NRCD Human Full-Length cDNA Clone

Gene Engineering Division
RIKEN BioResource Research Center

RIKEN_Clone_ID : RBd43D12

Lot# : 7677_A9Cr

Vector : pGCAP10

Gene	YTHDF3	
RefSeq_mRNA	NM_152758.6	5095 bp

● Plasmid DNA purification

Date : 190327 Culture : LB (100 ug/ml Ampicillin) 5 ml -> at 37 deg C O/N

Date : 190328 Purification : QIAGEN Miniprep kit -> dH_2O 100 ul

● Digestion by restriction enzyme/Concentrarion calibration

Date : 190328

DNA concentration (O.D.): 278 ng/ul

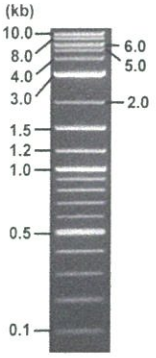
DNA	0.4 ul
Enzyme (BamHI)	1 ul
Buffer H	1 ul
dH_2O	7.6 ul
Total	10 ul

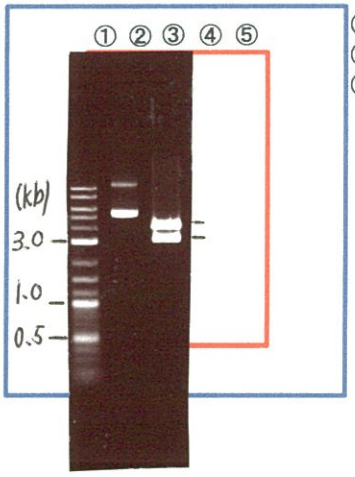
< Size of fragment expected from this clone >

BamHI 3.1kb (vector), 5.3 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 : 190329

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 : 21.04.01

DNA (278 ng/ul)	83.0 ul
10x TE	92.2 ul
dH_2O	747.7 ul
Total	922.9 ul

● Shipping

☑ Conc. : 25 ng/μl, Volume : 40 μl

~~Conc. : ng/μl, Volume : μl~~

APPROVED BY :

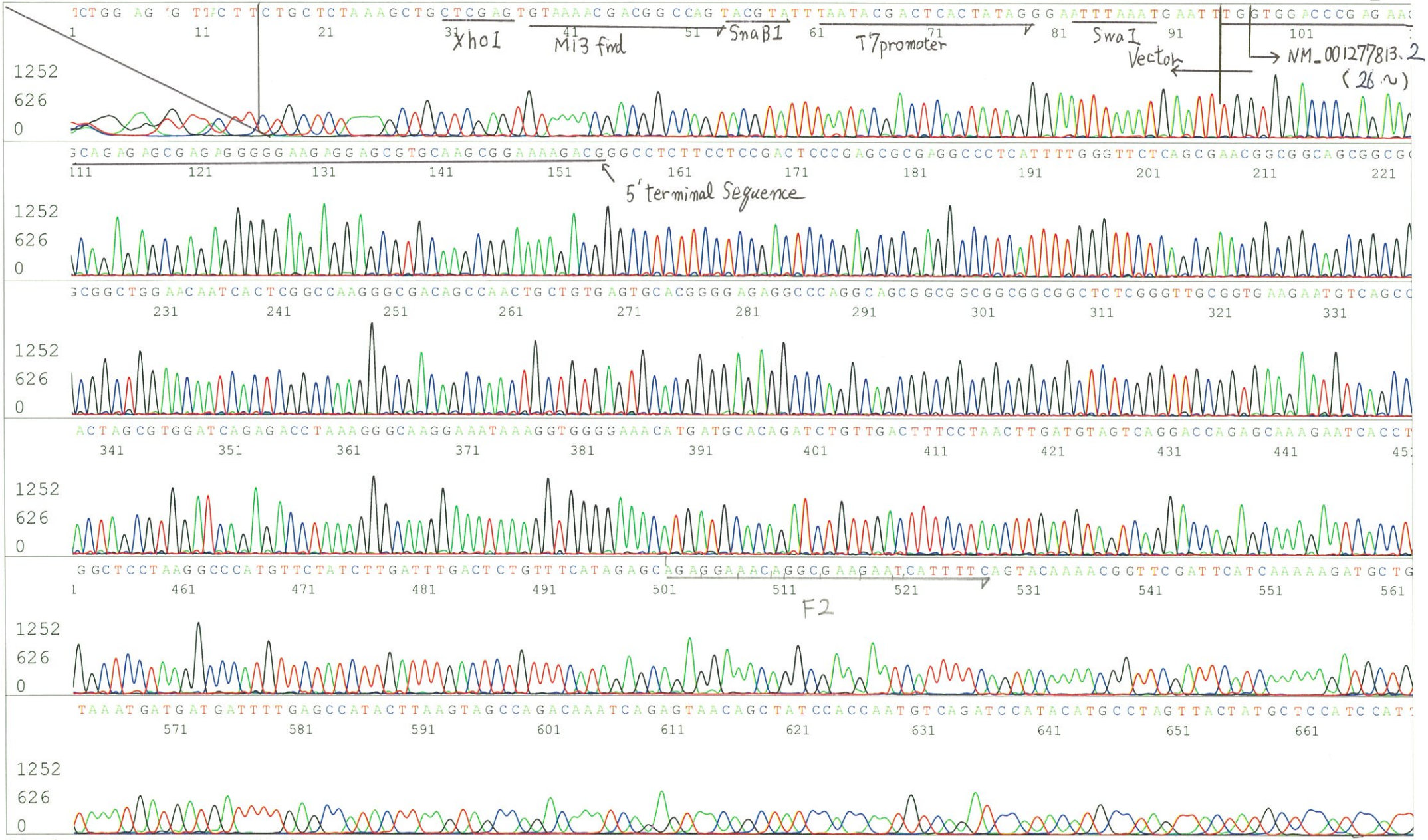
確認 19.9.18 倉治

Applied Biosystems

S/N G:299 A:354 T:239 C:47 Primer A : pGCAP-F
KB.bcp
KB 1.4.1.8 Cap:10 5' CTCAGTGGATGTTGCCTTTAC 3'

7677_RBd43D12_A9Cr_III_pGCAP_F_D04_10_ABI24
7677_RBd43D12_A9Cr_III_pGCAP_F
KB_3500_POP7_BDTv3.mob
Pts 1780 to 8706 Pk1 Loc:1748
Version 6.0 HiSQV Bases: 704

Inst Model/Name 3500/3500 Instrument
Mar 29,2019 10:58AM, JST
Mar 29,2019 11:14AM, JST
Spacing:10.55 Pts/Panel1350
Plate Name: 20190329_GNP



Applied Biosystems

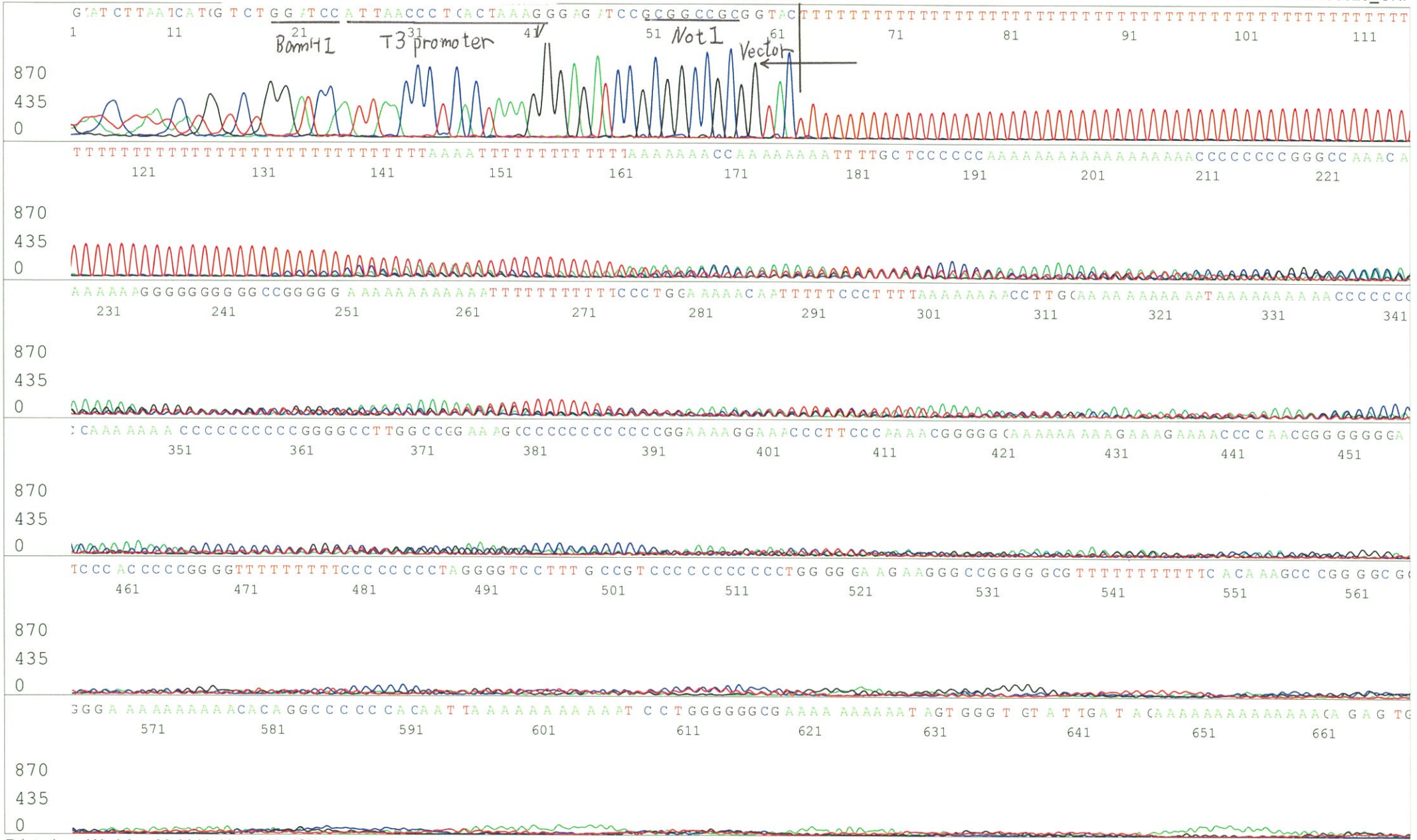
S/N G:17 A:23 T:34 C:23
KB.bcp
KB 1.4.1.8 Cap:13

Primer B : pGCAP-R

5' GCATTCTAGTTGTGGTTTGTCC 3'

7677_RBd43D12_A9Cr_III_pGCAP_R_E04_13_ABI24
7677_RBd43D12_A9Cr_III_pGCAP_R
KB_3500_POP7_BDTv3.mob
Pts 1778 to 8808 Pk1 Loc:1746
Version 6.0 HiSQV Bases: 203

Inst Model/Name 3500/3500 Instrument
Mar 29,2019 10:58AM, JST
Mar 29,2019 11:14AM, JST
Spacing:10.73 Pts/Panel1350
Plate Name: 20190329_GNP



Applied Biosystems

S/N G:46 A:79 T:76 C:68
KB.bcp
KB 1.4.1.8 Cap:16

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

7677_RBd43D12_A9Cr_III_GNPmixture_F04_16_ABI24
7677_RBd43D12_A9Cr_III_GNPmixture
KB_3500_POP7_BDTv3.mob
Pts 1757 to 8706 Pk1 Loc:1725
Version 6.0 HiSQV Bases: 712

Inst Model/Name 3500/3500 Instrument
Mar 29,2019 10:58AM, JST
Mar 29,2019 11:14AM, JST
Spacing:10.51 Pts/Panel1350
Plate Name: 20190329_GNP

