

RIKEN Clone ID : IRAL054P22

Lot#: 7566_B0Lb

Vector : pOTB7

Gene	HDAC6	
Accession No.	BC069243.1	4123 bp
	CDS	3648 bp

● Plasmid DNA purification

Date : 20,12,14

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

Date : 20,12,15

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 20,12,15

DNA concentration (O.D.): 342 ng/ul

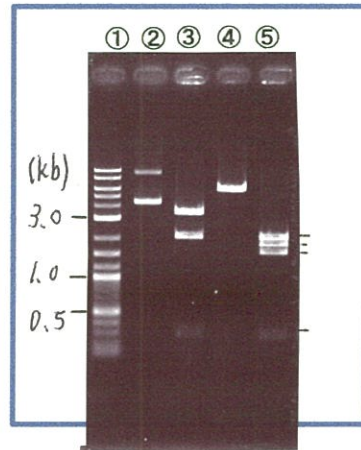
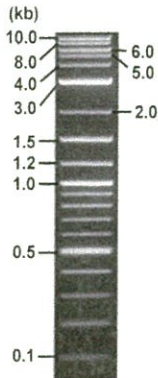
< Size of fragment expected from this clone >

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

BamHI	3.7, 2.1, 0.3 kb
BglII	6.1 kb
BamHI + BglII	1.6kb (Vector) 2.1, 1.9, 0.3 kb

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



- ①:Marker
- ②:uncut
- ③:BamHI
- ④:BglII
- ⑤:BamHI + BglII

● Adjust plasmid DNA solution to 25 ng/ul

Date : 20,12,18

● Confirmation of the insertion sequence

Date : 20,12,17

DNA (<u>342</u> ng/ul)	<u>90.0</u> ul
10x TE	<u>123.1</u> ul
dH ₂ O	<u>108.1</u> ul
Total	<u>123.2</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/ul, Volume : 40 ul

Conc. : ng/ul, Volume : ul



APPROVED BY :

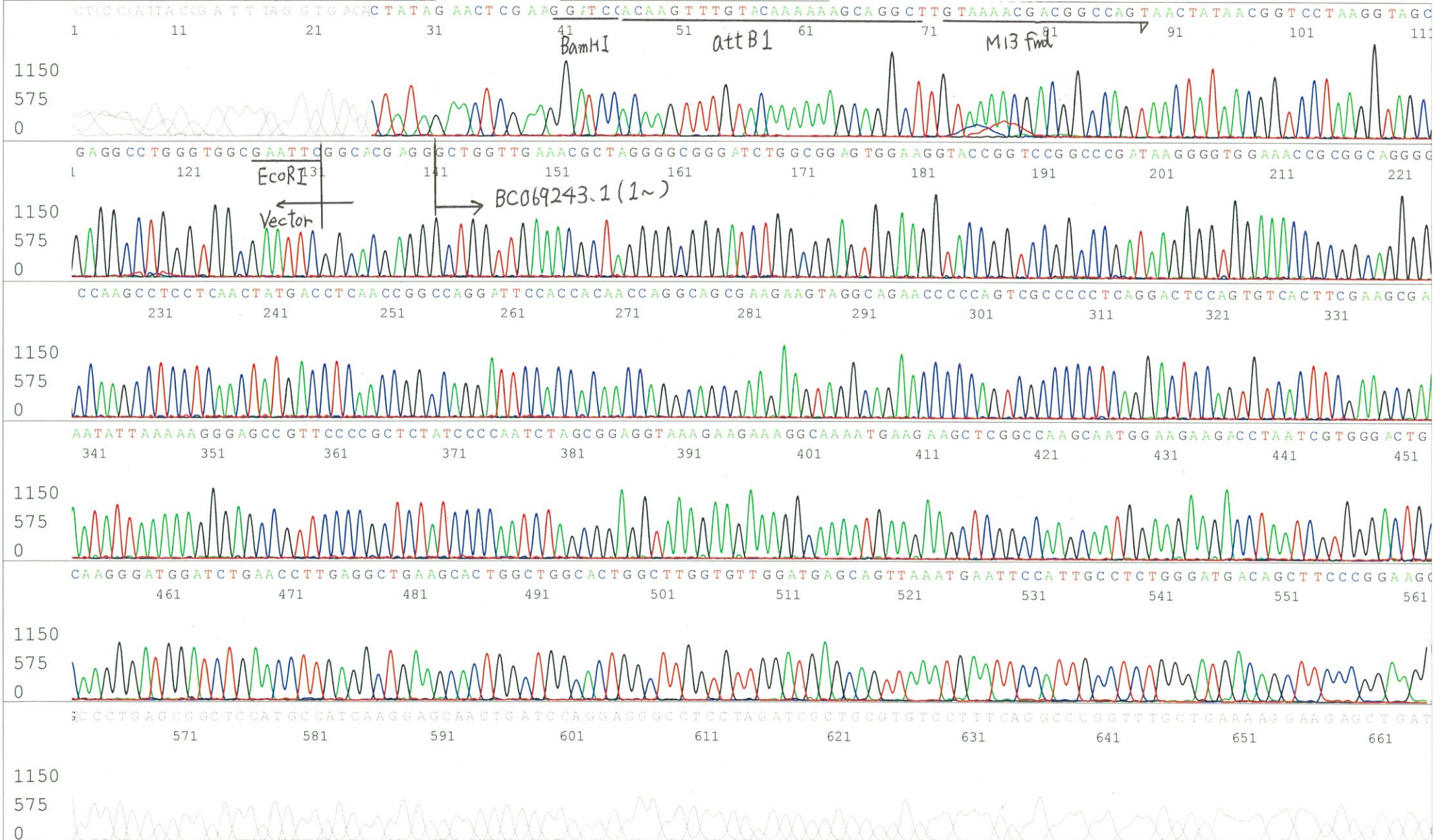
<http://dna.brc.riken.jp/index.html>

S/N G:96 A:97 T:57 C:79
KB.bcp
KB 1.4.1.8 Cap:20

Primer A: pOTB7-F
5' AACGCGGCTACAATTAATACATAACC 3'

7566_IRAL054P22_B0Lb_pOTB7_F_G02_20_ABI24
7566_IRAL054P22_B0Lb_pOTB7_F
KB_3500_POP7_BDTv3.mob
Pts 1844 to 8706 Pk1 Loc:1812
Version 6.0 HiSQV Bases: 66 (QV) < 40.

Inst Model/Name 3500/3500 Instrument
Dec 16,2020 10:04AM, JST
Dec 16,2020 10:19AM, JST
Spacing:10.25 Pts/Panel1350
Plate Name: 20201216_GNP



S/N G:77 A:87 T:63 C:84
KB.bcp
KB 1.4.1.8 Cap:23

Primer B: pOTB7-R
5' GTACTGCAGCCGATTCATTAATGC 3'

7566_IRAL054P22_B0Lb_pOTB7_R_H02_23_ABI24
7566_IRAL054P22_B0Lb_pOTB7_R
KB_3500_POP7_BDTv3.mob
Pts 1848 to 8706 Pk1 Loc:1816
Version 6.0 HiSQV Bases: 669

Gray line indicates quality value
(QV) < 40.

Inst Model/Name 3500/3500 Instrument
Dec 16,2020 10:04AM, JST
Dec 16,2020 10:19AM, JST
Spacing:10.59 Pts/Panel1350
Plate Name: 20201216_GNP

