NRCD Human Full-Length cDNA Clone

Gene Engineering Division
RIKEN BioResource Research Center

RIKEN_Clone_ID : RBdS187I15

Lot# : 6608_B2Ca

Vector : pGCAP10

Gene	LOC100131604	
RefSeq_mRNA	XM_001720110.1	704 bp

● Plasmid DNA purification

Date : 22.03.09 Culture : LB (100 ug/ml Ampicillin) 5 ml -> at 37 deg C O/N

Date : 22.03.10 Purification : QIAGEN Miniprep kit -> dH_2O 100 ul

● Digestion by restriction enzyme/Concentrarion calibration

Date : 22.03.10

DNA concentration (O.D.): 305 ng/ul

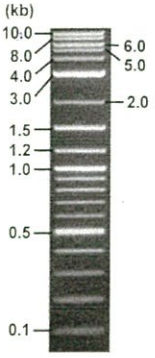
DNA	0.3 ul
Enzyme (BamHI)	1 ul
Buffer H	1 ul
dH_2O	7.7 ul
Total	10 ul

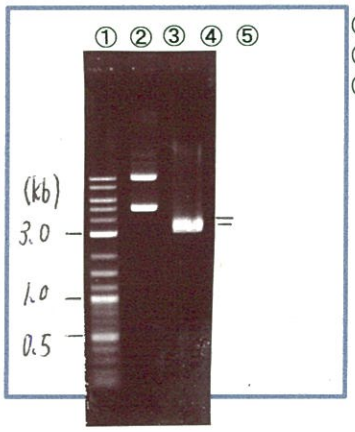
< Size of fragment expected from this clone >

BamHI 3.1kb (vector), 0.8 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 : 22.05.17

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 : 22.05.26

DNA (305 ng/ul)	78.0 ul
10x TE	95.1 ul
dH_2O	778.5 ul
Total	951.6 ul

● Shipping

☑ Conc. : 25 ng/μl, Volume : 40 μl

☐ ~~Conc. : ng/μl, Volume : μl~~

APPROVED BY :

確認 DNA 22.5.17 世沼

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

Applied Biosystems

S/N G:592 A:580 T:342 C:668
KB.bcp
KB 1.4.1.8 Cap:14

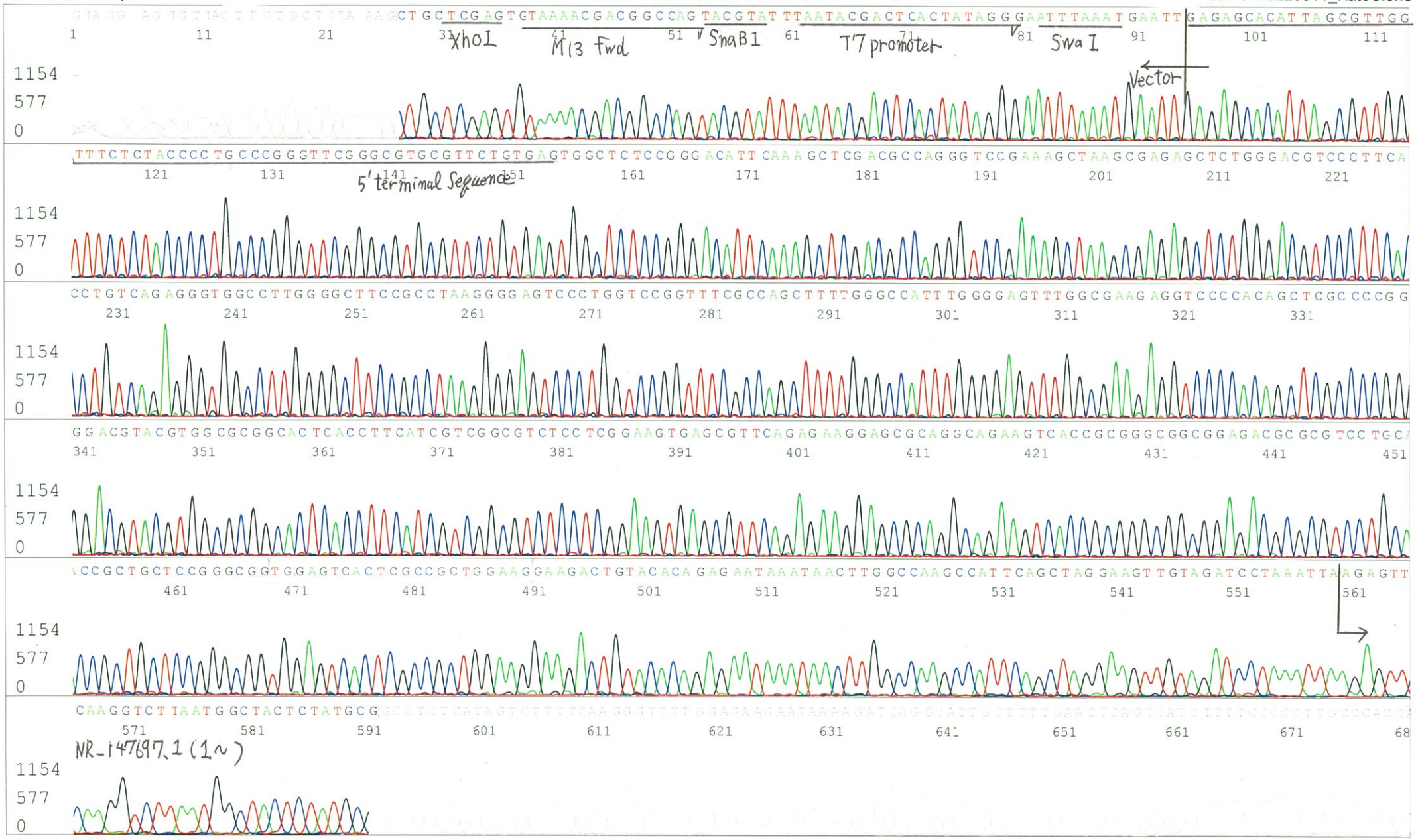
Primer A : pGCAP-F

5' CTCAGTGGATGTTGCCTTTAC 3'

6608_RBdS187I15_B2Ca_pGCAP_F_E02_14_ABI24
6608_RBdS187I15_B2Ca_pGCAP_F
KB_3500_POP7_BDTv3.mob
Pts 1695 to 8707 Pk1 Loc:1663
Version 6.0 HiSQV Bases: 663

Gray line indicates quality value (QV) < 40.

Inst Model/Name 3500/3500 Instrument
Mar 11,2022 10:53AM, JST
Mar 11,2022 11:08AM, JST
Spacing:10.95 Pts/Panel1350
Name: 20220311_KatoClone



Applied Biosystems

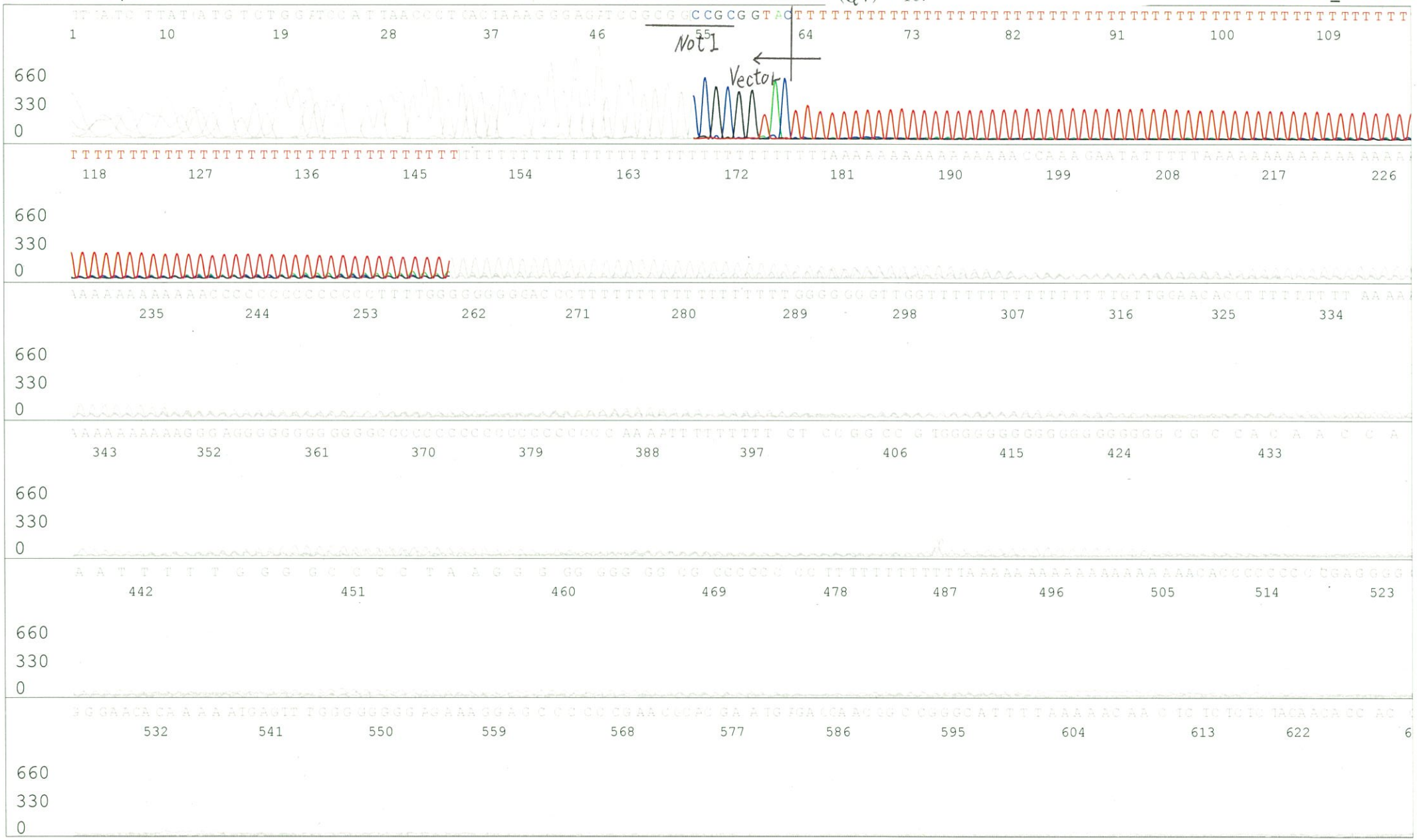
S/N G:59 A:64 T:101 C:64
KB.bcp
KB 1.4.1.8 Cap:17

Primer B : pGCAP-R
5' GCATTCTAGTTGTGGTTTGTCC 3'

6608_RBdS187I15_B2Ca_pGCAP_R_F02_17_ABI24
6608_RBdS187I15_B2Ca_pGCAP_R
KB_3500_POP7_BDTv3.mob
Pts 1694 to 8707 Pk1 Loc:1662
Version 6.0 HiSQV Bases: 166

Gray line indicates quality value (QV) < 40.

Inst Model/Name 3500/3500 Instrument
Mar 11,2022 10:53AM, JST
Mar 11,2022 11:08AM, JST
Spacing:11.17 Pts/Panel1350
Plate Name: 20220311_KatoClone



Applied Biosystems

S/N G:50 A:33 T:21 C:25
KB.bcp
KB 1.4.1.8 Cap:20

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

6608_RBdS187I15_B2Ca_GNP Mixture_G02_20_ABI24
6608_RBdS187I15_B2Ca_GNP Mixture
KB_3500_POP7_BDTv3.mob
Pts 1690 to 8707 Pk1 Loc:1658
Version 6.0 HiSQV Bases: 652

Gray line indicates quality value (QV) < 40.

Inst Model/Name 3500/3500 Instrument
Mar 11,2022 10:53AM, JST
Mar 11,2022 11:08AM, JST
Spacing:11.01 Pts/Panel1350
ate Name: 20220311_KatoClone

