NRCD Human Full-Length cDNA Clone

Gene Engineering Division
RIKEN BioResource Research Center

RIKEN_Clone_ID : RBd64A01
Vector : pGCAP10

Lot# : 7677_B2LI

Gene	NAT8L	
RefSeq_mRNA	NM_178557.4	6056 bp

● Plasmid DNA purification

Date : 22.12.22 Culture : LB (100 ug/ml Ampicillin) 5 ml -> at 37 deg C O/N

Date : 22.12.23 Purification : QIAGEN Miniprep kit -> dH_2O 100 ul

● Digestion by restriction enzyme/Concentrarion calibration

Date : 22.12.23

DNA concentration (O.D.): 322 ng/ul

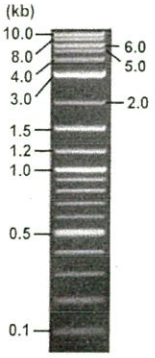
DNA	0.3 ul
Enzyme (BamHI)	1 ul
Buffer H	1 ul
dH_2O	7.7 ul
Total	10 ul

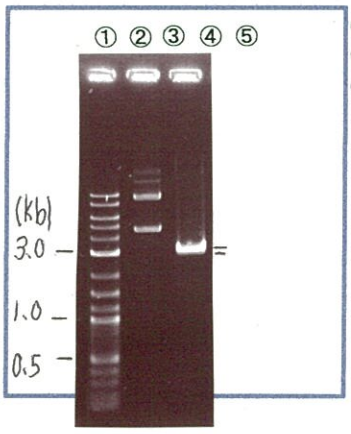
< Size of fragment expected from this clone >

BamHI 3.1kb (vector), 5.1, 1.2 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 :23.03.27

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 :23.03.30

DNA (322 ng/ul)	80.0 ul
10x TE	103.0 ul
dH_2O	847.4 ul
Total	1030.4 ul

● Shipping

☑ Conc. : 25 ng/μl, Volume : 40 μl

☐ ~~Conc. : ng/μl, Volume : μl~~

APPROVED BY :

確認 23.3.30 笹沼

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

Applied Biosystems

S/N G:206 A:112 T:67 C:235
KB.bcp
KB 1.4.1.8 Cap:23

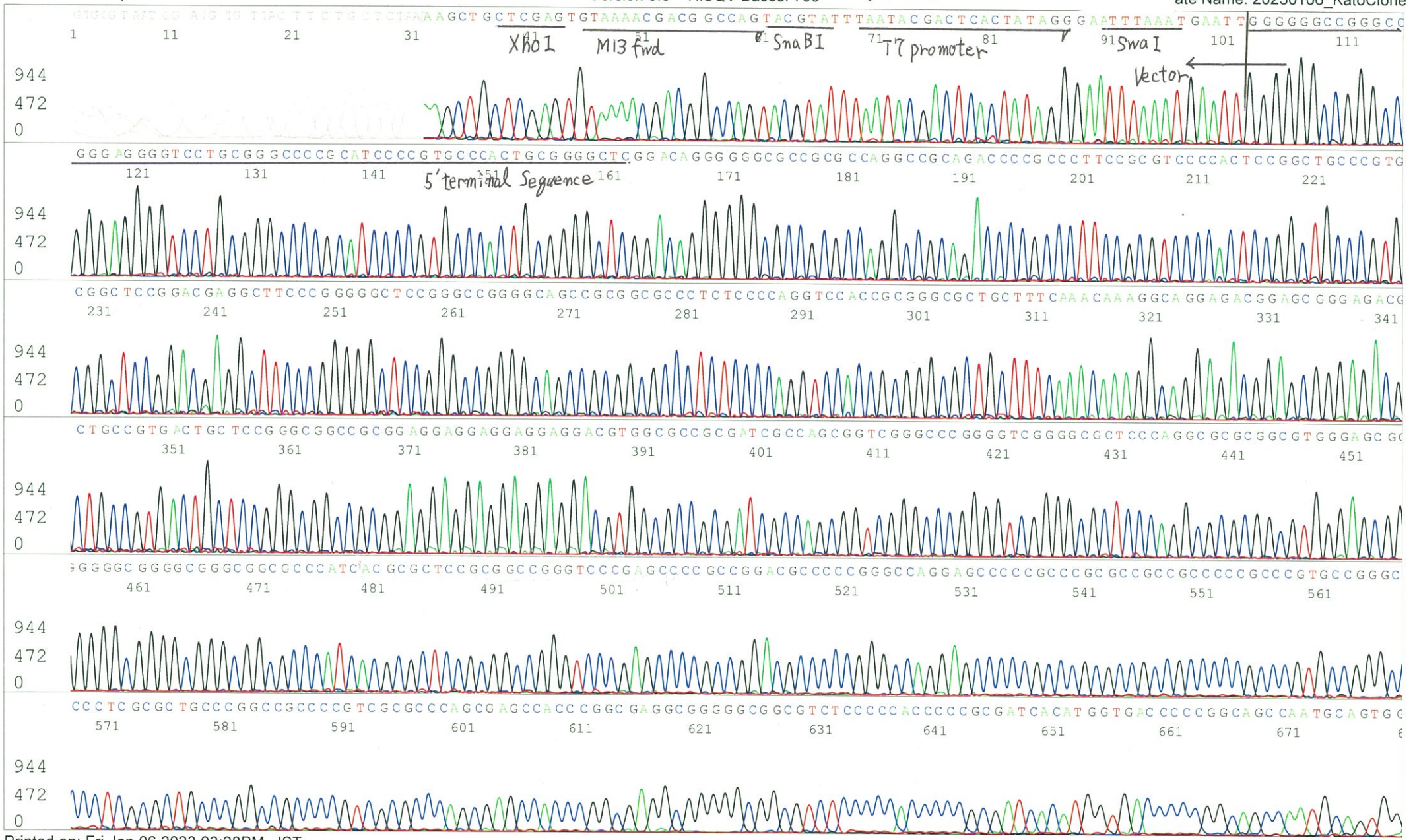
Primer A : pGCAP-F

5' CTCAGTGGATGTTGCCTTTAC 3'

7677_RBd64A01_B2LI_pGCAP_F_H02_23_ABI24
7677_RBd64A01_B2LI_pGCAP_F
KB_3500_POP7_BDTv3.mob
Pts 1453 to 11940 Pk1 Loc:1436
Version 6.0 HiSQV Bases: 799

Gray line indicates quality value (QV) < 40.

Inst Model/Name 3500/3500 Instrument
Jan 06,2023 02:19PM, JST
Jan 06,2023 02:40PM, JST
Spacing:13.32 Pts/Panel1350
ate Name: 20230106_KatoClone

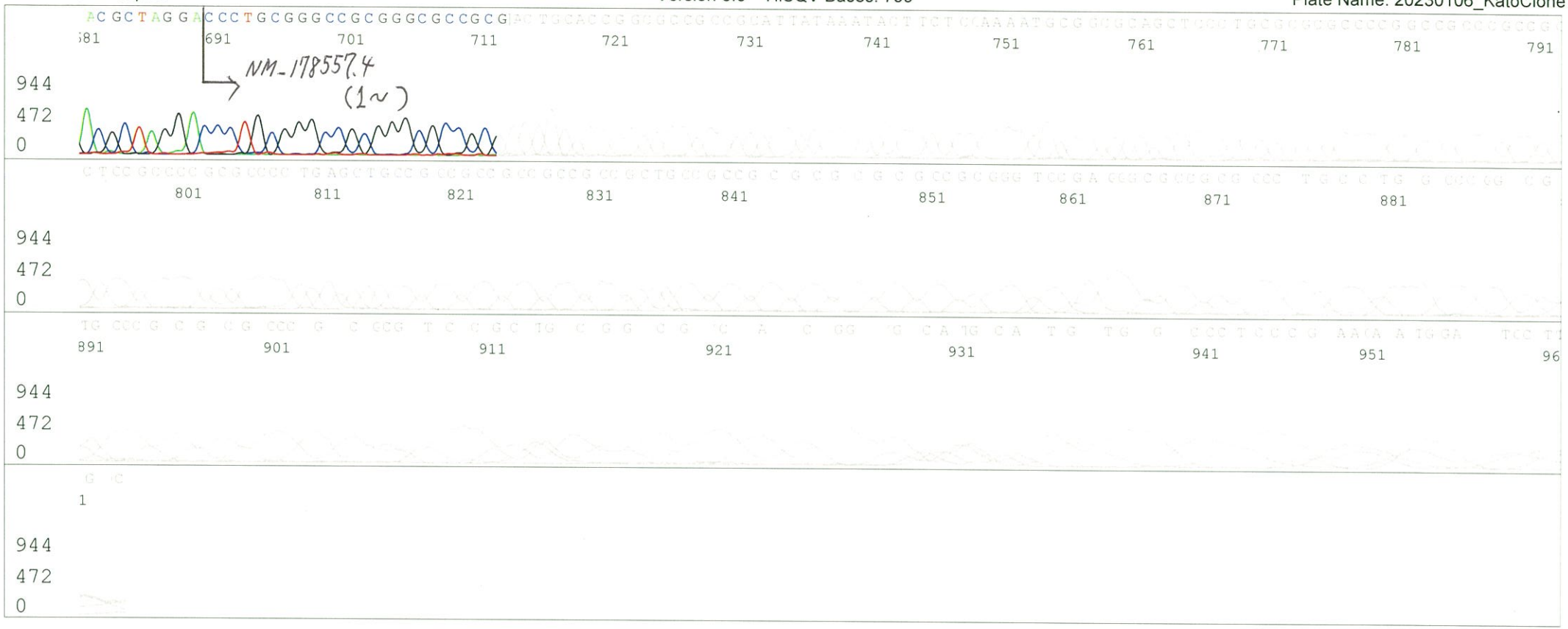


Applied Biosystems

S/N G:206 A:112 T:67 C:235
KB.bcp
KB 1.4.1.8 Cap:23

7677_RBd64A01_B2LI_pGCAP_F_H02_23_ABI24
7677_RBd64A01_B2LI_pGCAP_F
KB_3500_POP7_BDTv3.mob
Pts 1453 to 11940 Pk1 Loc:1436
Version 6.0 HiSQV Bases: 799

Inst Model/Name 3500/3500 Instrument
Jan 06,2023 02:19PM, JST
Jan 06,2023 02:40PM, JST
Spacing:13.32 Pts/Panel1350
Plate Name: 20230106_KatoClone



Applied Biosystems

S/N G:112 A:97 T:44 C:106
KB.bcp
KB 1.4.1.8 Cap:6

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

7677_RBd64A01_B2LI_GNPmixture_B03_06_ABI24
7677_RBd64A01_B2LI_GNPmixture
KB_3500_POP7_BDTv3.mob
Pts 1441 to 11725 Pk1 Loc:1424
Version 6.0 HiSQV Bases: 789

Gray line indicates quality value (QV) < 40.

Inst Model/Name 3500/3500 Instrument
Jan 06,2023 02:19PM, JST
Jan 06,2023 02:40PM, JST
Spacing:13.06 Pts/Panel1350
Plate Name: 20230106_KatoClone

