NRCD Human Full-Length cDNA Clone

Gene Engineering Division
RIKEN BioResource Research Center

RIKEN Clone ID : RBd18G12

Lot# : 7677_A9Cd

Vector : pGCAP10

Gene	EDC4	
RefSeq_mRNA	NM_014329.5	4767 bp

● Plasmid DNA purification

Date : 190318 Culture : LB (100 ug/ml Ampicillin) 5 ml -> at 37 deg C O/N

Date : 190319 Purification : QIAGEN Miniprep kit -> dH_2O 100 ul

● Digestion by restriction enzyme/Concentrarion calibration

Date : 190319

DNA concentration (O.D.): 256 ng/ul

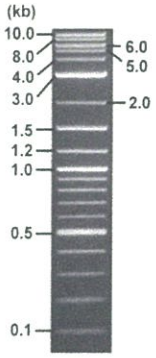
DNA	0.4 ul
Enzyme (BamHI)	1 ul
Buffer H	1 ul
dH_2O	7.6 ul
Total	10 ul

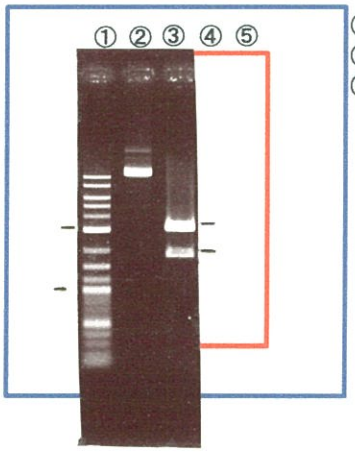
< Size of fragment expected from this clone >

BamHI 3.1kb (vector), 3.1, 1.8, 0.1 kb 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 : 190326

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 (256 ng/ul)	72.0 ul
10x TE	73.7 ul
dH_2O	591.5 ul
Total	737.2 ul

● Shipping

☑ Conc. : 25 ng/μl, Volume : 40 μl

☐ ~~Conc. : ng/μl, Volume : μl~~

APPROVED BY :



Applied Biosystems

S/N G:184 A:168 T:143 C:203
KB.bcp
KB 1.4.1.8 Cap:3

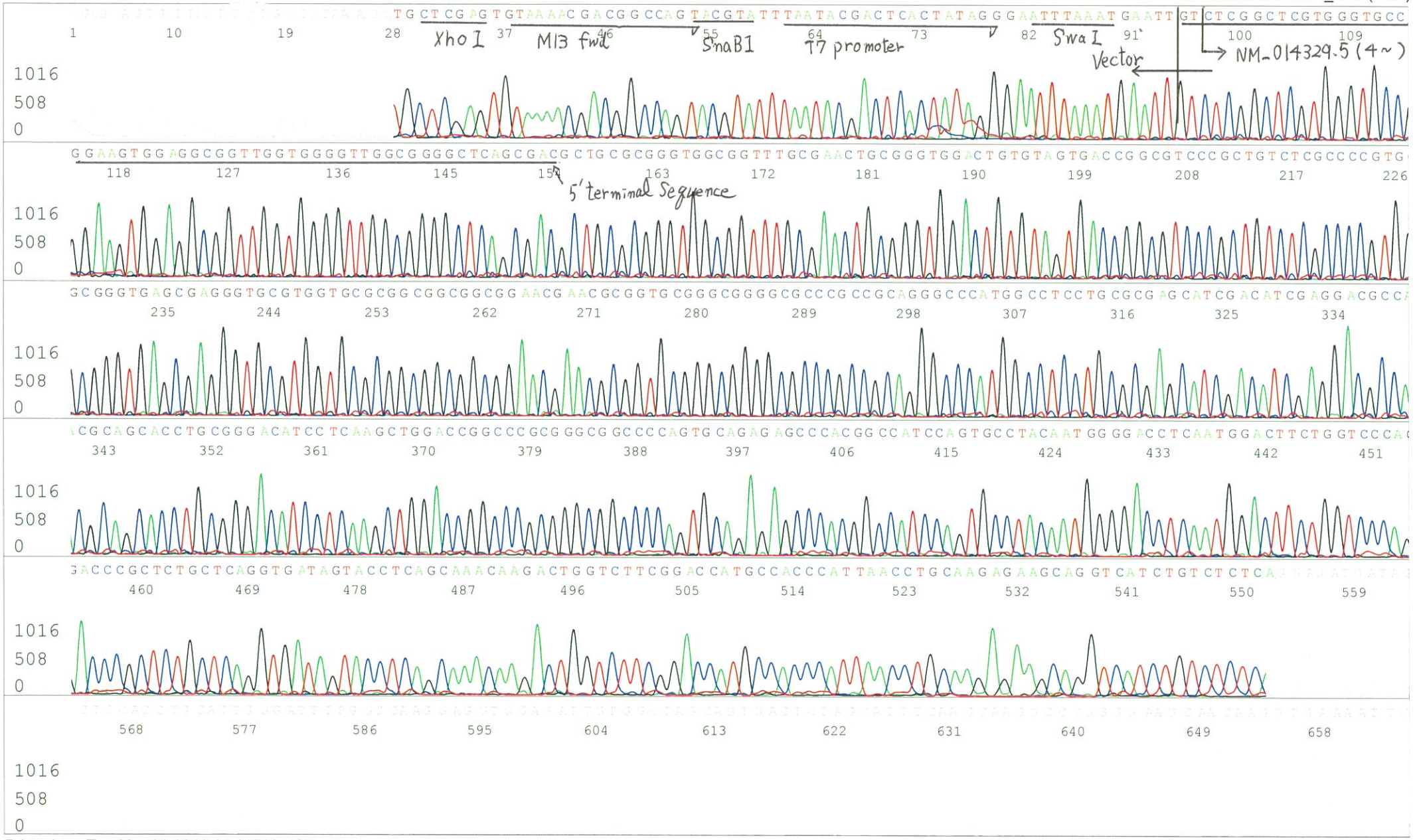
Primer A : pGCAP-F

5' CTCAGTGGATGTTGCCTTTAC 3'

7677_RBd18G12_A9Cd_pGCAP_F_A03_03_ABI24
7677_RBd18G12_A9Cd_pGCAP_F
KB_3500_POP7_BDTv3.mob
Pts 1697 to 8648 Pk1 Loc:1665
Version 6.0 HiSQV Bases: 682

Gray line indicates quality value (QV) < 40.

Inst Model/Name 3500/3500 Instrument
Mar 26,2019 02:37PM, JST
Mar 26,2019 02:51PM, JST
Spacing:10.54 Pts/Panel1350
te Name: 20190326_GNP(Kato)



Applied Biosystems

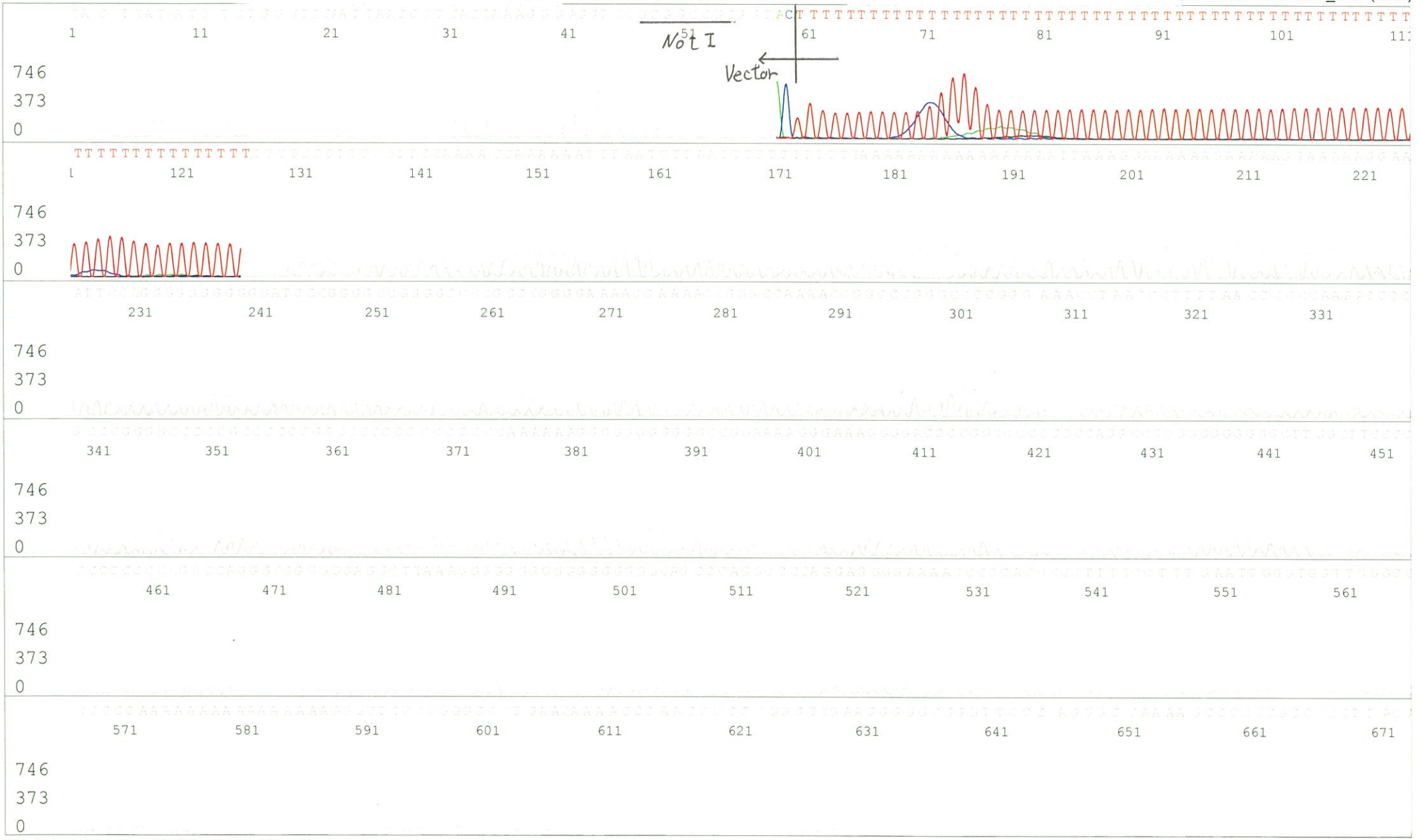
S/N G:79 A:88 T:109 C:120
KB.bcp
KB 1.4.1.8 Cap:6

Primer B : pGCAP-R
5' GCATTCTAGTTGTGGTTTGTCC 3'

7677_RBd18G12_A9Cd_pGCAP_R_B03_06_ABI24
7677_RBd18G12_A9Cd_pGCAP_R
KB_3500_POP7_BDTv3.mob
Pts 1699 to 8706 Pk1 Loc:1667
Version 6.0 HiSQV Bases: 212

Gray line indicates quality value (QV) < 40.

Inst Model/Name 3500/3500 Instrument
Mar 26,2019 02:37PM, JST
Mar 26,2019 02:51PM, JST
Spacing:10.52 Pts/Panel1350
ate Name: 20190326_GNP(Kato)



Applied Biosystems

7677_RBd18G12_A9Cd_GNP Mixture_C03_09_ABI24
7677_RBd18G12_A9Cd_GNP Mixture
KB_3500_POP7_BDTv3.mob
Pts 1698 to 8568 Pk1 Loc:1666
Version 6.0 HiSQV Bases: 683

Inst Model/Name 3500/3500 Instrument
Mar 26,2019 02:37PM, JST
Mar 26,2019 02:51PM, JST
Spacing:10.45 Pts/Panel1350
Name: 20190326_GNP(Kato)

S/N G:264 A:230 T:176 C:358
KB.bcp
KB 1.4.1.8 Cap:9

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

Gray line indicates quality value (QV) < 40.

