NRCD Human Full-Length cDNA Clone

Gene Engineering Division
RIKEN BioResource Research Center

RIKEN Clone ID : ARa43G09

Lot# : 7671_B3Fu

Vector : pKA1U5

Gene	RUFY3	
RefSeq_mRNA	NM_014961.5	4280 bp

● Plasmid DNA purification

Date : 23.07.03 Culture : LB (100 ug/ml Ampicillin) 5 ml -> at 37 deg C O/N

Date : 23.07.04 Purification : QIAGEN Miniprep kit -> dH_2O 100 ul

● Digestion by restriction enzyme/Concentrarion calibration

Date : 23.07.04

DNA concentration (O.D.): 304 ng/ul

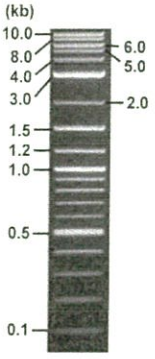
DNA	0.3 ul
Enzyme (BamHI)	1 ul
Buffer H	1 ul
dH_2O	7.7 ul
Total	10 ul

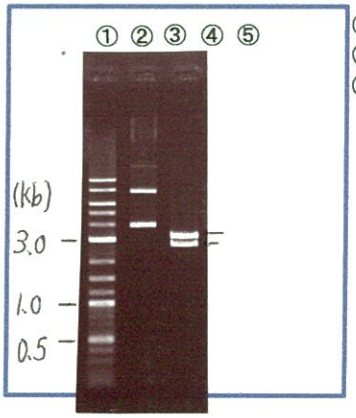
< Size of fragment expected from this clone >

BamHI 3.1kb (vector), 4.5 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 : 23.07.05

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 : 23.07.06

DNA (304 ng/ul)	90.0	ul
10x TE	109.4	ul
dH_2O	895.0	ul
Total	1094.4	ul

● Shipping

☑ Conc. : 25 ng/μl, Volume : 40 μl

☐ ~~Conc. : ng/μl, Volume : μl~~

APPROVED BY : 確認 23.7.06 笹沼

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

Applied Biosystems

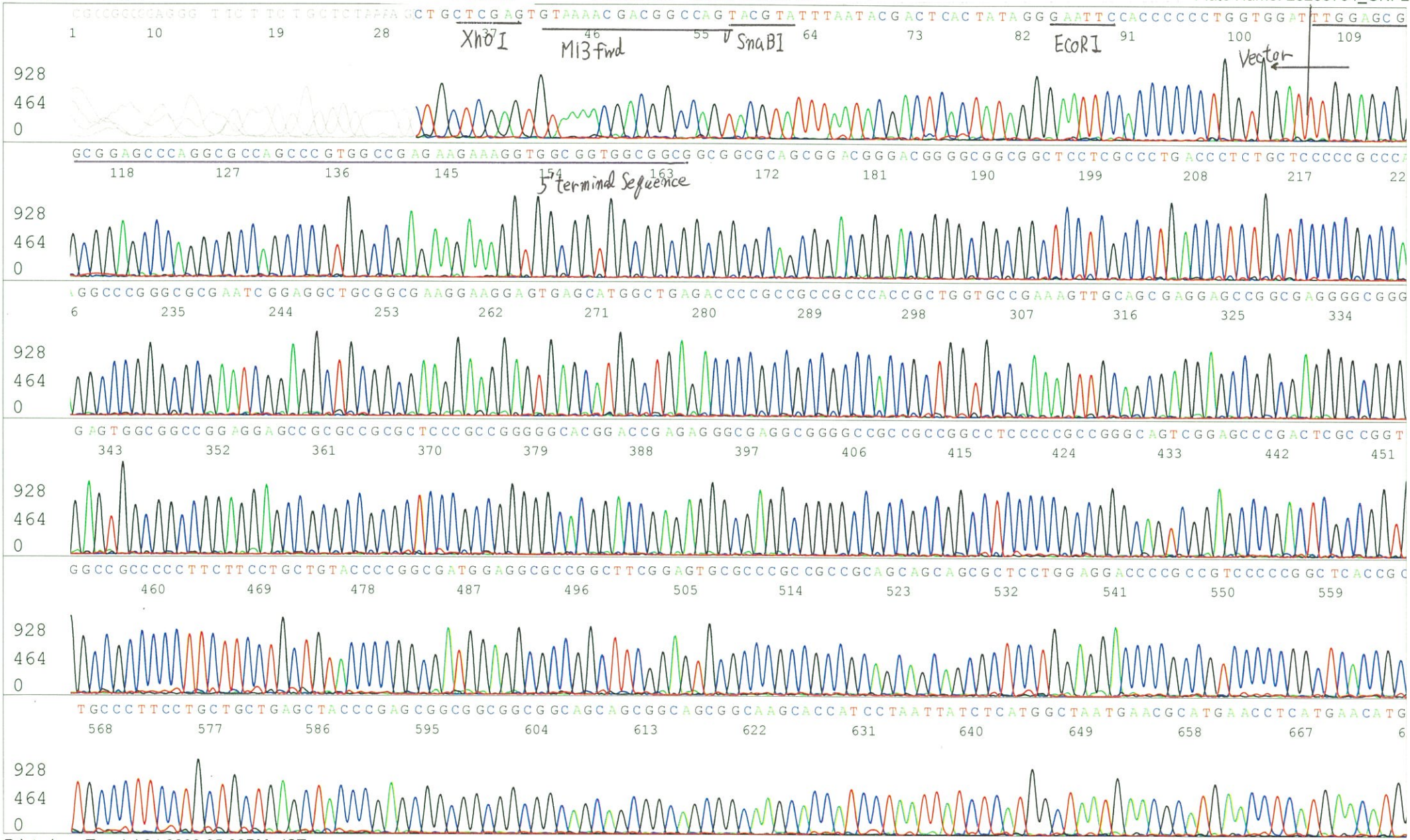
S/N G:115 A:152 T:91 C:172
KB.bcp
KB 1.4.1.8 Cap:1

Primer A : pGCAP-F
5' CTCAGTGGATGTTGCCTTTAC 3'

7671_ARa43G09_B3Fu_pGCAP_F_A01_01_ABI08
7671_ARa43G09_B3Fu_pGCAP_F
KB_3500_POP7_BDTv3.mob
Pts 1385 to 12867 Pk1 Loc:1362
Version 6.0 HiSQV Bases: 937

Gray line indicates quality value (QV) < 40.

Inst Model/Name 3500/3500 Instrument
Jul 04,2023 03:25PM, JST
Jul 04,2023 03:54PM, JST
Spacing:11.53 Pts/Panel1350
Plate Name: 20230704_GNP2



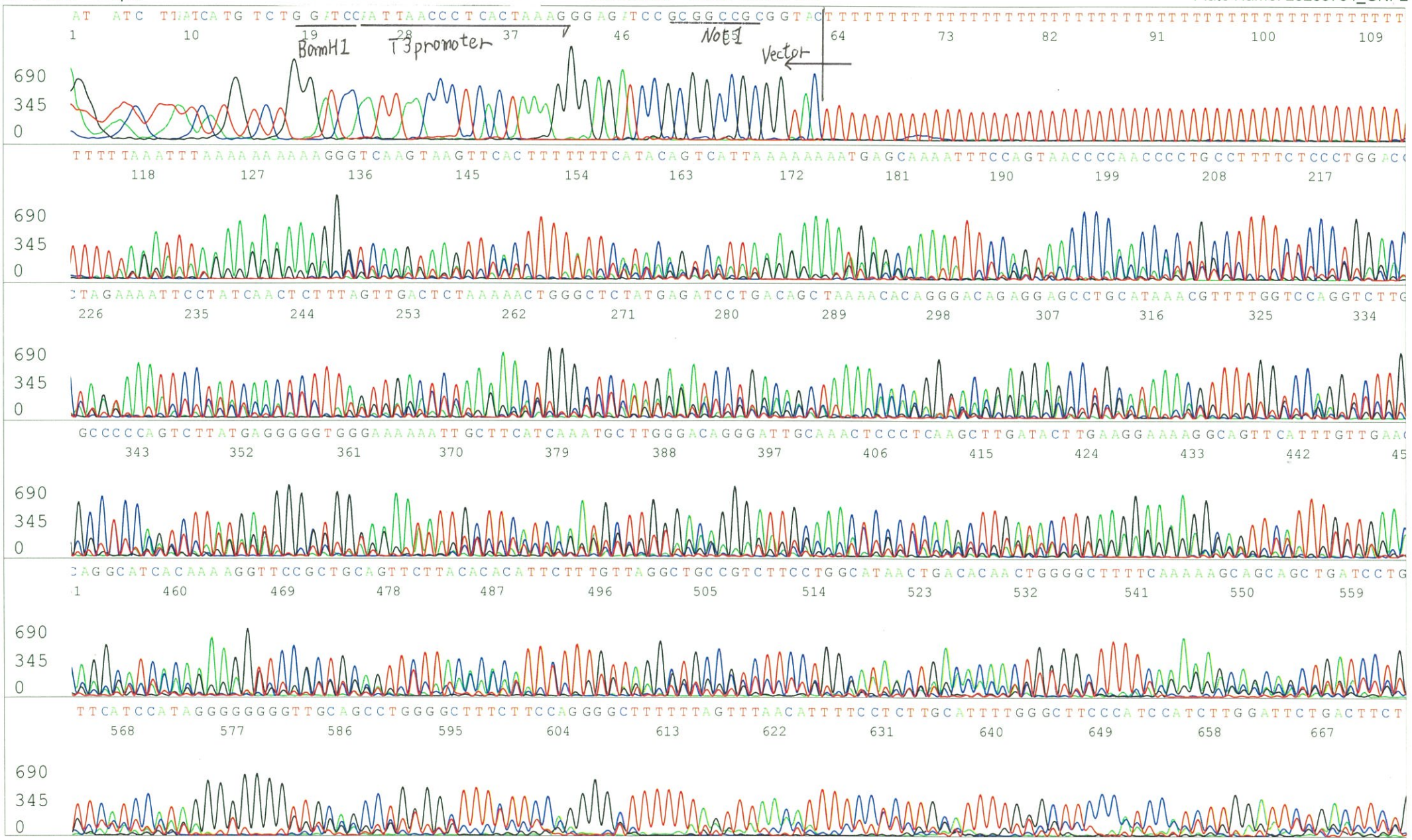
Applied Biosystems

S/N G:51 A:95 T:88 C:91
KB.bcp
KB 1.4.1.8 Cap:2

Primer B : pGCAP-R
5' GCATTCTAGTTGTGGTTTGTCC 3'

7671_ARa43G09_B3Fu_pGCAP_R_B01_02_ABI08
7671_ARa43G09_B3Fu_pGCAP_R
KB_3500_POP7_BDTv3.mob
Pts 0 to 0 Pk1 Loc:0
Version 6.0 HiSQV Bases: 135

Inst Model/Name 3500/3500 Instrument
Jul 04,2023 03:25PM, JST
Jul 04,2023 03:54PM, JST
Spacing:0.0 Pts/Panel1350
Plate Name: 20230704_GNP2



Applied Biosystems

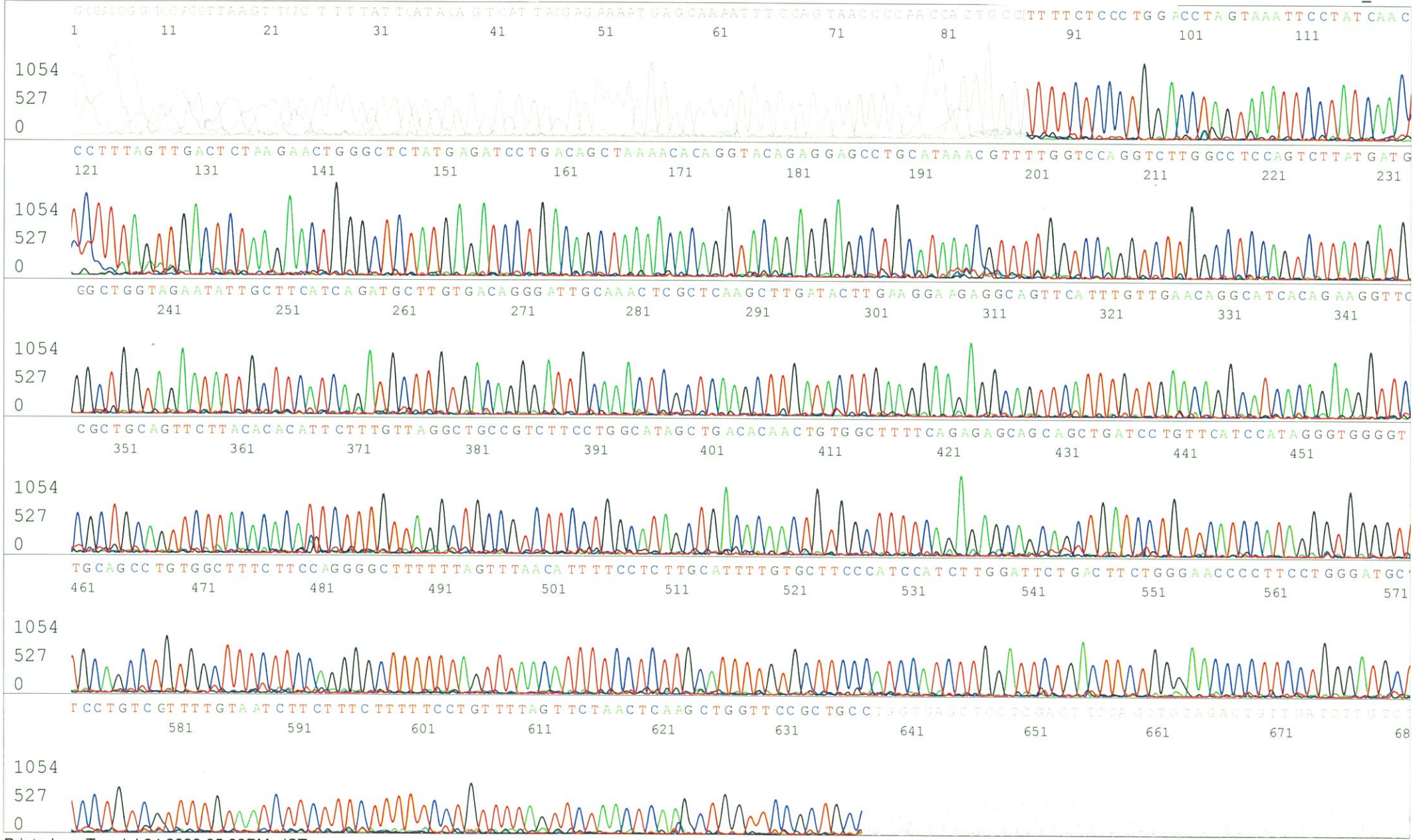
S/N G:9 A:13 T:11 C:13
KB.bcp
KB 1.4.1.8 Cap:3

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

7671_ARa43G09_B3Fu_GNPmixture_C01_03_ABI08
7671_ARa43G09_B3Fu_GNPmixture
KB_3500_POP7_BDTv3.mob
Pts 1376 to 12963 Pk1 Loc:1353
Version 6.0 HiSQV Bases: 811

Gray line indicates quality value (QV) < 40.

Inst Model/Name 3500/3500 Instrument
Jul 04,2023 03:25PM, JST
Jul 04,2023 03:54PM, JST
Spacing:11.64 Pts/Panel1350
Plate Name: 20230704_GNP2



Printed on: Tue Jul 04,2023 05:32PM, JST