NRCD Human Full-Length cDNA Clone

Gene Engineering Division
RIKEN BioResource Research Center

RIKEN Clone ID : RBdS040J06

Lot# : 6608_B1II

Vector : pGCAP10

Gene	IL17B	
RefSeq_mRNA	NM_014443.3	712 bp

● Plasmid DNA purification

Date : 21.09.21 Culture : LB (100 ug/ml Ampicillin) 5 ml -> at 37 deg C O/N

Date : 21.09.22 Purification : QIAGEN Miniprep kit -> dH_2O 100 ul

● Digestion by restriction enzyme/Concentrarion calibration

Date : 21.09.22

DNA concentration (O.D.): 353 ng/ul

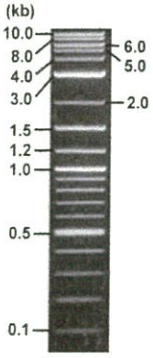
DNA	0.3 ul
Enzyme (BamHI)	1 ul
Buffer H	1 ul
dH_2O	7.7 ul
Total	10 ul

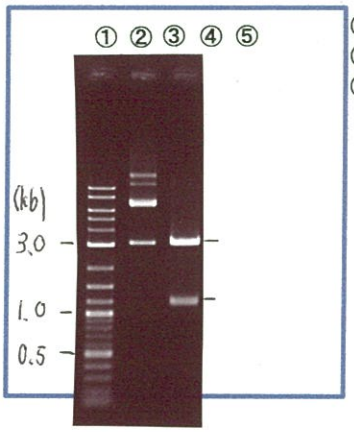
< Size of fragment expected from this clone >

BamHI 3.1kb (vector), 0.9 kb (unsure)

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

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





①:Marker
②:uncut
③:BamHI

● Confirmation of the insertion sequence

Date : 21.11.11

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 : 21.12.2

DNA (353 ng/ul)	82.0 ul
10x TE	115.7 ul
dH_2O	960.1 ul
Total	1157.8 ul

● Shipping

☑ Conc. : 25 ng/μl, Volume : 40 μl

☐ ~~Conc. : ng/μl, Volume : μl~~

APPROVED BY :

確認 21.11.11 笹沼

Applied Biosystems

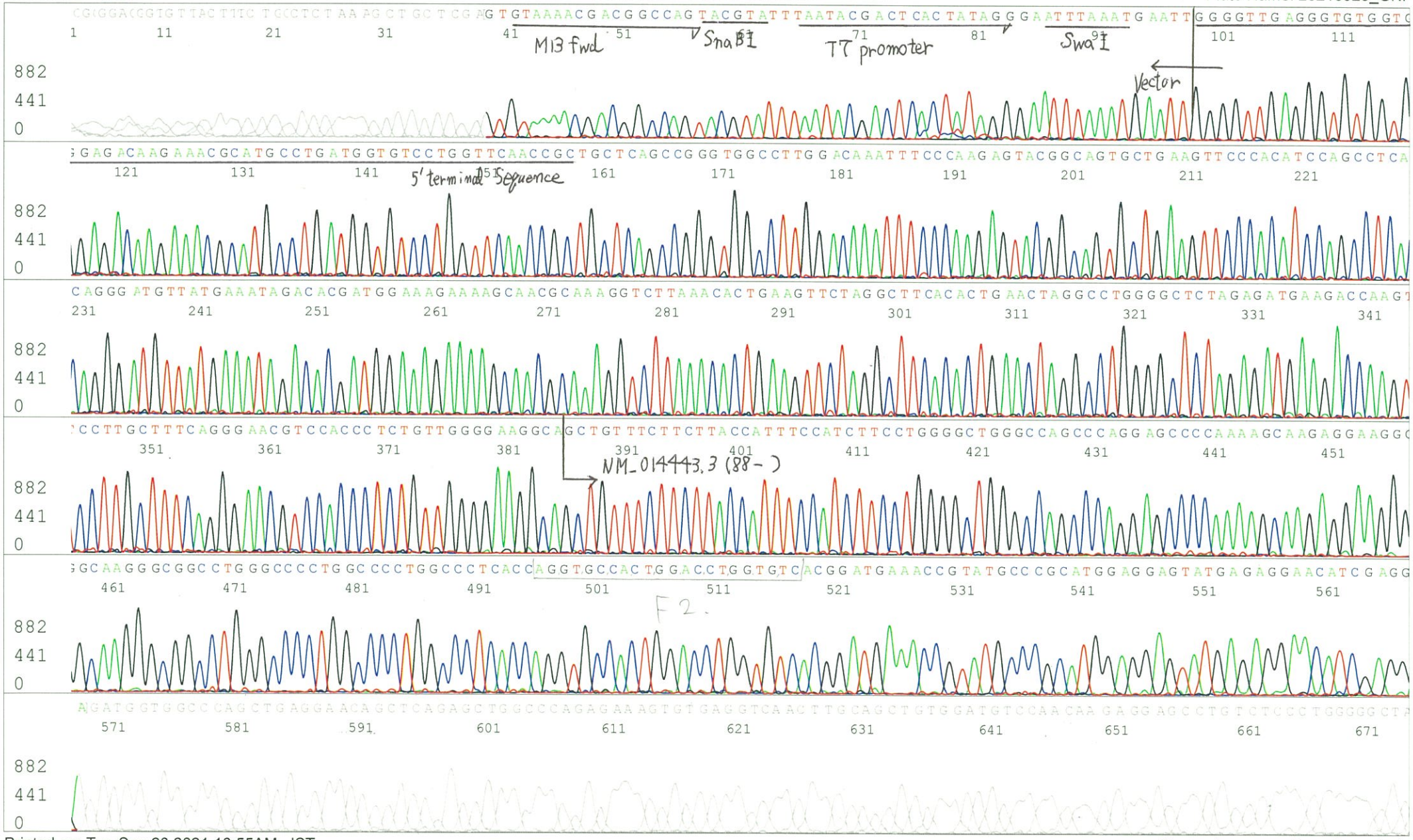
S/N G:51 A:46 T:21 C:34
KB.bcp
KB 1.4.1.8 Cap:8

Primer A : pGCAP-F
5' CTCAGTGGATGTTGCCTTTAC 3'

6608_RBdS040J06_B1ll_pGCAP_F_H01_08_ABI08
6608_RBdS040J06_B1ll_pGCAP_F
KB_3500_POP7_BDTv3.mob
Pts 1750 to 8704 Pk1 Loc:1718
Version 6.0 HiSQV Bases: 657

Gray line indicates quality value (QV) < 40.

Inst Model/Name 3500/3500 Instrument
Sep 28,2021 10:06AM, JST
Sep 28,2021 10:21AM, JST
Spacing:10.61 Pts/Panel1350
Plate Name: 20210928_GNP



Applied Biosystems

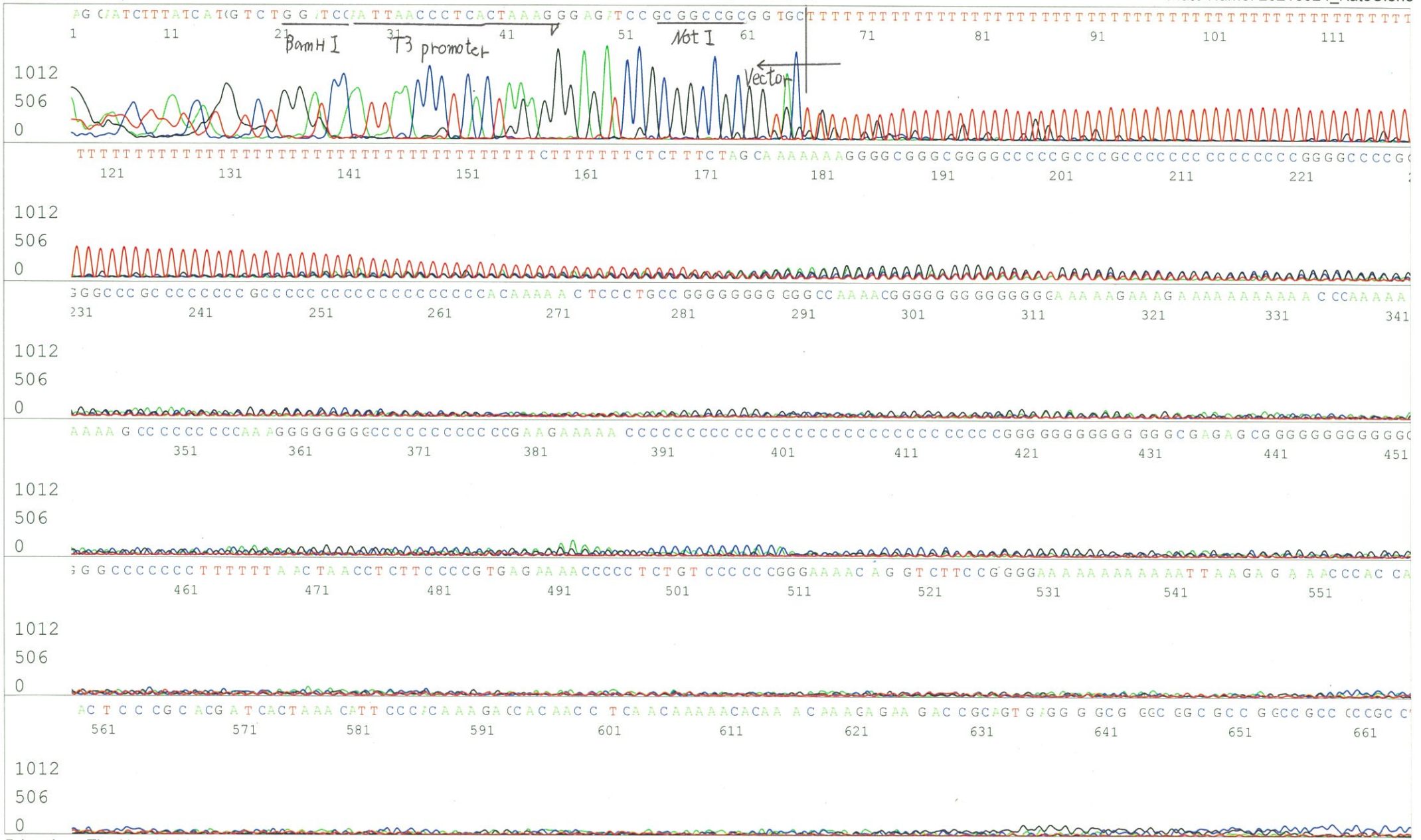
S/N G:15 A:14 T:16 C:13
KB.bcp
KB 1.4.1.8 Cap:13

Primer B : pGCAP-R

5' GCATTCTAGTTGTGGTTTGTCC 3'

6608_RBdS040J06_B1II_pGCAP_R_E01_13_ABI24
6608_RBdS040J06_B1II_pGCAP_R
KB_3500_POP7_BDTv3.mob
Pts 1764 to 8707 Pk1 Loc:1732
Version 6.0 HiSQV Bases: 68

Inst Model/Name 3500/3500 Instrument
Sep 24,2021 09:46AM, JST
Sep 24,2021 10:01AM, JST
Spacing:11.0 Pts/Panel1350
Plate Name: 20210924_KatoClone



Applied Biosystems

S/N G:57 A:44 T:26 C:49
KB.bcp
KB 1.4.1.8 Cap:3

Primer C : Poly(A) region primer #0
5' TTTTTTTTTTTTTTTTTTTTTVNN 3'

6608_RBdS040J06_B1ll_GNP mixture_C01_03_ABI08
6608_RBdS040J06_B1ll_GNP mixture
KB_3500_POP7_BDTv3.mob
Pts 1747 to 8704 Pk1 Loc:1715
Version 6.0 HiSQV Bases: 650

Gray line indicates quality value (QV) < 40.

Inst Model/Name 3500/3500 Instrument
Sep 28,2021 10:06AM, JST
Sep 28,2021 10:21AM, JST
Spacing:10.59 Pts/Panel1350
Plate Name: 20210928_GNP

