NRCD Human Full-Length cDNA Clone

Gene Engineering Division
RIKEN BioResource Research Center

Lot# : 6608_B2Hf

RIKEN_Clone_ID : RBdS156I23

Vector : pGCAP10

Gene	LRRC24	
RefSeq_mRNA	NM_001024678.4	1762 bp

● Plasmid DNA purification

Date : 22.08.15 Culture : LB (100 ug/ml Ampicillin) 5 ml -> at 37 deg C O/N

Date : 22.08.24 Purification : QIAGEN Miniprep kit -> dH_2O 100 ul

● Digestion by restriction enzyme/Concentrarion calibration

Date : 22.08.24

DNA concentration (O.D.): 317 ng/ul

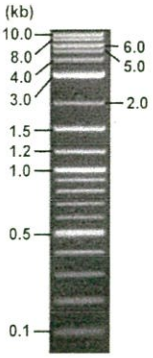
DNA	0.3 ul
Enzyme (BamHI)	1 ul
Buffer H	1 ul
dH_2O	7.7 ul
Total	10 ul

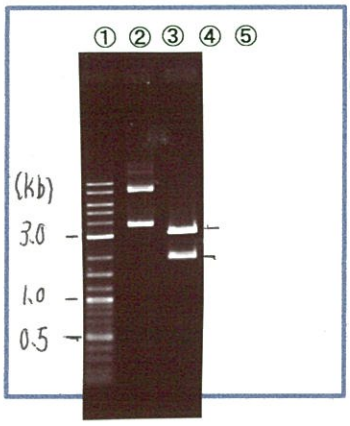
< Size of fragment expected from this clone >

BamHI 3.1kb (vector), 1.9 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 : 22.12.2

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 : 22.12.6

DNA (317 ng/ul)	80.0 ul
10x TE	101.4 ul
dH_2O	833.0 ul
Total	1014.4 ul

● Shipping

☑ Conc. : 25 ng/μl, Volume : 40 μl

☐ Conc. : ng/μl, Volume : μl

APPROVED BY :

確認 22.12.06 笹沼

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

Applied Biosystems

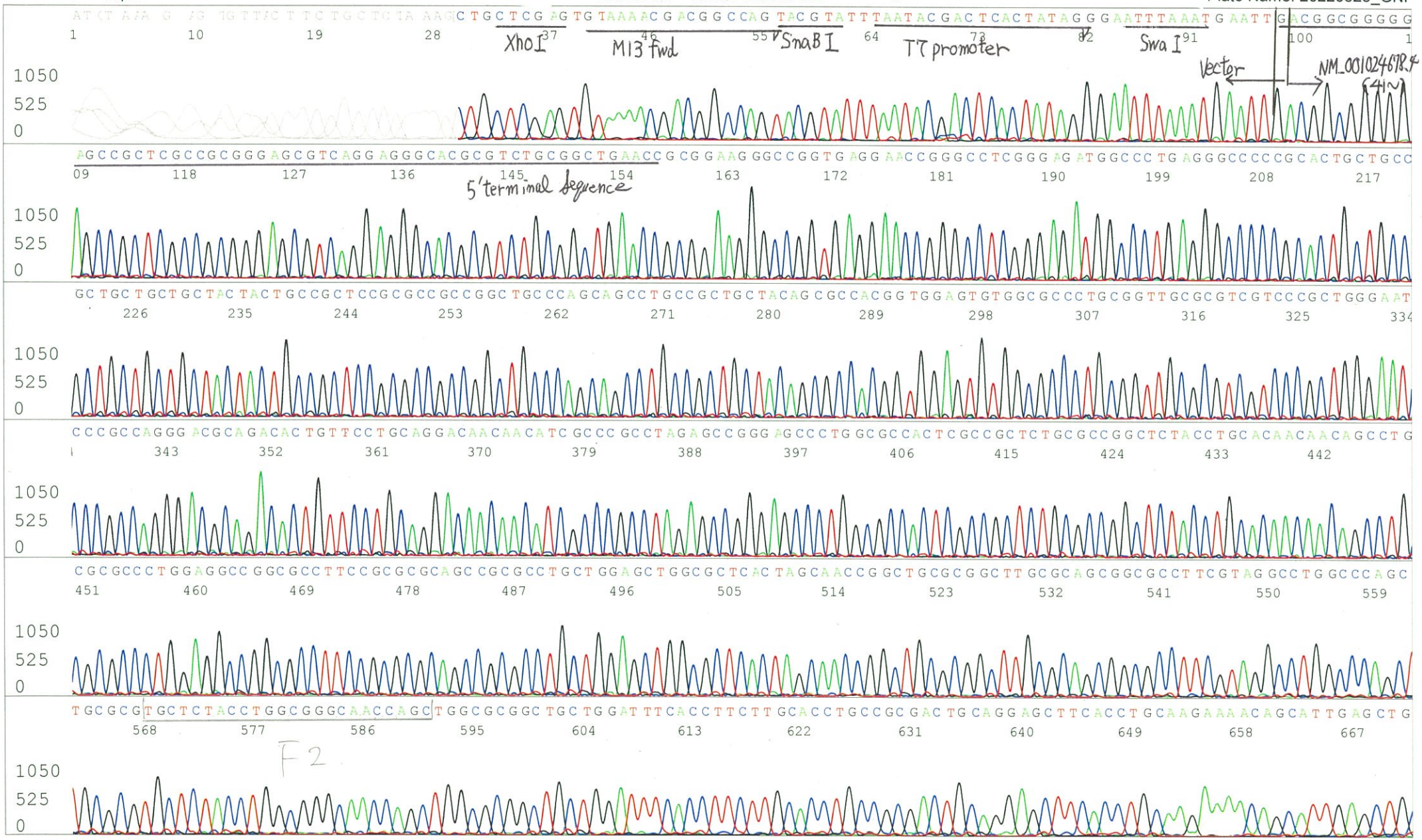
6608_RBdS156I23_B2Hf_pGCAP_F_B02_05_ABI24
6608_RBdS156I23_B2Hf_pGCAP_F
KB_3500_POP7_BDTv3.mob
Pts 1636 to 12106 Pk1 Loc:1619
Version 6.0 HiSQV Bases: 799

Inst Model/Name 3500/3500 Instrument
Aug 25,2022 09:39AM, JST
Aug 25,2022 10:01AM, JST
Spacing:13.05 Pts/Panel1350
Plate Name: 20220825_GNP

S/N G:376 A:283 T:185 C:521
KB.bcp
KB 1.4.1.8 Cap:5

Primer A : pGCAP-F
5' CTCAGTGGATGTTGCCTTTAC 3'

Gray line indicates quality value (QV) < 40.



Applied Biosystems

S/N G:241 A:135 T:89 C:274
KB.bcp
KB 1.4.1.8 Cap:11

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

6608_RBdS156I23_B2Hf_GNPmixture_D02_11_ABI24
6608_RBdS156I23_B2Hf_GNPmixture
KB_3500_POP7_BDTv3.mob
Pts 1651 to 12077 Pk1 Loc:1634
Version 6.0 HiSQV Bases: 792

Gray line indicates quality value (QV) < 40.

Inst Model/Name 3500/3500 Instrument
Aug 25,2022 09:39AM, JST
Aug 25,2022 10:01AM, JST
Spacing:13.07 Pts/Panel1350
Plate Name: 20220825_GNP

