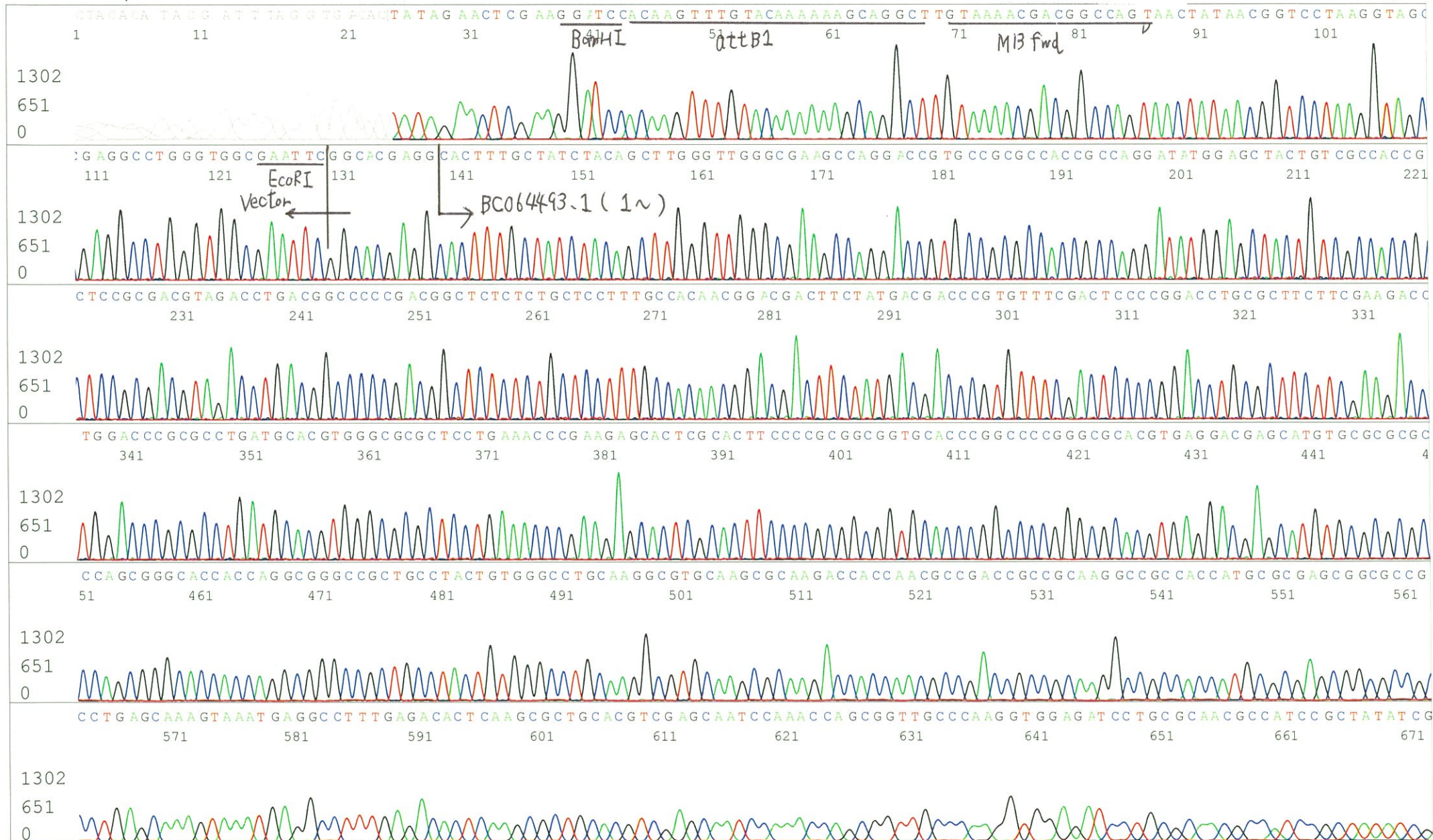
Pts 1828 to 8707 Pk1 Loc:1796

Version 6.0 HiSQV Bases: 700

(QV) < 40.

Spacing:10.94 Pts/Panel1350

Plate Name: 20181109\_GNP





S/N G:177 A:214 T:242 C:304

Primer B: pOTB7-R

IRAL050F05\_2\_A8Jv\_III'\_pOTB7\_R

KB\_3500\_POP7\_BDTv3.mob

Gray line indicates quality value

Nov 09,2018 09:54AM, JST

Nov 09,2018 10:11AM, JST

KB.bcp

5' GTACTGCAGCCGATTTCATTAATGC 3'

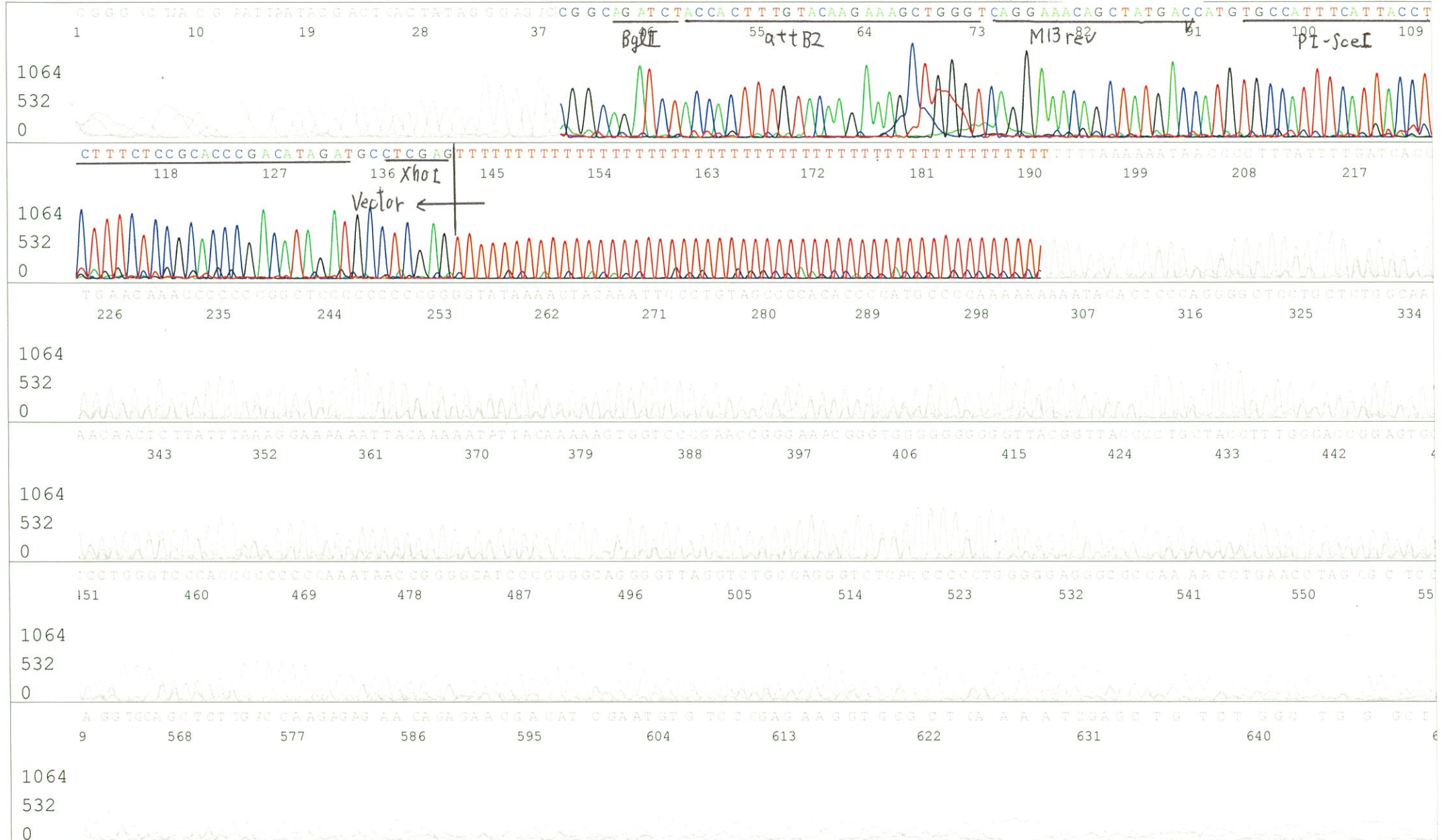
Pts 1811 to 8707 Pk1 Loc:1779

Version 6.0 HiSQV Bases: 237

(QV) < 40.

Spacing:11.04 Pts/Panel1350

Plate Name: 20181109\_GNP





S/N G:80 A:61 T:49 C:89  
KB.bcp  
KB 1.4.1.8 Cap:7

Primer C : Poly(A) region primer #0

IRAL050F05\_2\_A8Jv\_III'\_GNP Mixture

KB\_3500\_POP7\_BDTv3.mob

Pts 1810 to 8707 Pk1 Loc:1778

Version 6.0 HiSQV Bases: 700

Gray line indicates quality value

(QV) < 40.

Nov 09,2018 09:54AM, JST

Nov 09,2018 10:11AM, JST

Spacing:10.79 Pts/Panel1350

Plate Name: 20181109\_GNP

