NRCD Human Full-Length cDNA Clone

Gene Engineering Division
RIKEN BioResource Research Center

Lot# : 7672_A9Ci

RIKEN Clone ID : ARe41G04

Vector : pKA1U5

Gene	NSFL1C	
RefSeq_mRNA	NM_016143.4	3568 bp

● Plasmid DNA purification

Date : 190318

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

Date : 190320

Purification : QIAGEN Miniprep kit -> dH_2O 100 ul

● Digestion by restriction enzyme/Concentrarion calibration

Date : 190320

DNA concentration (O.D.): 172 ng/ul

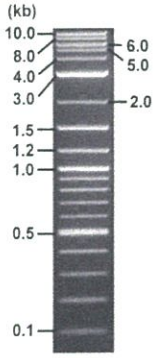
DNA	0.6 ul
Enzyme (BamHI)	1 ul
Buffer H	1 ul
dH_2O	7.4 ul
Total	10 ul

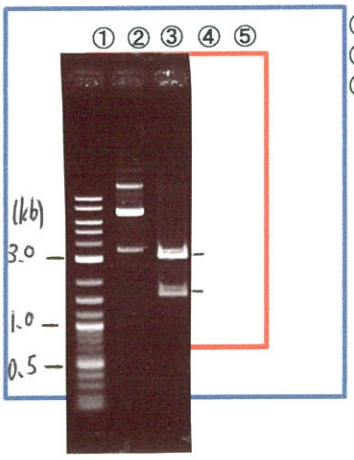
< Size of fragment expected from this clone >

BamHI 3.1kb (vector), 2.9 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 : 190326

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 :

DNA (172 ng/ul)	79.0 ul
10x TE	54.3 ul
dH_2O	410.2 ul
Total	543.5 ul

● Shipping

☑ Conc. : 25 ng/μl, Volume : 40 μl

☐ ~~Conc. : ng/μl, Volume : μl~~

APPROVED BY : 確認 19.9.18 世沼

Applied Biosystems

S/N G:103 A:121 T:89 C:138
KB.bcp
KB 1.4.1.8 Cap:22

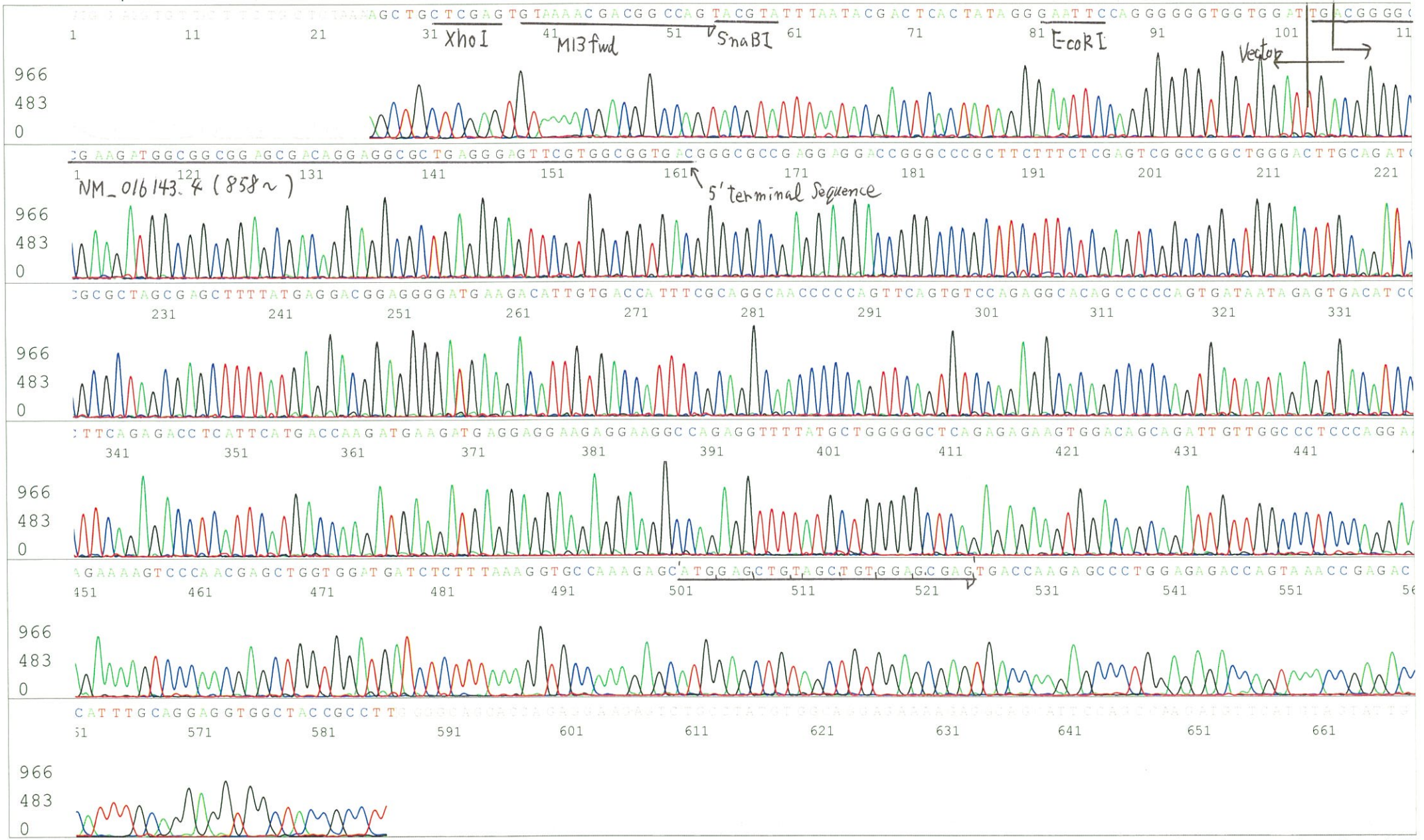
Primer A : pGCAP-F

5' CTCAGTGGATGTTGCCTTTAC 3'

7672_ARe41G04_A9Ci_pGCAP_F_H04_22_ABI24
7672_ARe41G04_A9Ci_pGCAP_F
KB_3500_POP7_BDTv3.mob
Pts 1696 to 8698 Pk1 Loc:1664
Version 6.0 HiSQV Bases: 708

Gray line indicates quality value (QV) < 40.

Inst Model/Name 3500/3500 Instrument
Mar 26,2019 03:16PM, JST
Mar 26,2019 03:33PM, JST
Spacing:10.45 Pts/Panel1350
ate Name: 20190326_GNP(Kato)

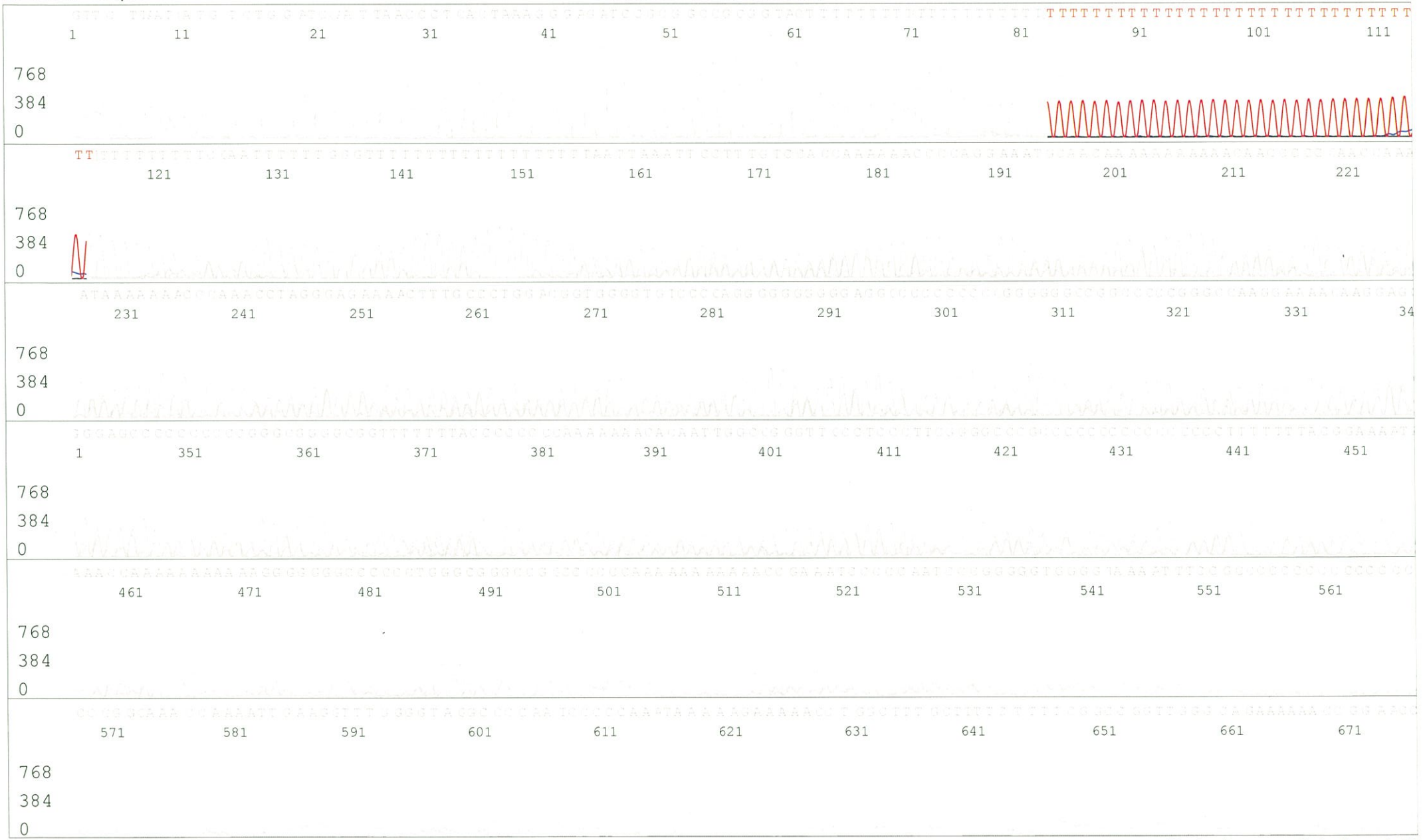


Applied Biosystems

S/N G:60 A:51 T:74 C:75
KB.bcp
KB 1.4.1.8 Cap:2

7672_ARe41G04_A9Ci_pGCAP_R_A05_02_ABI24
7672_ARe41G04_A9Ci_pGCAP_R
KB_3500_POP7_BDTv3.mob
Pts 1727 to 8707 Pk1 Loc:1695
Version 6.0 HiSQV Bases: 234

Inst Model/Name 3500/3500 Instrument
Mar 26,2019 03:16PM, JST
Mar 26,2019 03:33PM, JST
Spacing:10.45 Pts/Panel1350
Plate Name: 20190326_GNP(Kato)



Primer C : Poly(A) region primer #0

5' TTTTTTTTTTTTTTTTTTTTTNNN 3'

Gray line indicates quality value (QV) < 40.

