NRCD Human Full-Length cDNA Clone

Gene Engineering Division
RIKEN BioResource Research Center

Lot# : 7677_B2Cs

RIKEN_Clone_ID : RBd96E07

Vector : pGCAP10

Gene	ZNF710	
RefSeq_mRNA	NM_198526.4	4676 bp

● Plasmid DNA purification

Date : 22.03.28 Culture : LB (100 ug/ml Ampicillin) 5 ml -> at 37 deg C O/N

Date : 22.03.30 Purification : QIAGEN Miniprep kit -> dH_2O 100 ul

● Digestion by restriction enzyme/Concentrarion calibration

Date : 22.03.30

DNA concentration (O.D.): 306 ng/ul

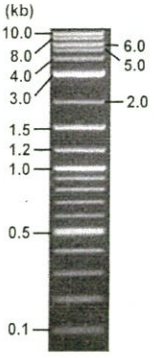
DNA	0.3 ul
Enzyme (BamHI)	1 ul
Buffer H	1 ul
dH_2O	7.7 ul
Total	10 ul

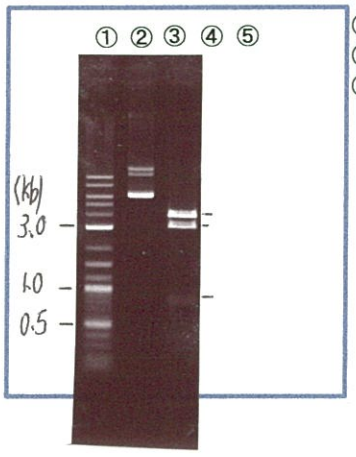
< Size of fragment expected from this clone >

BamHI 3.1kb (vector), 4.1, 0.7 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 : 22.06.08

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 : 22.06.10

DNA (306 ng/ul)	70.0	ul
10x TE	85.6	ul
dH_2O	701.2	ul
Total	856.8	ul

● Shipping

☑ Conc. : 25 ng/μl, Volume : 40 μl

☐ ~~Conc. : ng/μl, Volume : μl~~

APPROVED BY :

確認 22.6.08 笹沼

Applied Biosystems

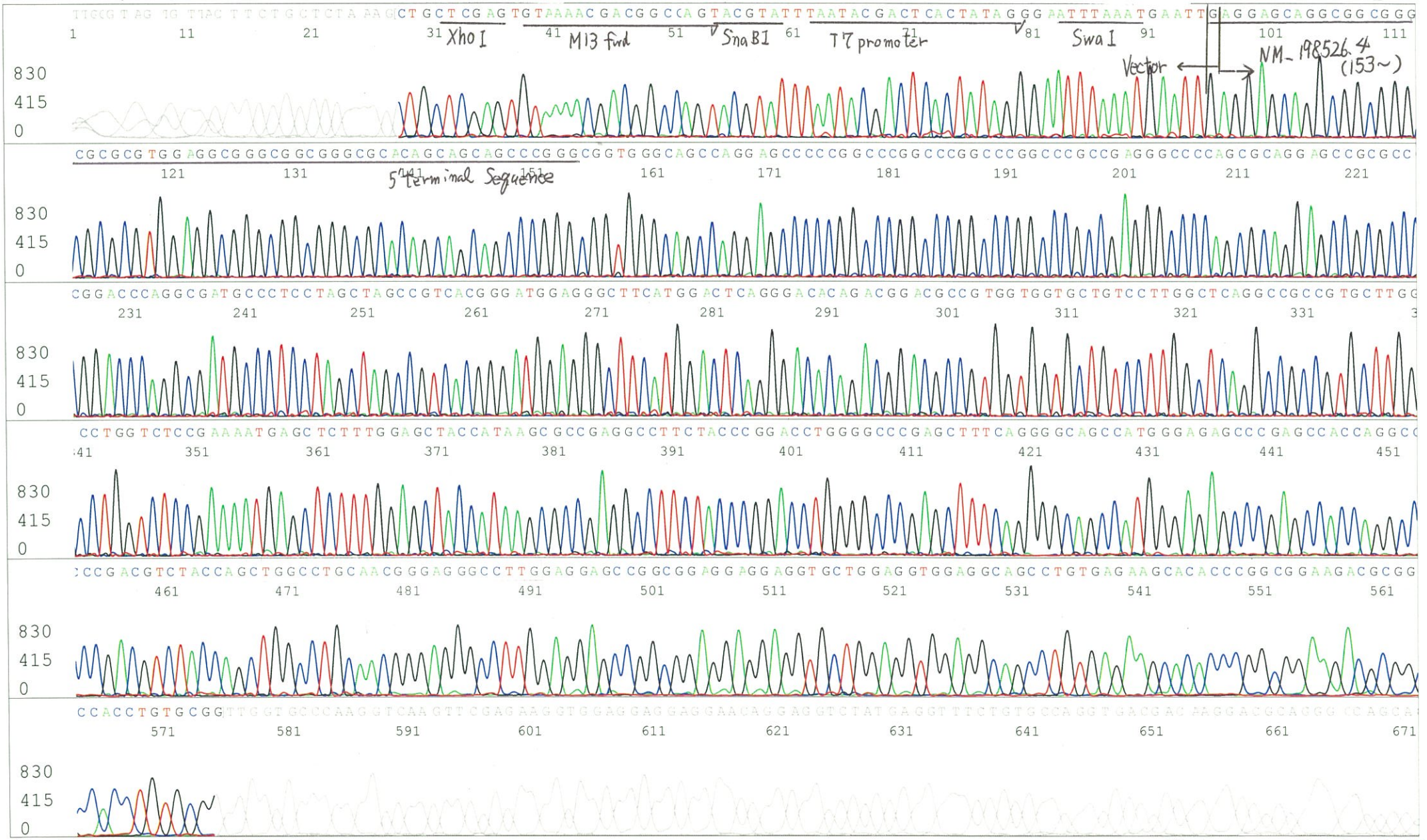
S/N G:600 A:535 T:251 C:725
KB.bcp
KB 1.4.1.8 Cap:19

Primer A : pGCAP-F
5' CTCAGTGGATGTTGCCTTTAC 3'

7677_RBd96E07_B2Cs_pGCAP_F_G04_19_ABI24
7677_RBd96E07_B2Cs_pGCAP_F
KB_3500_POP7_BDTv3.mob
Pts 1708 to 8706 Pk1 Loc:1676
Version 6.0 HiSQV Bases: 648

Gray line indicates quality value (QV) < 40.

Inst Model/Name 3500/3500 Instrument
Mar 31,2022 10:20AM, JST
Mar 31,2022 10:37AM, JST
Spacing:10.75 Pts/Panel1350
Plate Name: 20220331_MGE



Applied Biosystems

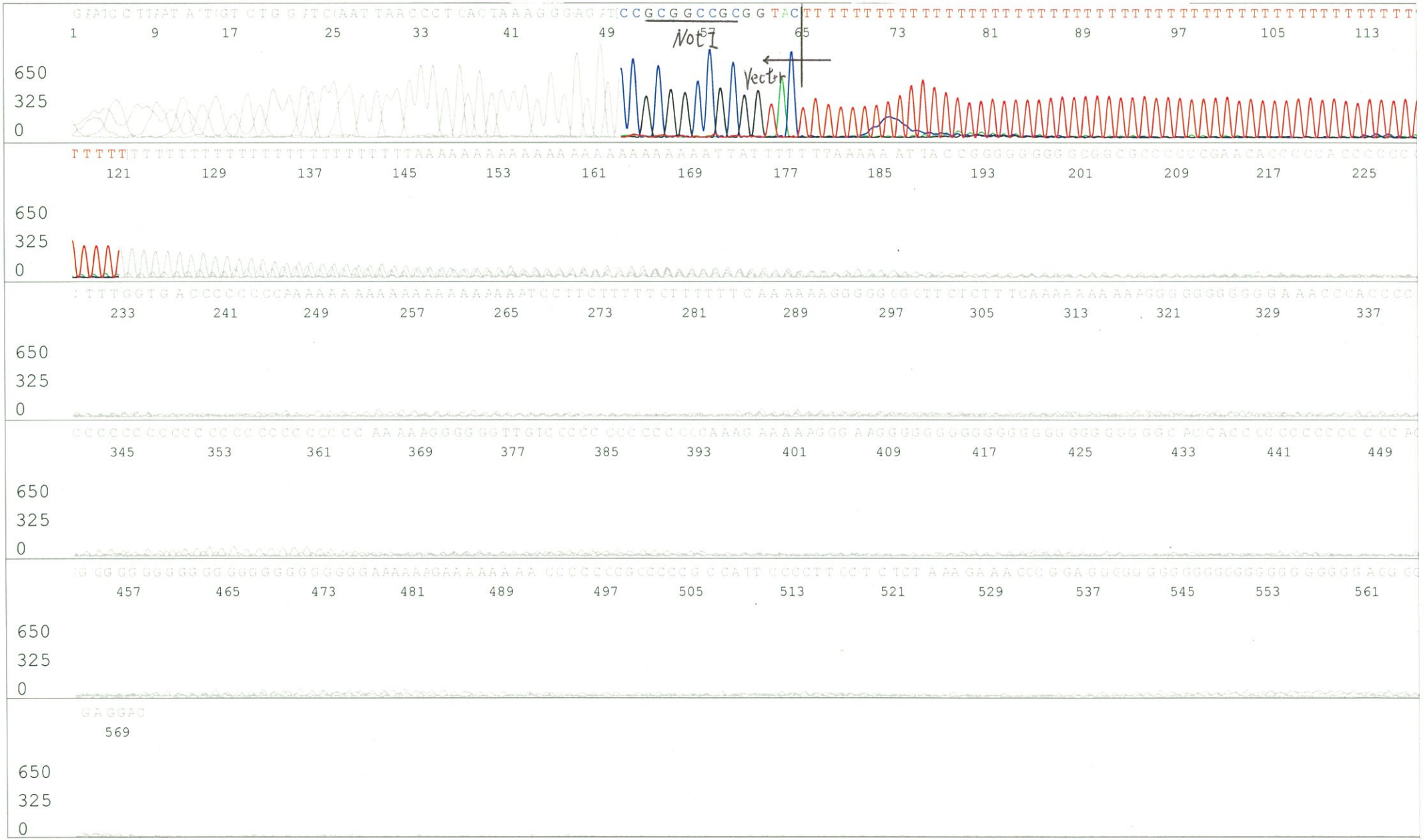
S/N G:13 A:20 T:27 C:18
KB.bcp
KB 1.4.1.8 Cap:22

Primer B : pGCAP-R
5' GCATTCTAGTTGTGGTTTGTCC 3'

7677_RBd96E07_B2Cs_pGCAP_R_H04_22_ABI24
7677_RBd96E07_B2Cs_pGCAP_R
KB_3500_POP7_BDTv3.mob
Pts 1708 to 8706 Pk1 Loc:1676
Version 6.0 HiSQV Bases: 90

Gray line indicates quality value (QV) < 40.

Inst Model/Name 3500/3500 Instrument
Mar 31,2022 10:20AM, JST
Mar 31,2022 10:37AM, JST
Spacing:11.15 Pts/Panel1350
Plate Name: 20220331_MGE



Applied Biosystems

S/N G:31 A:23 T:14 C:18
KB.bcp
KB 1.4.1.8 Cap:2

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

7677_RBd96E07_B2Cs_GNP Mixture_A05_02_ABI24
7677_RBd96E07_B2Cs_GNP Mixture
KB_3500_POP7_BDTv3.mob
Pts 1819 to 8706 Pk1 Loc:1787
Version 6.0 HiSQV Bases: 263

Gray line indicates quality value (QV) < 40.

Inst Model/Name 3500/3500 Instrument
Mar 31,2022 10:20AM, JST
Mar 31,2022 10:37AM, JST
Spacing:12.21 Pts/Panel1350
Plate Name: 20220331_MGE

