NRCD Human Full-Length cDNA Clone

Gene Engineering Division
RIKEN BioResource Center

Lot# : 7677_A8B9

RIKEN_Clone_ID : RBd17H05

Vector : pGCAP10

Gene	EYS	
Accession No.	AB593112	1524 bp

● Plasmid DNA purification

Date : 180213 Culture : LB (100 ug/ml Ampicillin) 5 ml -> at 37 deg C O/N

Date : 180215 Purification : QIAGEN Miniprep kit -> dH_2O 100 ul

● Digestion by restriction enzyme/Concentrarion calibration

Date : 180215

DNA concentration (O.D.): 53 ng/ul

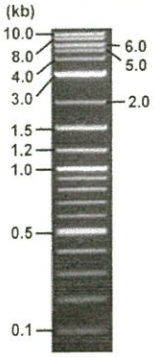
DNA	1.8 ul
Enzyme (BamHI)	1 ul
Buffer H	1 ul
dH_2O	6.2 ul
Total	10 ul

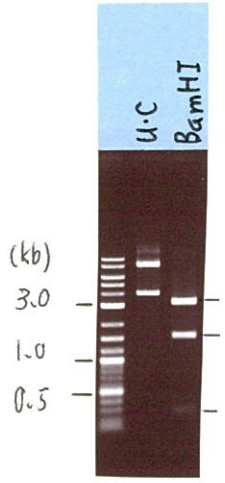
< Size of fragment expected from this clone >

BamHI 3.1kb (vector), 1.5, 0.3 kb

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

Marker : 2-Log DNA Ladder (NEB#N3200L)





● Confirmation of the insertion sequence

Date : 180221

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 : 180301

DNA (53 ng/ul)	75.0 ul
10x TE	15.9 ul
dH_2O	68.1 ul
Total	159.0 ul

● Shipping

☑ Conc. : 25 ng/μl, Volume : 40 μl

☐ ~~Conc. : ng/μl, Volume : μl~~

APPROVED BY :

確認 18.2.28 世沼

Applied Biosystems

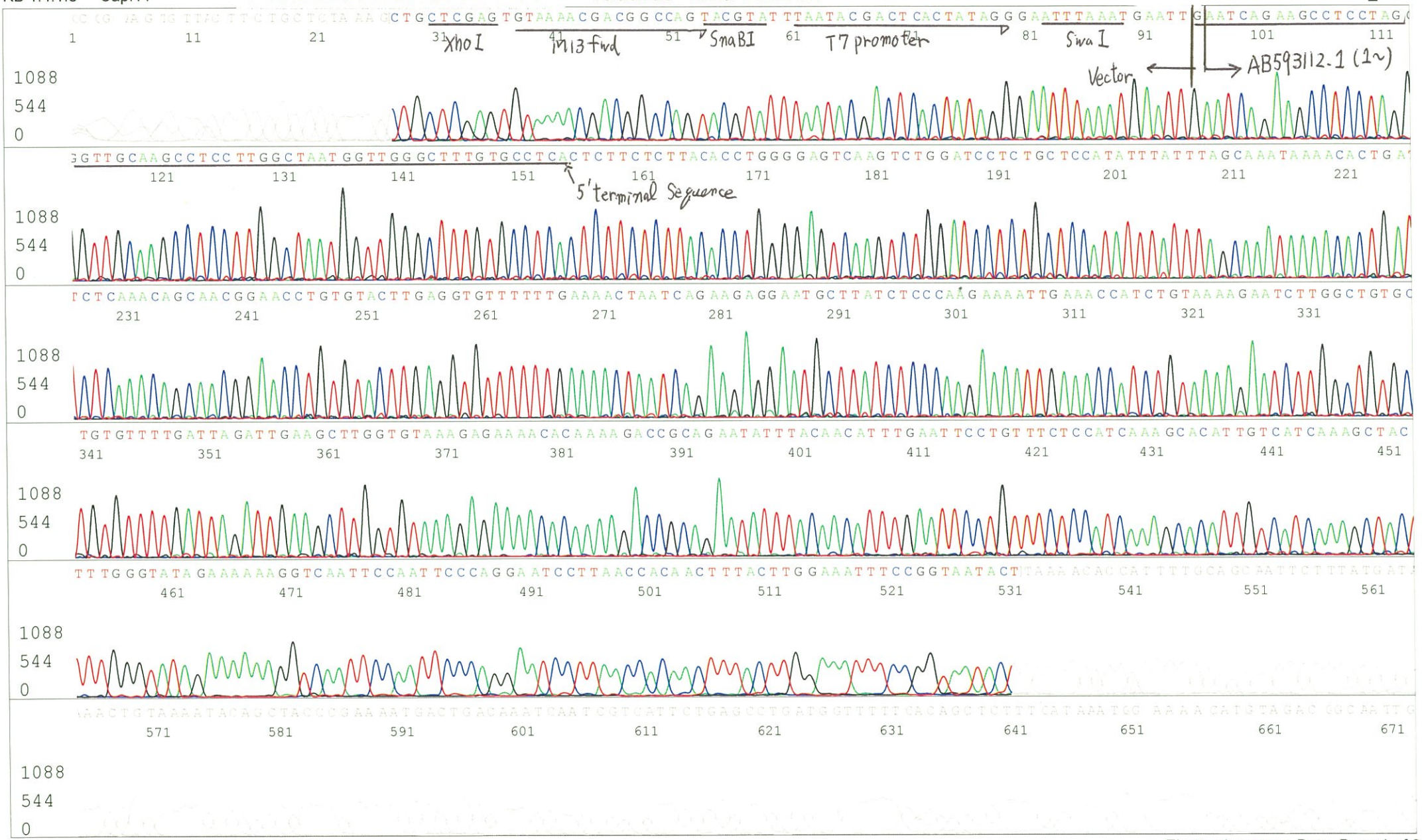
7677_RBd17H05_A8B9_pGCAP_F_D05_11_ABI24
7677_RBd17H05_A8B9_pGCAP_F
KB_3500_POP7_BDTv3.mob
Pts 1707 to 8644 Pk1 Loc:1675
Version 6.0 HiSQV Bases: 667

Inst Model/Name 3500/3500 Instrument
Feb 21,2018 06:24PM, JST
Feb 21,2018 06:41PM, JST
Spacing:10.55 Pts/Panel1350
Plate Name: 20180221_GNP

S/N G:118 A:174 T:166 C:197
KB.bcp
KB 1.4.1.8 Cap:11

Primer A : pGCAP-F
5' CTCAGTGGATGTTGCCTTTAC 3'

Gray line indicates quality value (QV) < 40.



Applied Biosystems

S/N G:56 A:84 T:117 C:85
KB.bcp
KB 1.4.1.8 Cap:14

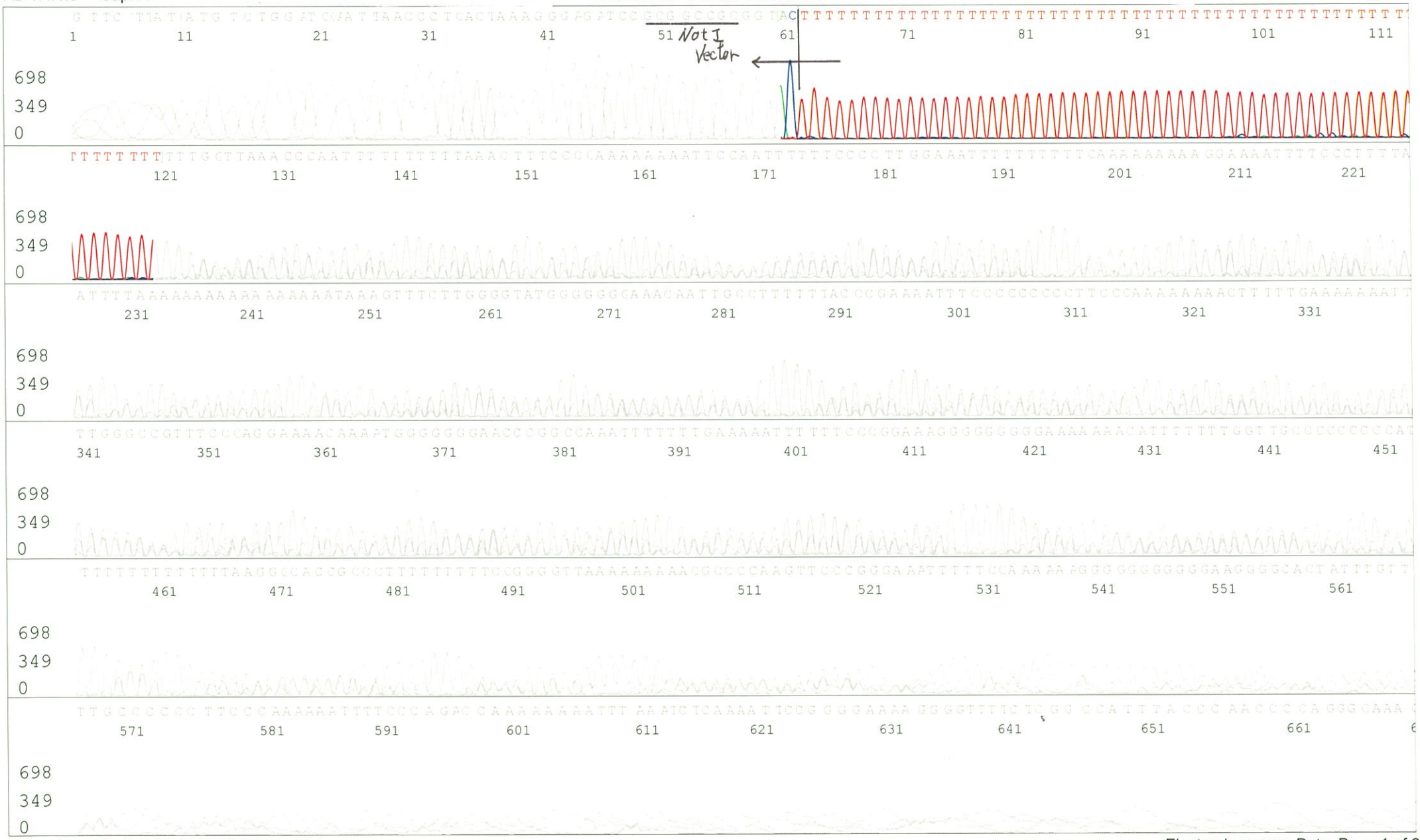
Primer B : pGCAP-R

5' GCATTCTAGTTGTGGTTTGTCC 3'

7677_RBd17H05_A8B9_pGCAP_R_E05_14_ABI24
7677_RBd17H05_A8B9_pGCAP_R
KB_3500_POP7_BDTv3.mob
Pts 1687 to 8422 Pk1 Loc:1655
Version 6.0 HiSQV Bases: 231

Gray line indicates quality value (QV) < 40.

Inst Model/Name 3500/3500 Instrument
Feb 21,2018 06:24PM, JST
Feb 21,2018 06:41PM, JST
Spacing:10.23 Pts/Panel1350
Plate Name: 20180221_GNP



Applied Biosystems

S/N G:49 A:77 T:92 C:73
KB.bcp
KB 1.4.1.8 Cap:17

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

7677_RBd17H05_A8B9_GNPmixture_F05_17_ABI24
7677_RBd17H05_A8B9_GNPmixture
KB_3500_POP7_BDTv3.mob
Pts 1688 to 8393 Pk1 Loc:1656
Version 6.0 HiSQV Bases: 714

Gray line indicates quality value (QV) < 40.

Inst Model/Name 3500/3500 Instrument
Feb 21,2018 06:24PM, JST
Feb 21,2018 06:41PM, JST
Spacing:10.24 Pts/Panel1350
Plate Name: 20180221_GNP

