NRCD Human Full-Length cDNA Clone

Gene Engineering Division
RIKEN BioResource Research Center

Lot# : 7677_B2Hf

RIKEN Clone ID : RBd17B03

Vector : pGCAP10

Gene MAPK8IP3

Accession No. NM_001040439.2 . 5631 bp

● Plasmid DNA purification

Date : 22.08.15 Culture : LB (100 ug/ml Ampicillin) 5 ml -> at 37 deg C O/N

Date : 22.08.23 Purification : QIAGEN Miniprep kit -> dH_2O 100 ul

● Digestion by restriction enzyme/Concentrarion calibration

Date : 22.08.23

DNA concentration (O.D.): 314 ng/ul

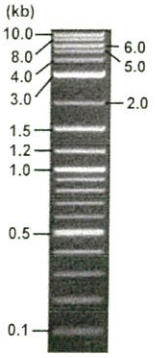
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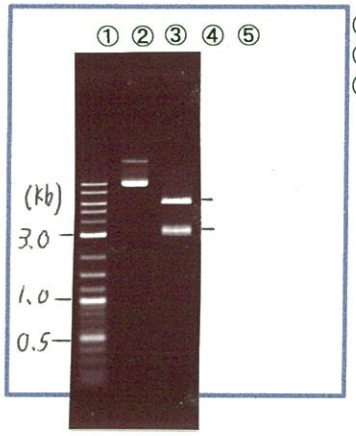
DNA	0.3 ul
Enzyme (BamHI)	1 ul
Buffer H	1 ul
dH_2O	7.7 ul
Total	10 ul

BamHI 3.1kb (vector), 1.5 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 : 22.12.16

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 : 22.12.23

DNA (314 ng/ul)	70.0 ul
10x TE	87.9 ul
dH_2O	721.3 ul
Total	879.2 ul

● Shipping

☑ Conc. : 25 ng/μl, Volume : 40 μl

☐ ~~Conc. : ng/μl, Volume : μl~~

APPROVED BY : 確認 22.12.23 笹沼

Applied Biosystems

S/N G:416 A:384 T:175 C:39
KB.bcp
KB 1.4.1.8 Cap:5

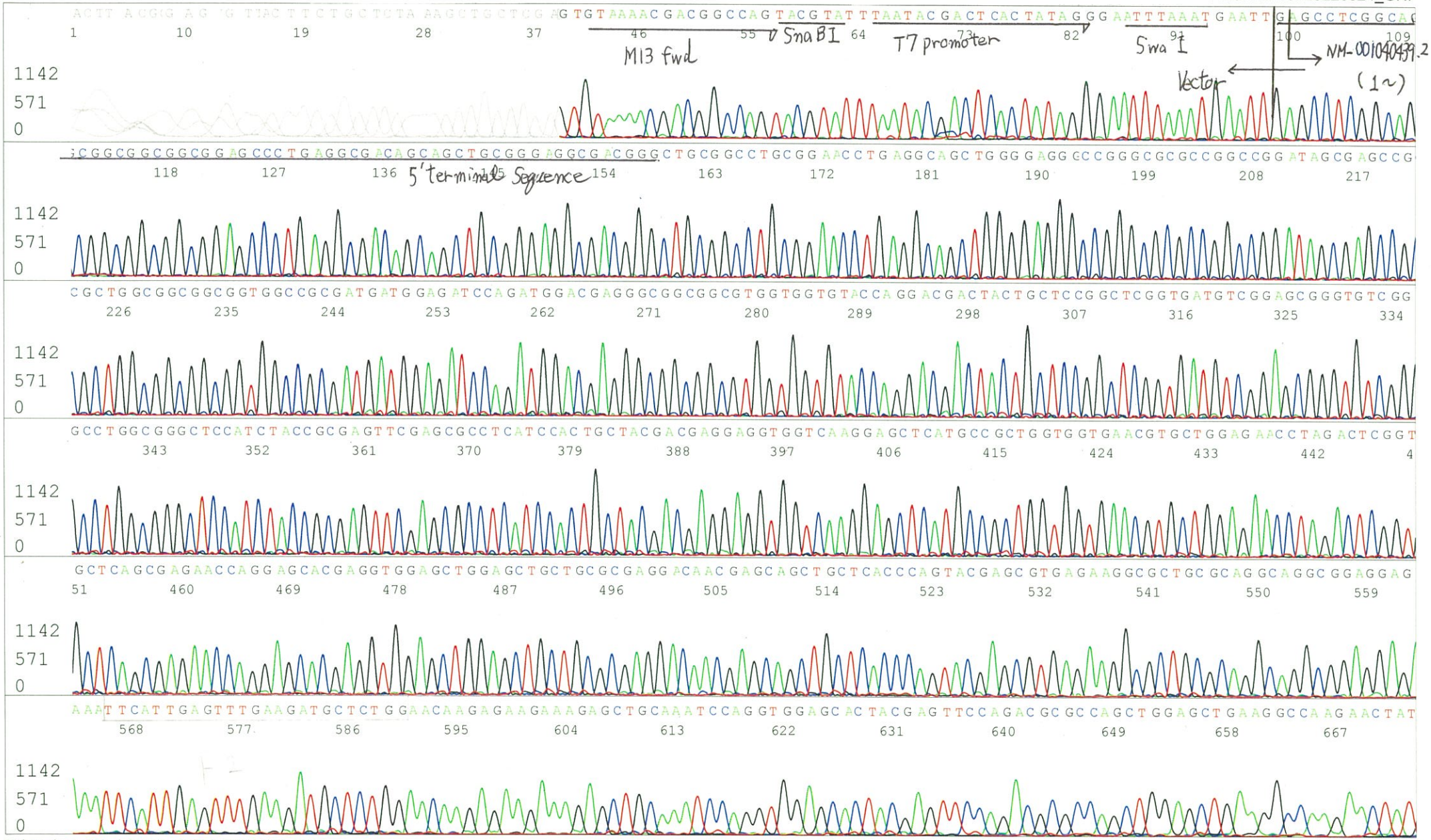
Primer A : pGCAP-F

5' CTCAGTGGATGTTGCCTTTAC 3'

7677_RBd17B03_B2Hf_pGCAP_F_B02_05_ABI24
7677_RBd17B03_B2Hf_pGCAP_F
KB_3500_POP7_BDTv3.mob
Pts 1682 to 12258 Pk1 Loc:1665
Version 6.0 HiSQV Bases: 787

Gray line indicates quality value (QV) < 40.

Inst Model/Name 3500/3500 Instrument
Aug 24,2022 09:40AM, JST
Aug 24,2022 10:01AM, JST
Spacing:13.23 Pts/Panel1350
Plate Name: 20220824_GNP



Applied Biosystems

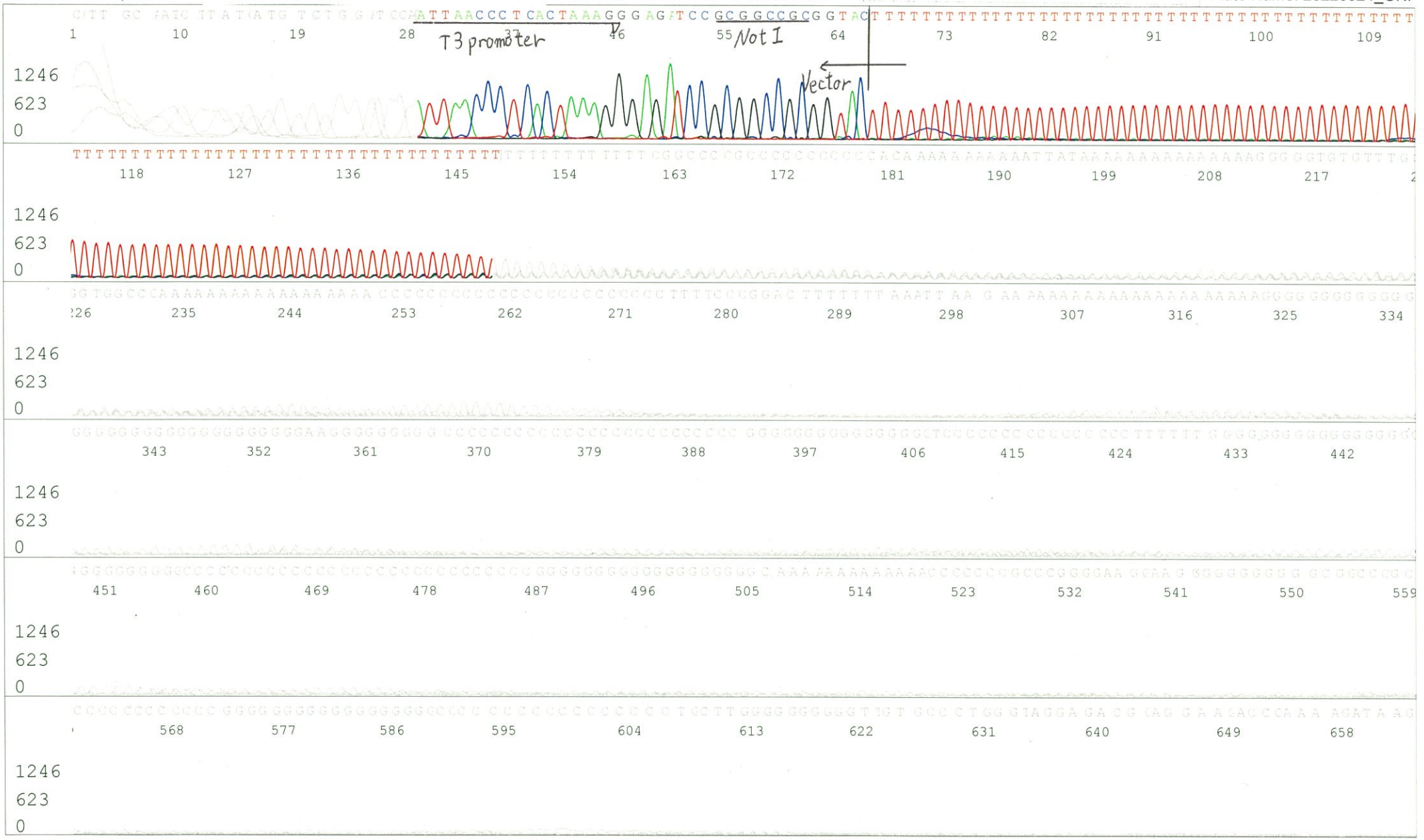
S/N G:60 A:59 T:70 C:57
KB.bcp
KB 1.4.1.8 Cap:8

Primer B : pGCAP-R
5' GCATTCTAGTTGTGGTTTGTCC 3'

7677_RBd17B03_B2Hf_pGCAP_R_C02_08_ABI24
7677_RBd17B03_B2Hf_pGCAP_R
KB_3500_POP7_BDTv3.mob
Pts 1690 to 12450 Pk1 Loc:1673
Version 6.0 HiSQV Bases: 136

Gray line indicates quality value (QV) < 40.

Inst Model/Name 3500/3500 Instrument
Aug 24,2022 09:40AM, JST
Aug 24,2022 10:01AM, JST
Spacing:13.57 Pts/Panel1350
Plate Name: 20220824_GNP



Applied Biosystems

S/N G:167 A:121 T:84 C:172
KB.bcp
KB 1.4.1.8 Cap:11

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

7677_RBd17B03_B2Hf_GNPmixture_D02_11_ABI24
7677_RBd17B03_B2Hf_GNPmixture
KB_3500_POP7_BDTv3.mob
Pts 1688 to 12202 Pk1 Loc:1671
Version 6.0 HiSQV Bases: 752

Gray line indicates quality value (QV) < 40.

Inst Model/Name 3500/3500 Instrument
Aug 24,2022 09:40AM, JST
Aug 24,2022 10:01AM, JST
Spacing:13.23 Pts/Panel1350
Plate Name: 20220824_GNP

