

RIKEN Clone ID : ARe15D04

Vector : pKA1U5

Gene	HDAC2	
RefSeq_mRNA	NM_001527.4	9737 bp

● Plasmid DNA purification

Date : 190828

Culture : LB (100 ug/ml Ampicillin) 5 ml -> at 37 deg C O/N

Date : 190829

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 190829

DNA concentration (O.D.): 213 ng/ul

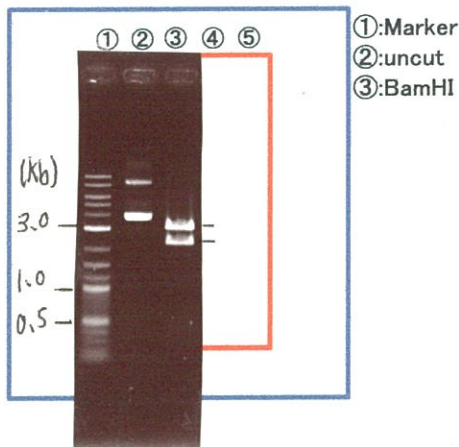
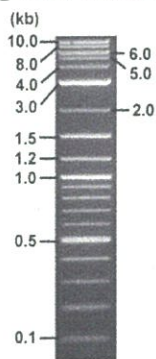
< Size of fragment expected from this clone >

DNA	0.5 ul
Enzyme (BamHI)	1 ul
Buffer H	1 ul
dH ₂ O	7.5 ul
Total	10 ul

BamHI 3.1kb (vector), 10.0 kb (unsure)

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Confirmation of the insertion sequence

Date : 190903

Primer A	pGCAP-F
Primer B	pGCAP-R
Primer C	Poly(A) region
List of Sequencing Primers	http://dna.brc.riken.jp/en/NRCDhum2en.html

● Adjust plasmid DNA solution to 25 ng/ul

Date : 190910

DNA (213 ng/ul)	86.0 ul
10x TE	73.2 ul
dH ₂ O	573.5 ul
Total	732.7 ul

● Shipping



Conc. : 25 ng/μl, Volume : 40 μl



Conc. : _____ ng/μl, Volume : _____ μl



APPROVED BY :

S/N G:78 A:70 T:57 C:92

7672_ARe15D04_A9Hs_pGCAP_F

Sep 03,2019 01:43PM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

Sep 03,2019 02:11PM, JST

KB 1.4.1.8 Cap:3

Primer A : pGCAP-F

Pts 1735 to 8518 Pk1 Loc:1703

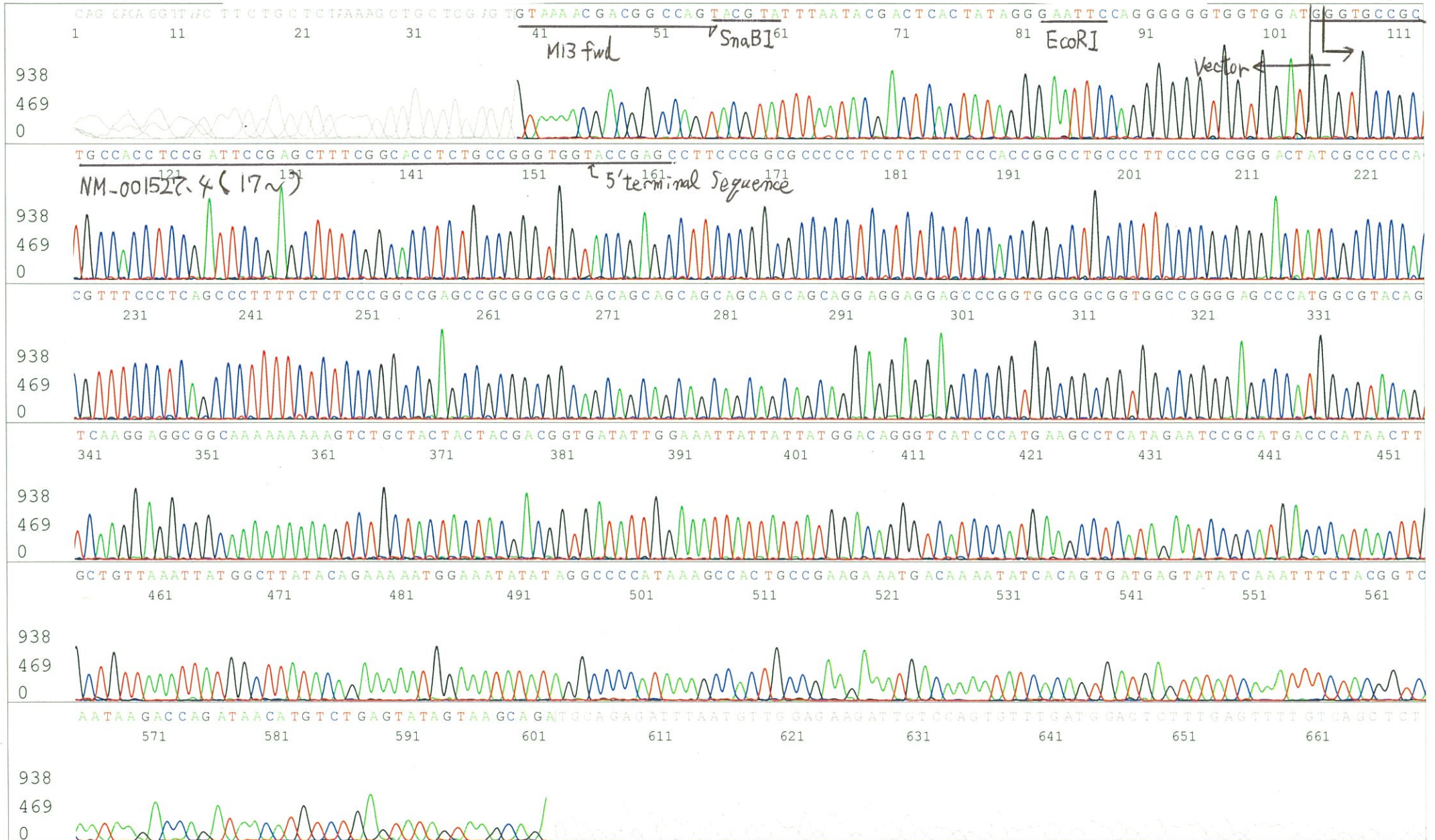
Spacing:10.18 Pts/Panel1350

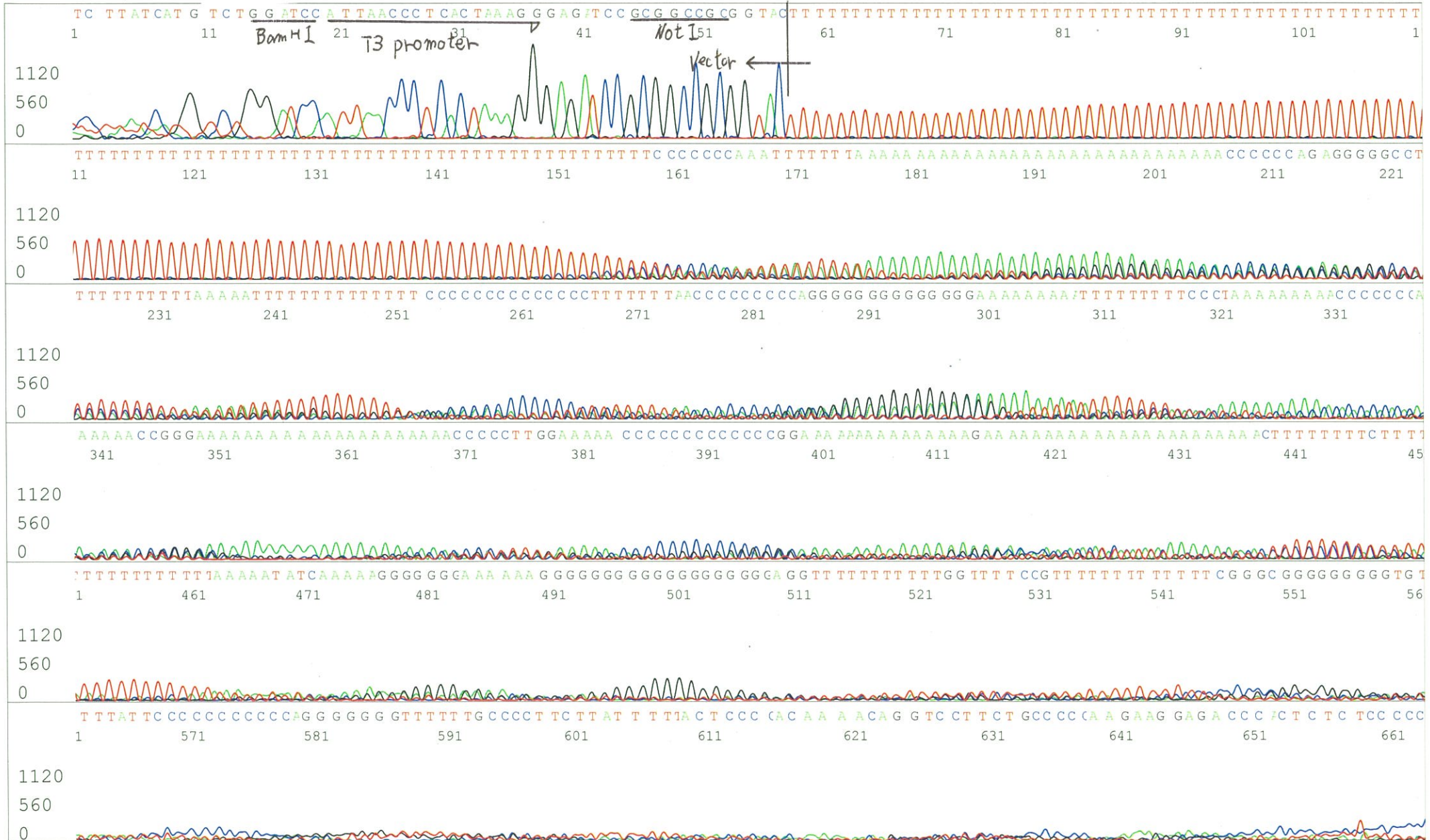
5' CTCAGTGGATGTTGCCTTTAC 3'

Version 6.0 HiSQV Bases: 725

(QV) < 40.

Plate Name: 20190903_GNP





S/N G:18 A:21 T:21 C:23

Primer C : Poly(A) region primer #0

7672_ARe15D04_A9Hs_GNP Mixture

KB_3500_POP7_BDTV3.mob

Gray line indicates quality value

Sep 03,2019 01:43PM, JST

KB.bcp

Pts:1709 to 8570 Pk1 Loc:1677

Sep 03,2019 02:11PM, JST

KB 1.4.1.8 Cap:5

5' TTTTTTTTTTTTTTTTTTTTTTNNN 3'

Version 6.0 HiSQV Bases: 702 (QV) < 40.

Spacing:10.18 Pts/Panel1350

Plate Name: 20190903_GNP

