NRCD Human Full-Length cDNA Clone

Gene Engineering Division
RIKEN BioResource Research Center

RIKEN_Clone_ID : ARi65H12
Vector : pGCAP10

Lot# : 7675_B2Lg

Gene	MYO1B	
RefSeq_mRNA	NM_012223.5	4895 bp

● Plasmid DNA purification

Date : 22.12.15 Culture : LB (100 ug/ml Ampicillin) 5 ml -> at 37 deg C O/N

Date : 22.12.16 Purification : QIAGEN Miniprep kit -> dH_2O 100 ul

● Digestion by restriction enzyme/Concentrarion calibration

Date : 22.12.16

DNA concentration (O.D.): 312 ng/ul

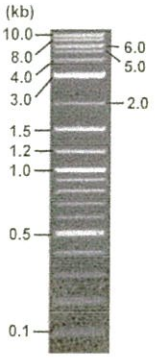
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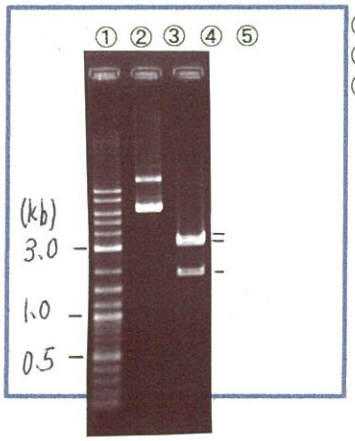
BamHI 3.1kb (vector), 3.2, 1.9 kb (unsure)

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

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 : 23.03.28

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 (312 ng/ul)	76.0 ul
10x TE	94.8 ul
dH_2O	777.6 ul
Total	948.4 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

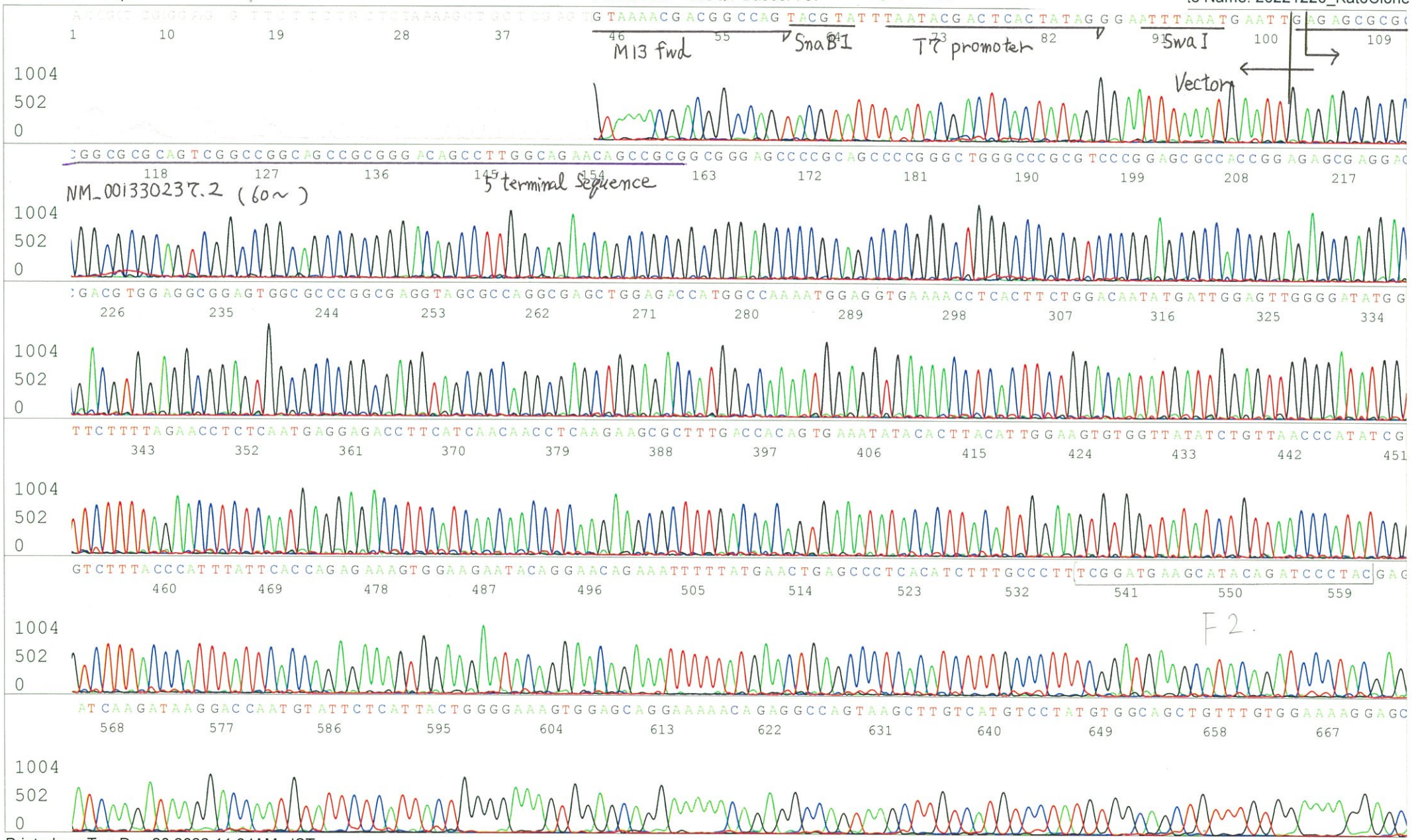
S/N G:164 A:235 T:126 C:182
KB.bcp
KB 1.4.1.8 Cap:2

Primer A : pGCAP-F
5' CTCAGTGGATGTTGCCTTTAC 3'

7675_ARi65H12_B2Lg_pGCAP_F_A02_02_ABI24
7675_ARi65H12_B2Lg_pGCAP_F
KB_3500_POP7_BDTv3.mob
Pts 1853 to 12449 Pk1 Loc:1836
Version 6.0 HiSQV Bases: 767

Gray line indicates quality value (QV) < 40.

Inst Model/Name 3500/3500 Instrument
Dec 20,2022 10:15AM, JST
Dec 20,2022 10:49AM, JST
Spacing:13.17 Pts/Panel1350
te Name: 20221220_KatoClone



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S/N G:43 A:63 T:85 C:52
KB.bcp
KB 1.4.1.8 Cap:5

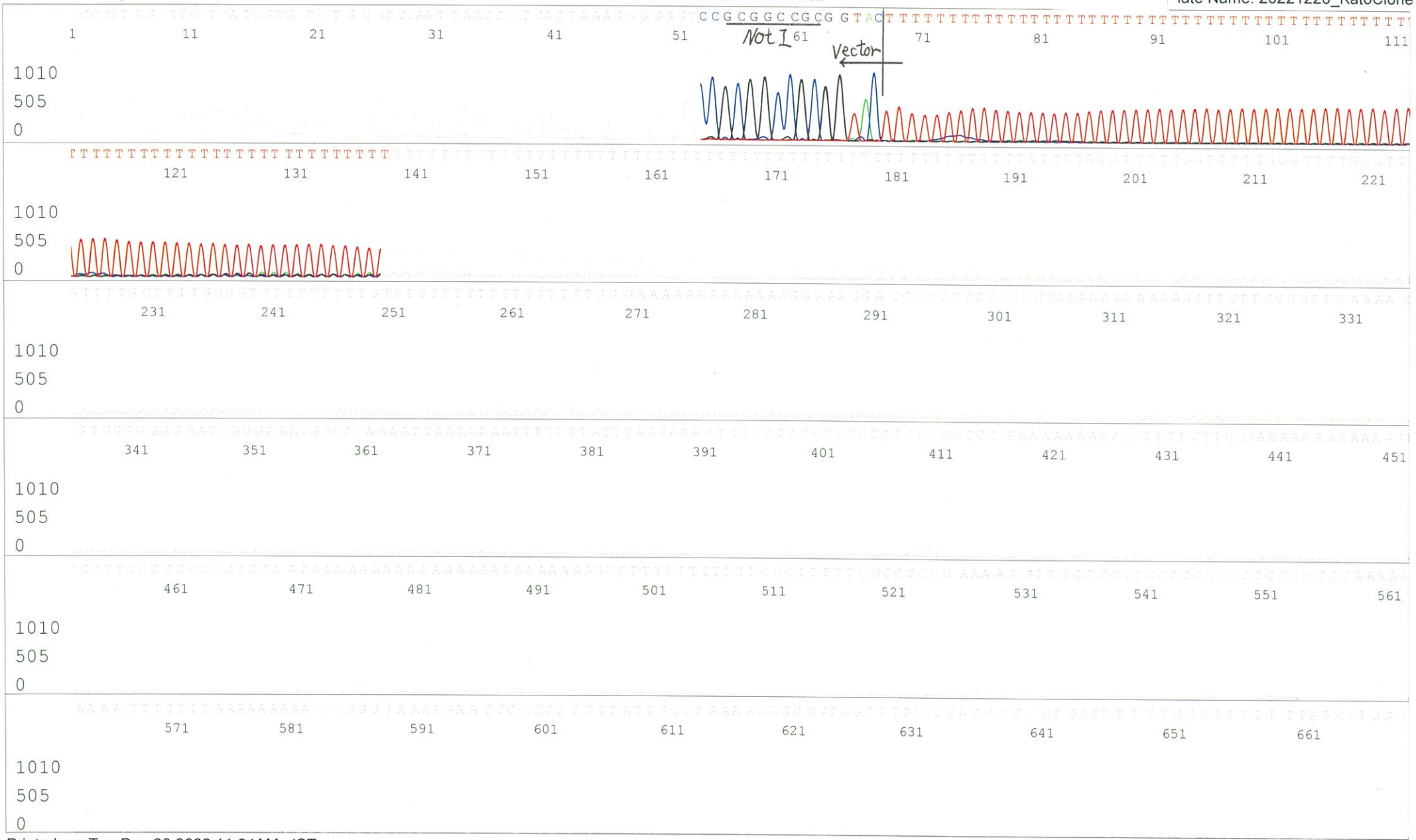
Primer B : pGCAP-R

5' GCATTCTAGTTGTGGTTTGTCC 3'

7675_ARi65H12_B2Lg_pGCAP_R_B02_05_ABI24
7675_ARi65H12_B2Lg_pGCAP_R
KB_3500_POP7_BDTv3.mob
Pts 1834 to 12557 Pk1 Loc:1817
Version 6.0 HiSQV Bases: 132

Gray line indicates quality value (QV) < 40.

Inst Model/Name 3500/3500 Instrument
Dec 20,2022 10:15AM, JST
Dec 20,2022 10:49AM, JST
Spacing:13.55 Pts/Panel1350
Plate Name: 20221220_KatoClone



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S/N G:90 A:224 T:125 C:114
KB.bcp
KB 1.4.1.8 Cap:8

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

7675_ARi65H12_B2Lg_GNPmixture_C02_08_ABI24
7675_ARi65H12_B2Lg_GNPmixture
KB_3500_POP7_BDTv3.mob
Pts 1835 to 12324 Pk1 Loc:1818
Version 6.0 HiSQV Bases: 742

Gray line indicates quality value (QV) < 40.

Inst Model/Name 3500/3500 Instrument
Dec 20,2022 10:15AM, JST
Dec 20,2022 10:49AM, JST
Spacing:13.15 Pts/Panel1350
ate Name: 20221220_KatoClone

