NRCD Human Full-Length cDNA Clone

Gene Engineering Division
RIKEN BioResource Research Center

RIKEN Clone ID : ARi33D07

Lot# : 7675_B0Ia

Vector : pGCAP10

Gene	PTGR1	
RefSeq_mRNA	NM_012212.3	1249 bp

● Plasmid DNA purification

Date : 20.09.10 Culture : LB (100 ug/ml Ampicillin) 5 ml -> at 37 deg C O/N

Date : 20.09.11 Purification : QIAGEN Miniprep kit -> dH_2O 100 ul

● Digestion by restriction enzyme/Concentrarion calibration

Date : 20.09.11

DNA concentration (O.D.): 79 ng/ul

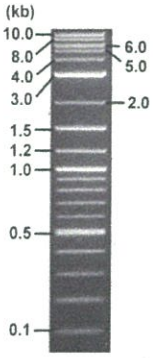
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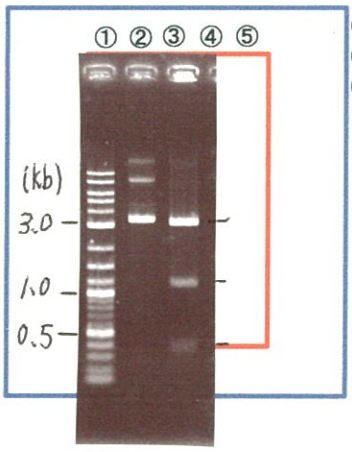
DNA	1.2 ul
Enzyme (BamHI)	1 ul
Buffer H	1 ul
dH_2O	6.8 ul
Total	10 ul

BamHI 3.1kb (vector), 1.0, 0.4 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 : 20.09.15

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 : 20.09.18

DNA (79 ng/ul)	76.0 ul
10x TE	24.0 ul
dH_2O	140.1 ul
Total	240.1 ul

● Shipping

☑ Conc. : 25 ng/μl, Volume : 40 μl

☐ ~~Conc. : ng/μl, Volume : μl~~

APPROVED BY :



Applied Biosystems

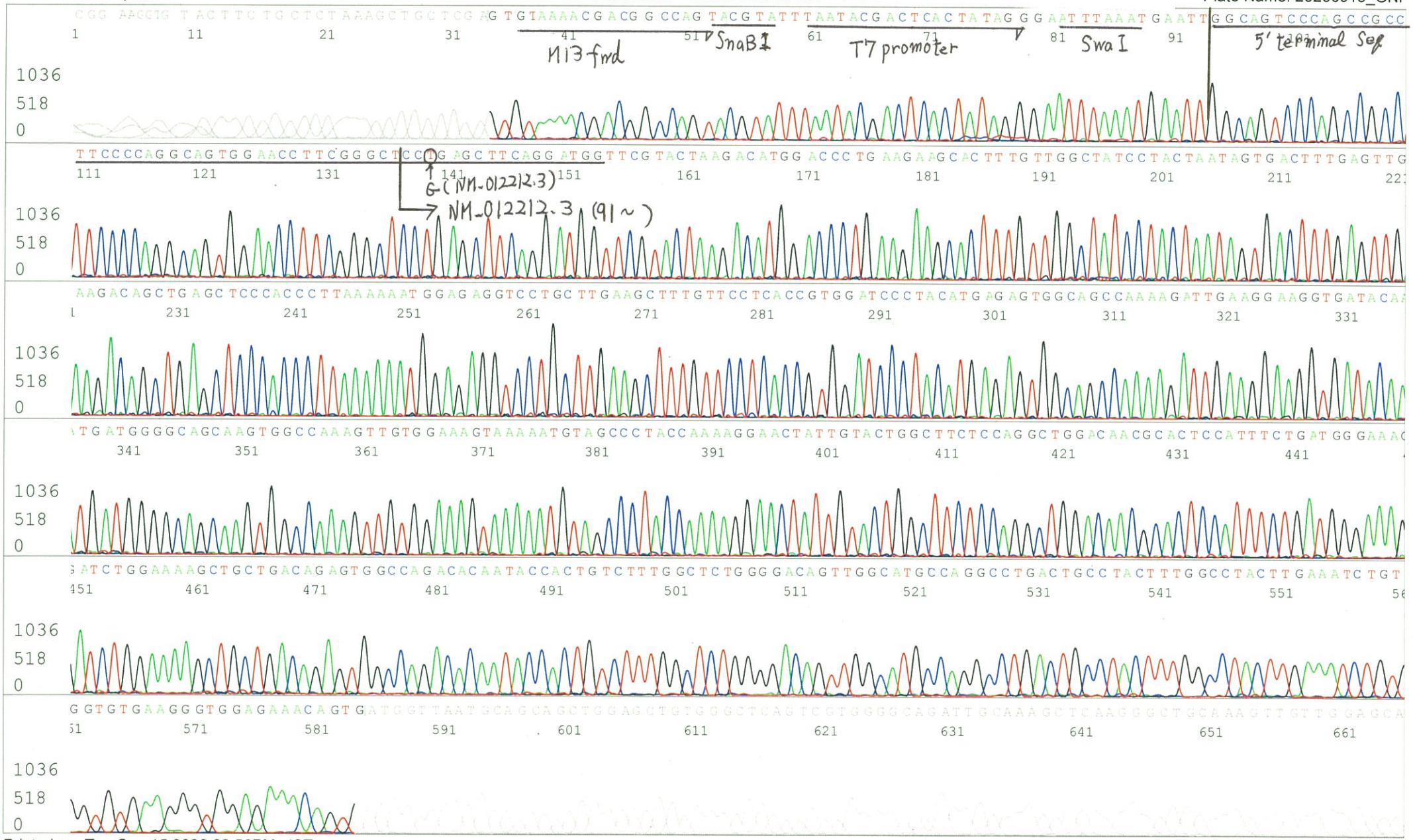
S/N G:240 A:240 T:125 C:149
KB.bcp
KB 1.4.1.8 Cap:5

Primer A : pGCAP-F
5' CTCAGTGGATGTTGCCTTTAC 3'

7675_ARi33D07_B0la_pGCAP_F_E01_05_ABI08
7675_ARi33D07_B0la_pGCAP_F
KB_3500_POP7_BDTv3.mob
Pts 1842 to 8704 Pk1 Loc:1810
Version 6.0 HiSQV Bases: 665

Gray line indicates quality value (QV) < 40.

Inst Model/Name 3500/3500 Instrument
Sep 15,2020 01:43PM, JST
Sep 15,2020 02:13PM, JST
Spacing:10.46 Pts/Panel1350
Plate Name: 20200915_GNP



Applied Biosystems

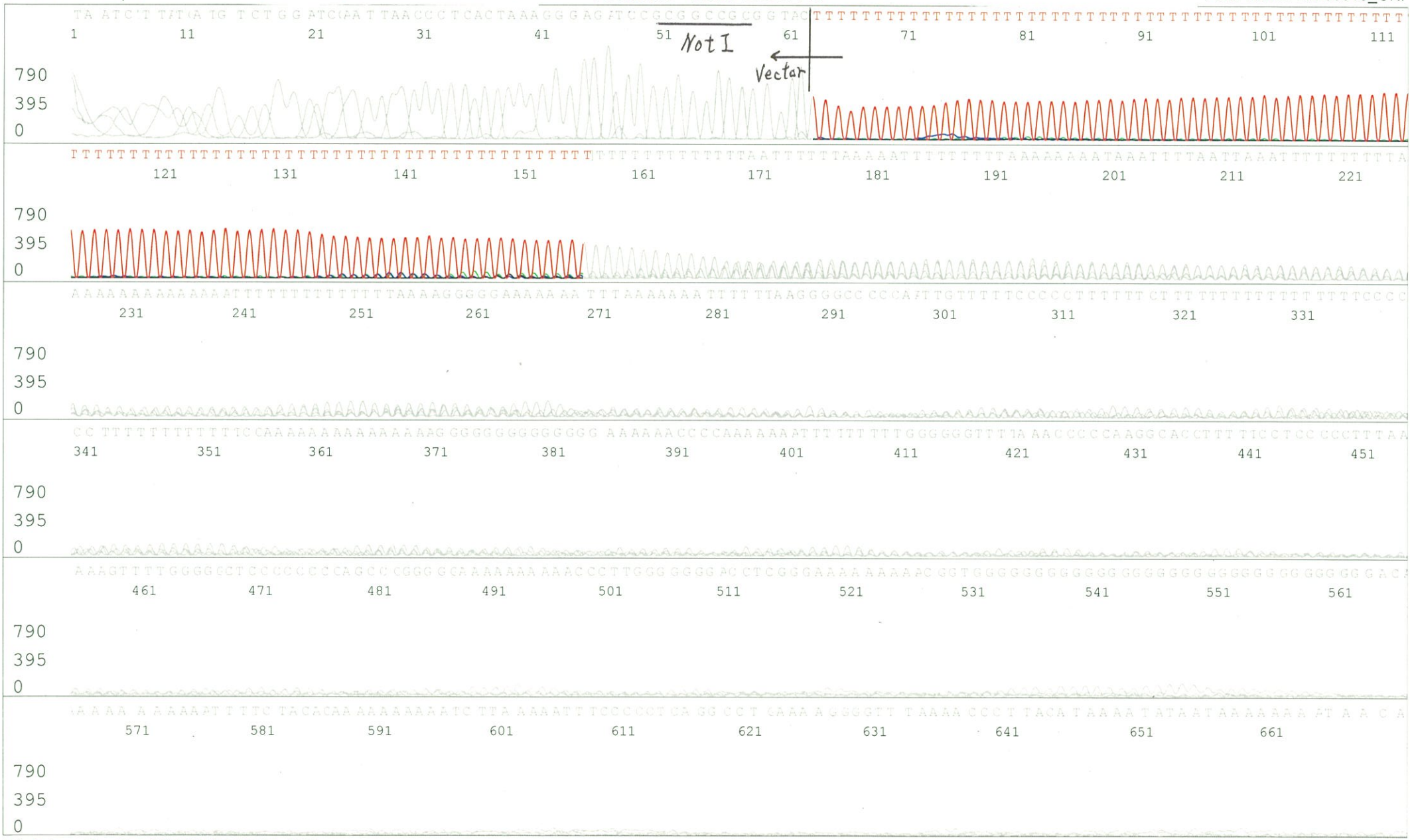
S/N G:42 A:65 T:74 C:40
KB.bcp
KB 1.4.1.8 Cap:6

Primer B : pGCAP-R
5' GCATTCTAGTTGTGGTTTGTCC 3'

7675_ARi33D07_B0la_pGCAP_R_F01_06_ABI08
7675_ARi33D07_B0la_pGCAP_R
KB_3500_POP7_BDTv3.mob
Pts 1834 to 8704 Pk1 Loc:1802
Version 6.0 HiSQV Bases: 146

Gray line indicates quality value (QV) < 40.

Inst Model/Name 3500/3500 Instrument
Sep 15,2020 01:43PM, JST
Sep 15,2020 02:13PM, JST
Spacing:10.7 Pts/Panel1350
Plate Name: 20200915_GNP



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S/N G:76 A:107 T:76 C:84
KB.bcp
KB 1.4.1.8 Cap:7

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

7675_ARi33D07_B0la_GNP Mixture_G01_07_ABI08
7675_ARi33D07_B0la_GNP Mixture
KB_3500_POP7_BDTv3.mob
Pts 1837 to 8704 Pk1 Loc:1805
Version 6.0 HiSQV Bases: 674

Gray line indicates quality value (QV) < 40.

Inst Model/Name 3500/3500 Instrument
Sep 15,2020 01:43PM, JST
Sep 15,2020 02:13PM, JST
Spacing:10.52 Pts/Panel1350
Plate Name: 20200915_GNP

