NRCD Human Full-Length cDNA Clone

Gene Engineering Division
RIKEN BioResource Research Center

RIKEN Clone ID : ARe26B01

Lot# : 7672_A9Cr

Vector : pKA1U5

Gene	TTC1	
RefSeq_mRNA	NM_003314.3	1441 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.): 243 ng/ul

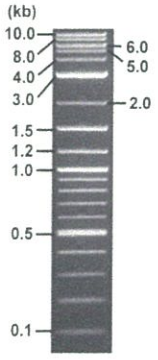
DNA	0.4 ul
Enzyme (BamHI)	1 ul
Buffer H	1 ul
dH_2O	7.6 ul
Total	10 ul

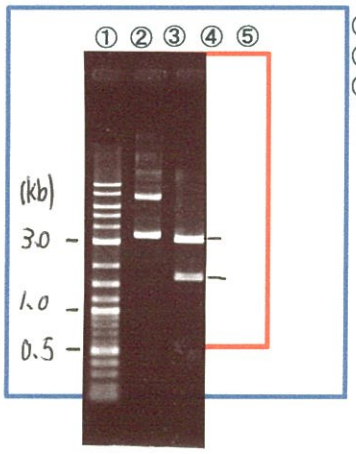
< Size of fragment expected from this clone >

BamHI 3.1kb (vector), 1.6 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 (243 ng/ul)	85.0 ul
10x TE	82.6 ul
dH_2O	658.6 ul
Total	826.2 ul

21.03.10 OK

● Shipping

☑ Conc. : 25 ng/μl, Volume : 40 μl

☐ ~~Conc. : ng/μl, Volume : μl~~

APPROVED BY :

確認 19.9.18 笹沼

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

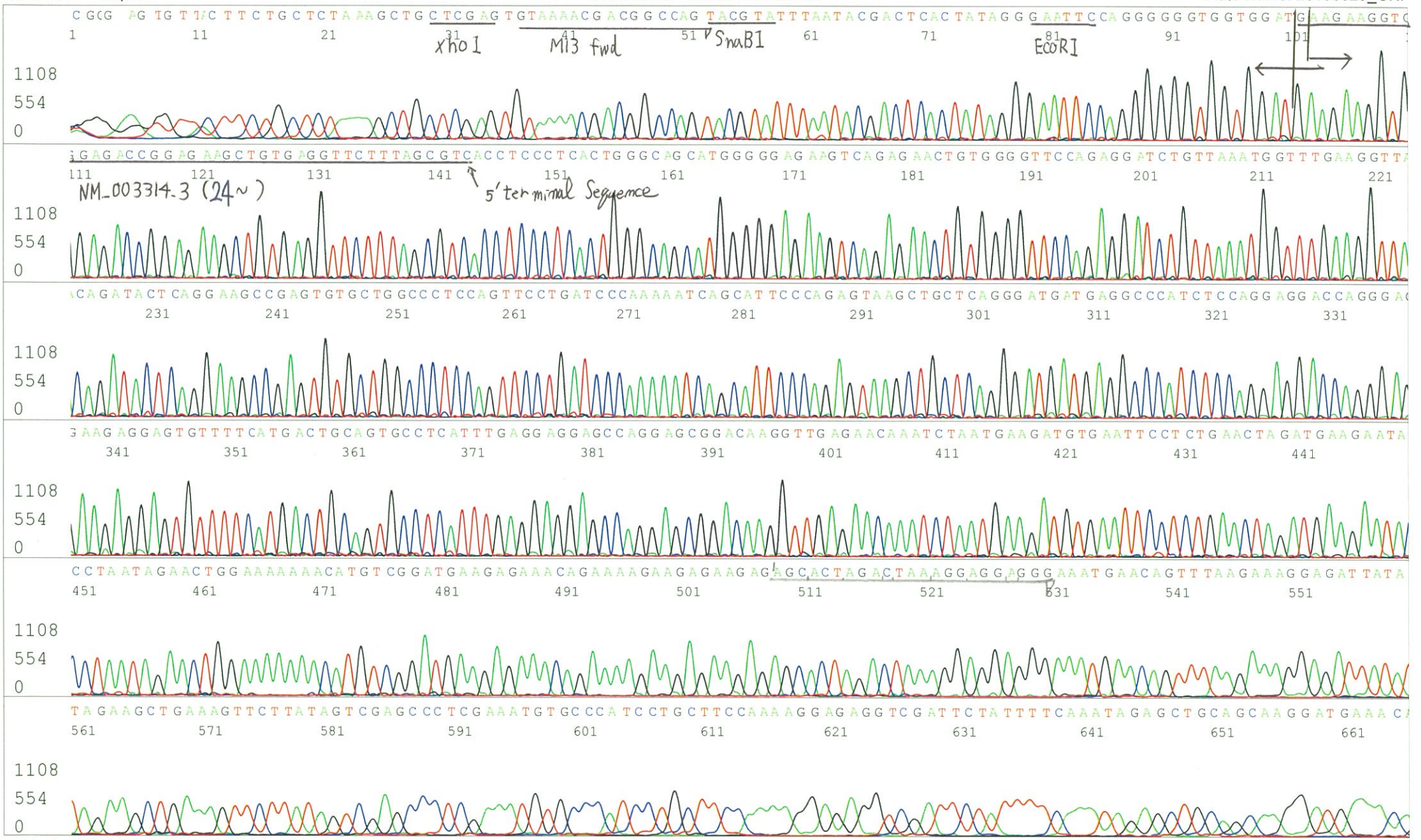
Applied Biosystems

S/N G:205 A:340 T:183 C:221
KB.bcp
KB 1.4.1.8 Cap:22

Primer A : pGCAP-F
5' CTCAGTGGATGTTGCCTTTAC 3'

7672_ARe26B01_A9Cr_III_pGCAP_F_H07_22_ABI24
7672_ARe26B01_A9Cr_III_pGCAP_F
KB_3500_POP7_BDTv3.mob
Pts 1752 to 8706 Pk1 Loc:1720
Version 6.0 HiSQV Bases: 701

Inst Model/Name 3500/3500 Instrument
Mar 29,2019 11:39AM, JST
Mar 29,2019 11:55AM, JST
Spacing:10.63 Pts/Panel1350
Plate Name: 20190329_GNP



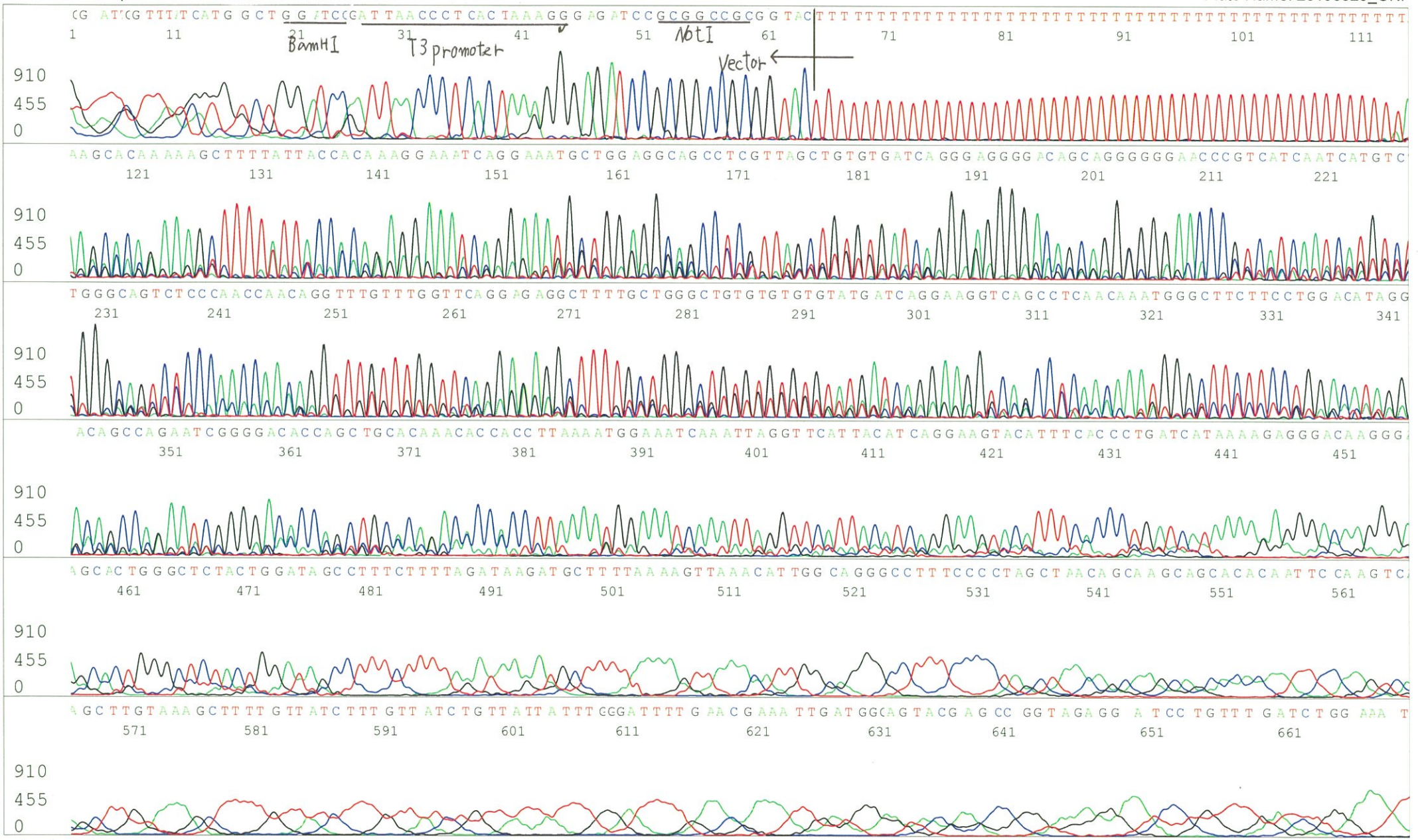
Applied Biosystems

S/N G:75 A:80 T:62 C:76
KB.bcp
KB 1.4.1.8 Cap:2

Primer B : pGCAP-R
5' GCATTCTAGTTGTGGTTTGTCC 3'

7672_ARe26B01_A9Cr_III_pGCAP_R_A08_02_ABI24
7672_ARe26B01_A9Cr_III_pGCAP_R
KB_3500_POP7_BDTv3.mob
Pts 1821 to 9018 Pk1 Loc:1789
Version 6.0 HiSQV Bases: 547

Inst Model/Name 3500/3500 Instrument
Mar 29,2019 11:39AM, JST
Mar 29,2019 11:55AM, JST
Spacing:10.73 Pts/Panel1350
Plate Name: 20190329_GNP



Applied Biosystems

S/N G:212 A:222 T:177 C:246
KB.bcp
KB 1.4.1.8 Cap:5

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

7672_ARe26B01_A9Cr_III_GNPmixture_B08_05_ABI24
7672_ARe26B01_A9Cr_III_GNPmixture
KB_3500_POP7_BDTv3.mob
Pts 1807 to 8706 Pk1 Loc:1775
Version 6.0 HiSQV Bases: 695

Inst Model/Name 3500/3500 Instrument
Mar 29,2019 11:39AM, JST
Mar 29,2019 11:55AM, JST
Spacing:10.41 Pts/Panel1350
Plate Name: 20190329_GNP

