NRCD Human Full-Length cDNA Clone

Gene Engineering Division
RIKEN BioResource Research Center

Lot# : 6608_B2Lj

RIKEN_Clone_ID : RBdS070M17

Vector : pGCAP10

Gene	MTMR10	
RefSeq_mRNA	NM_017762.3	4985 bp

● Plasmid DNA purification

Date : 22.12.19 Culture : LB (100 ug/ml Ampicillin) 5 ml -> at 37 deg C O/N

Date : 22.12.20 Purification : QIAGEN Miniprep kit -> dH_2O 100 ul

● Digestion by restriction enzyme/Concentrarion calibration

Date : 22.12.20

DNA concentration (O.D.): 318 ng/ul

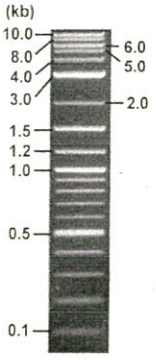
DNA	0.3 ul
Enzyme (BamHI)	1 ul
Buffer H	1 ul
dH_2O	7.7 ul
Total	10 ul

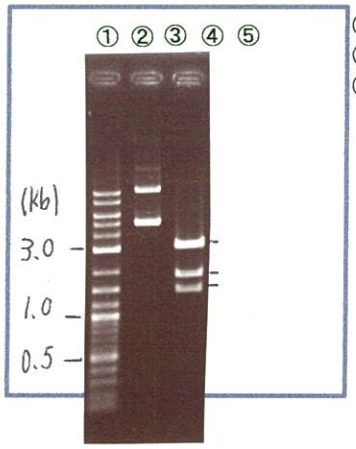
< Size of fragment expected from this clone >

BamHI 3.1kb (vector), 3.6, 1.5 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 (318 ng/ul)	80.0 ul
10x TE	101.7 ul
dH_2O	835.9 ul
Total	1017.6 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

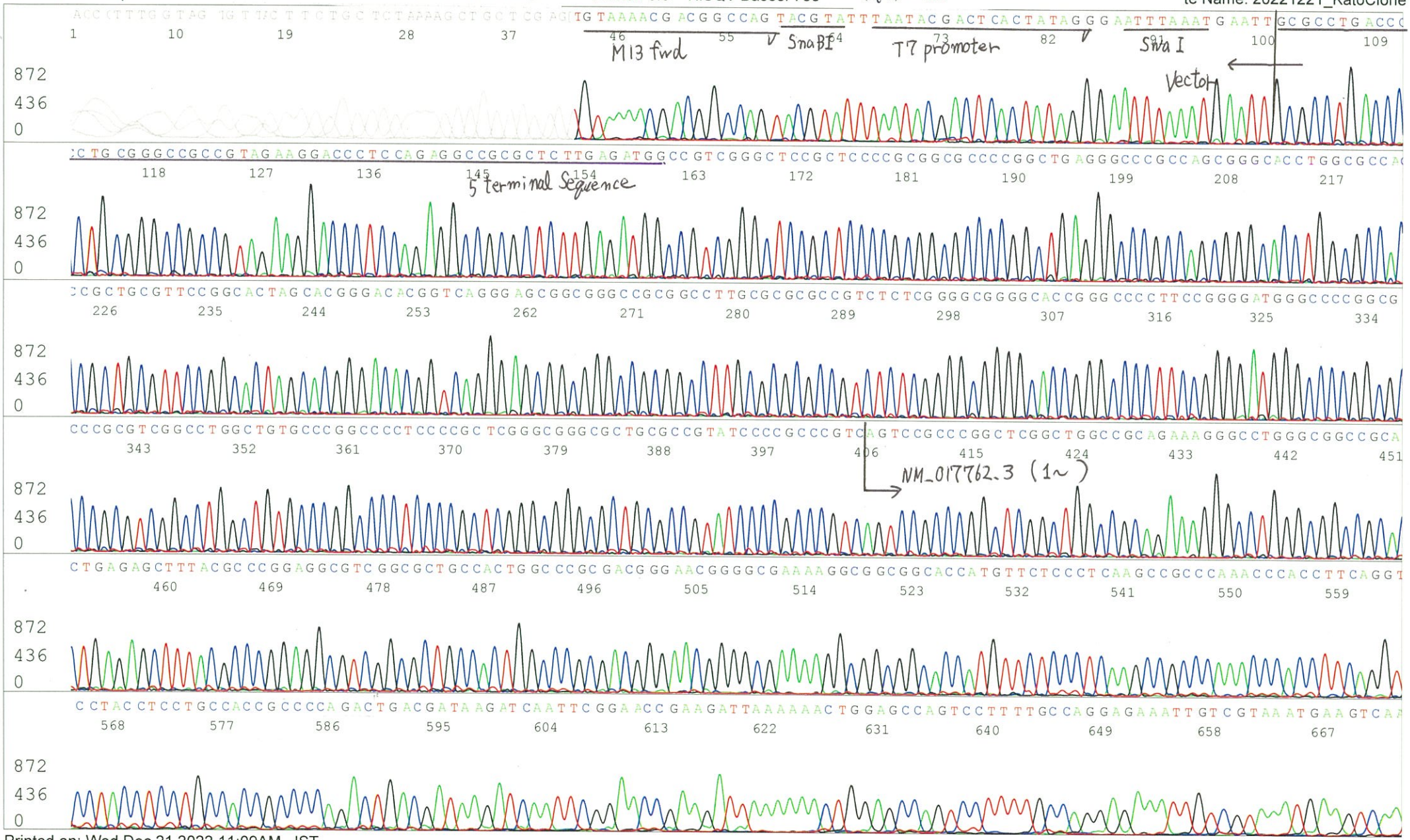
6608_RBdS070M17_B2Lj_pGCAP_F_C01_07_ABI24
6608_RBdS070M17_B2Lj_pGCAP_F
KB_3500_POP7_BDTv3.mob
Pts 1795 to 12234 Pk1 Loc:1778
Version 6.0 HiSQV Bases: 785

Inst Model/Name 3500/3500 Instrument
Dec 21,2022 09:55AM, JST
Dec 21,2022 10:16AM, JST
Spacing:13.03 Pts/Panel1350
te Name: 20221221_KatoClone

S/N G:253 A:246 T:149 C:359
KB.bcp
KB 1.4.1.8 Cap:7

Primer A : pGCAP-F
5' CTCAGTGGATGTTGCCTTTAC 3'

Gray line indicates quality value (QV) < 40.



Applied Biosystems

6608_RBdS070M17_B2Lj_GNPmixture_E01_13_ABI24
6608_RBdS070M17_B2Lj_GNPmixture
KB_3500_POP7_BDTv3.mob
Pts 1789 to 12310 Pk1 Loc:1772
Version 6.0 HiSQV Bases: 755

Inst Model/Name 3500/3500 Instrument
Dec 21,2022 09:55AM, JST
Dec 21,2022 10:16AM, JST
Spacing:13.22 Pts/Panel1350
late Name: 20221221_KatoClone

S/N G:131 A:197 T:137 C:157
KB.bcp
KB 1.4.1.8 Cap:13

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

Gray line indicates quality value (QV) < 40.

