NRCD Human Full-Length cDNA Clone

Gene Engineering Division
RIKEN BioResource Research Center

Lot# : 7677_A9Cd

RIKEN Clone ID : RBd70D01

Vector : pGCAP10

Gene	DHX38	
RefSeq_mRNA	NM_014003.4	4323 bp

● Plasmid DNA purification

Date : 190313 Culture : LB (100 ug/ml Ampicillin) 5 ml -> at 37 deg C O/N

Date : 190315 Purification : QIAGEN Miniprep kit -> dH_2O 100 ul

● Digestion by restriction enzyme/Concentrarion calibration

Date : 190315

DNA concentration (O.D.): 106 ng/ul

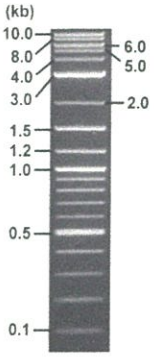
DNA	1 ul
Enzyme (BamHI)	1 ul
Buffer H	1 ul
dH_2O	7 ul
Total	10 ul

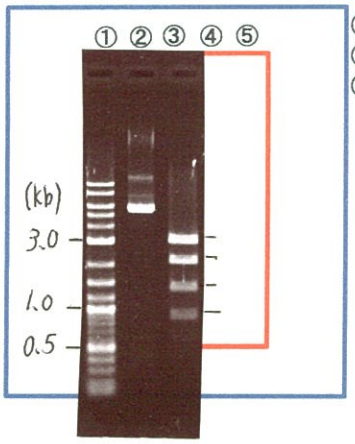
< Size of fragment expected from this clone >

BamHI 3.1kb (vector), 2.2, 1.4, 0.9 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 : 190319

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 : 21.04.01

DNA (106 ng/ul)	62.0 ul
10x TE	26.2 ul
dH_2O	174.6 ul
Total	262.8 ul

● Shipping

☑ Conc. : 25 ng/μl, Volume : 40 μl

☐ ~~Conc. : ___ ng/μl, Volume : ___ μl~~

APPROVED BY :

検収 21.5.24

Applied Biosystems

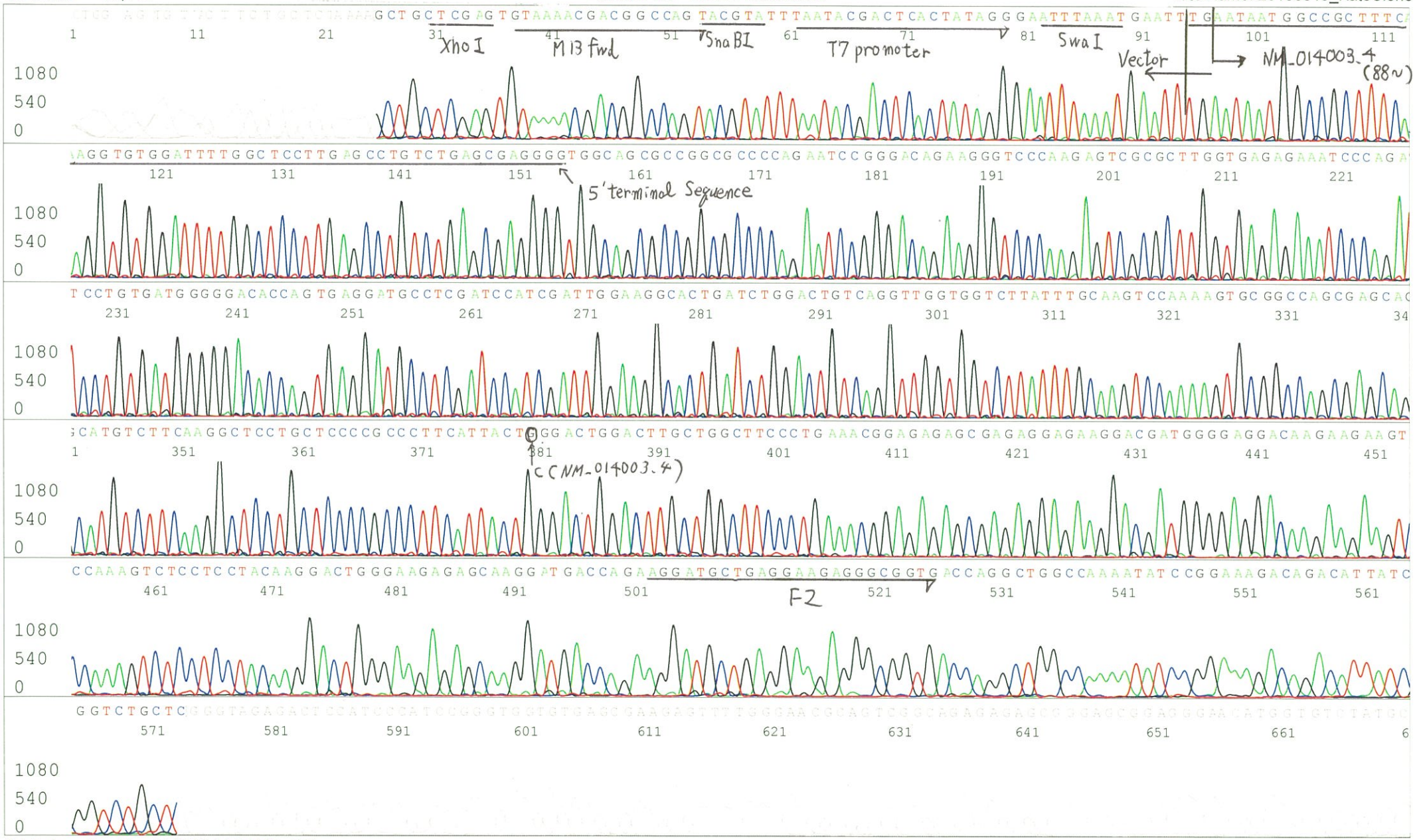
S/N G:218 A:228 T:142 C:212
KB.bcp
KB 1.4.1.8 Cap:12

Primer A : pGCAP-F
5' CTCAGTGGATGTTGCCTTTAC 3'

7677_RBd70D01_A9Cd_pGCAP_F_D12_12_ABI24
7677_RBd70D01_A9Cd_pGCAP_F
KB_3500_POP7_BDTv3.mob
Pts 1708 to 8624 Pk1 Loc:1676
Version 6.0 HiSQV Bases: 691

Gray line indicates quality value (QV) < 40.

Inst Model/Name 3500/3500 Instrument
Mar 19,2019 10:41AM, JST
Mar 19,2019 10:55AM, JST
Spacing:10.41 Pts/Panel1350
Plate Name: 20190319_KatoClone



Applied Biosystems

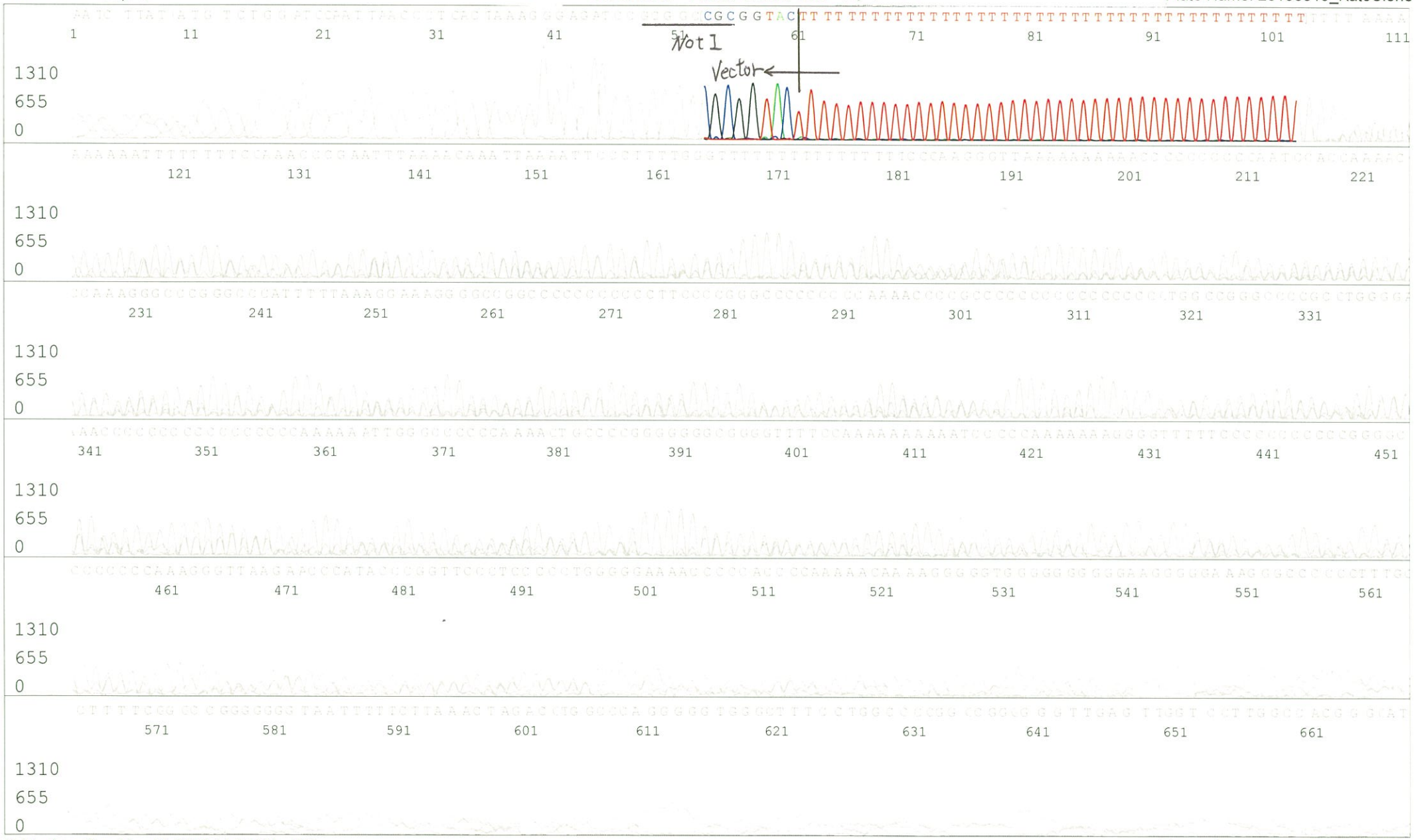
S/N G:27 A:21 T:25 C:39
KB.bcp
KB 1.4.1.8 Cap:15

Primer B : pGCAP-R
5' GCATTCTAGTTGTGGTTTGTCC 3'

7677_RBd70D01_A9Cd_pGCAP_R_E12_15_ABI24
7677_RBd70D01_A9Cd_pGCAP_R
KB_3500_POP7_BDTv3.mob
Pts 1709 to 8621 Pk1 Loc:1677
Version 6.0 HiSQV Bases: 216

Gray line indicates quality value (QV) < 40.

Inst Model/Name 3500/3500 Instrument
Mar 19,2019 10:41AM, JST
Mar 19,2019 10:55AM, JST
Spacing:10.39 Pts/Panel1350
Plate Name: 20190319_KatoClone



Applied Biosystems

S/N G:55 A:41 T:42 C:75
KB.bcp
KB 1.4.1.8 Cap:18

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

7677_RBd70D01_A9Cd_GNPmixture_F12_18_ABI24
7677_RBd70D01_A9Cd_GNPmixture
KB_3500_POP7_BDTv3.mob
Pts 1680 to 8616 Pk1 Loc:1648
Version 6.0 HiSQV Bases: 696

Gray line indicates quality value (QV) < 40.

Inst Model/Name 3500/3500 Instrument
Mar 19,2019 10:41AM, JST
Mar 19,2019 10:55AM, JST
Spacing:10.44 Pts/Panel1350
late Name: 20190319_KatoClone

