NRCD Human Full-Length cDNA Clone

Gene Engineering Division
RIKEN BioResource Research Center

RIKEN Clone ID : ARe35D10
Vector : pKA1U5

Lot# : 7672_B3Fd

Gene	ICHTHYIN	
RefSeq_mRNA	NM_001099287.2	3085 bp

● Plasmid DNA purification

Date : 23.06.13 Culture : LB (100 ug/ml Ampicillin) 5 ml -> at 37 deg C O/N

Date : 23.06.14 Purification : QIAGEN Miniprep kit -> dH_2O 100 ul

● Digestion by restriction enzyme/Concentrarion calibration

Date : 23.06.14

DNA concentration (O.D.): 231 ng/ul

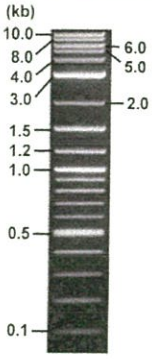
DNA	ul
Enzyme (BamHI)	1 ul
Buffer H	1 ul
dH_2O	ul
Total	10 ul

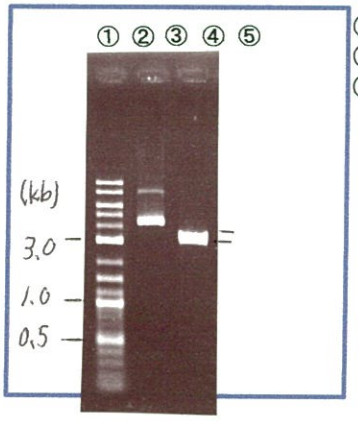
< Size of fragment expected from this clone >

BamHI 3.1kb (vector), 3.3 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 : 23.06.21

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 : 23.06.22

DNA (231 ng/ul)	82.0	ul
10x TE	75.7	ul
dH_2O	599.9	ul
Total	757.6	ul

● Shipping

☑ Conc. : 25 ng/μl, Volume : 40 μl

☐ ~~Conc. : ng/μl, Volume : μl~~

APPROVED BY : 確認 23.6.22 笹沼

Applied Biosystems

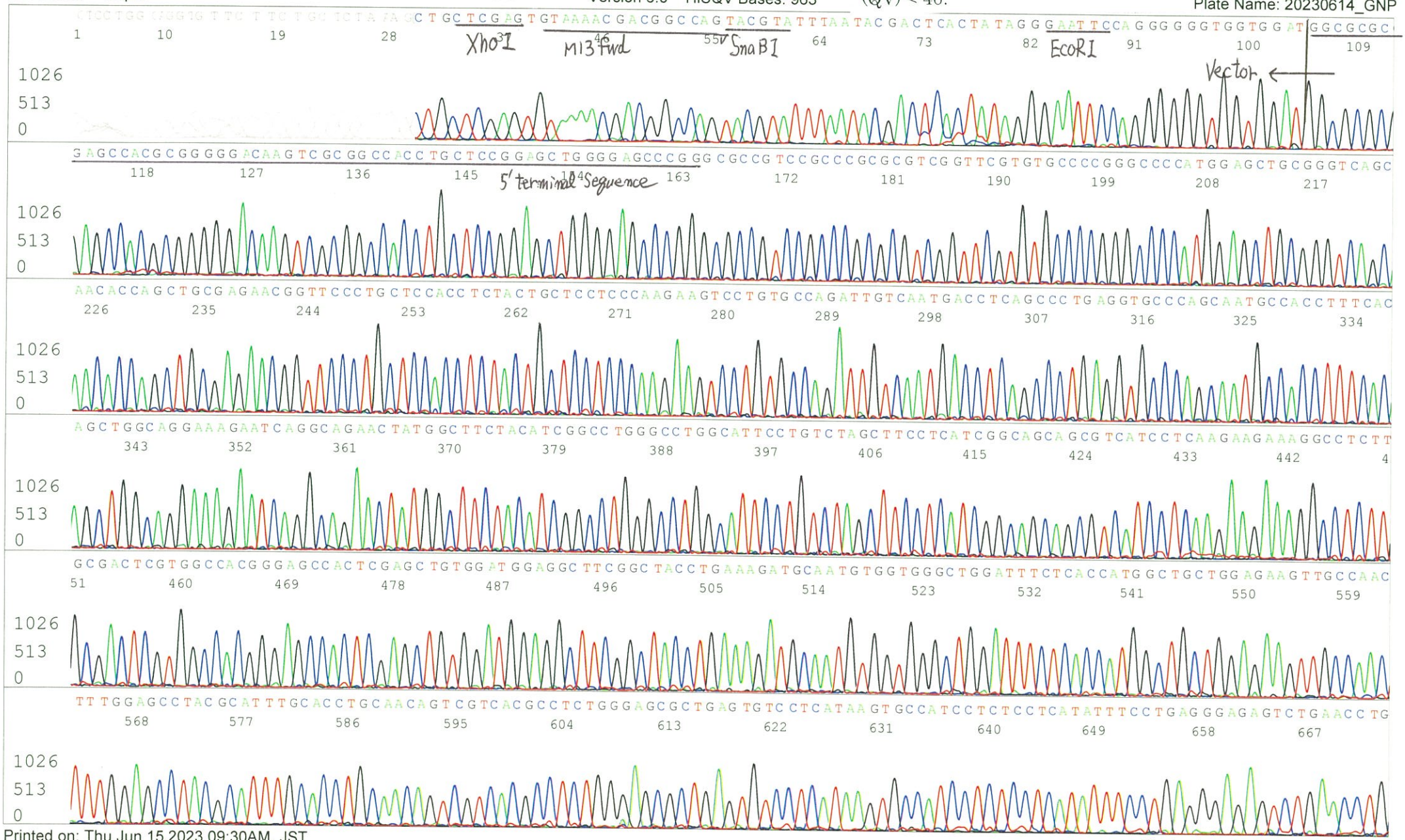
S/N G:49 A:58 T:49 C:75
KB.bcp
KB 1.4.1.8 Cap:4

Primer A : pGCAP-F
5' CTCAGTGGATGTTGCCTTTAC 3'

7672_ARe35D10_B3Fd_pGCAP_F_D01_04_ABI08
7672_ARe35D10_B3Fd_pGCAP_F
KB_3500_POP7_BDTv3.mob
Pts 1300 to 13205 Pk1 Loc:1277
Version 6.0 HiSQV Bases: 963

Gray line indicates quality value (QV) < 40.

Inst Model/Name 3500/3500 Instrument
Jun 14,2023 04:04PM, JST
Jun 14,2023 04:33PM, JST
Spacing:11.68 Pts/Panel1350
Plate Name: 20230614_GNP



Applied Biosystems

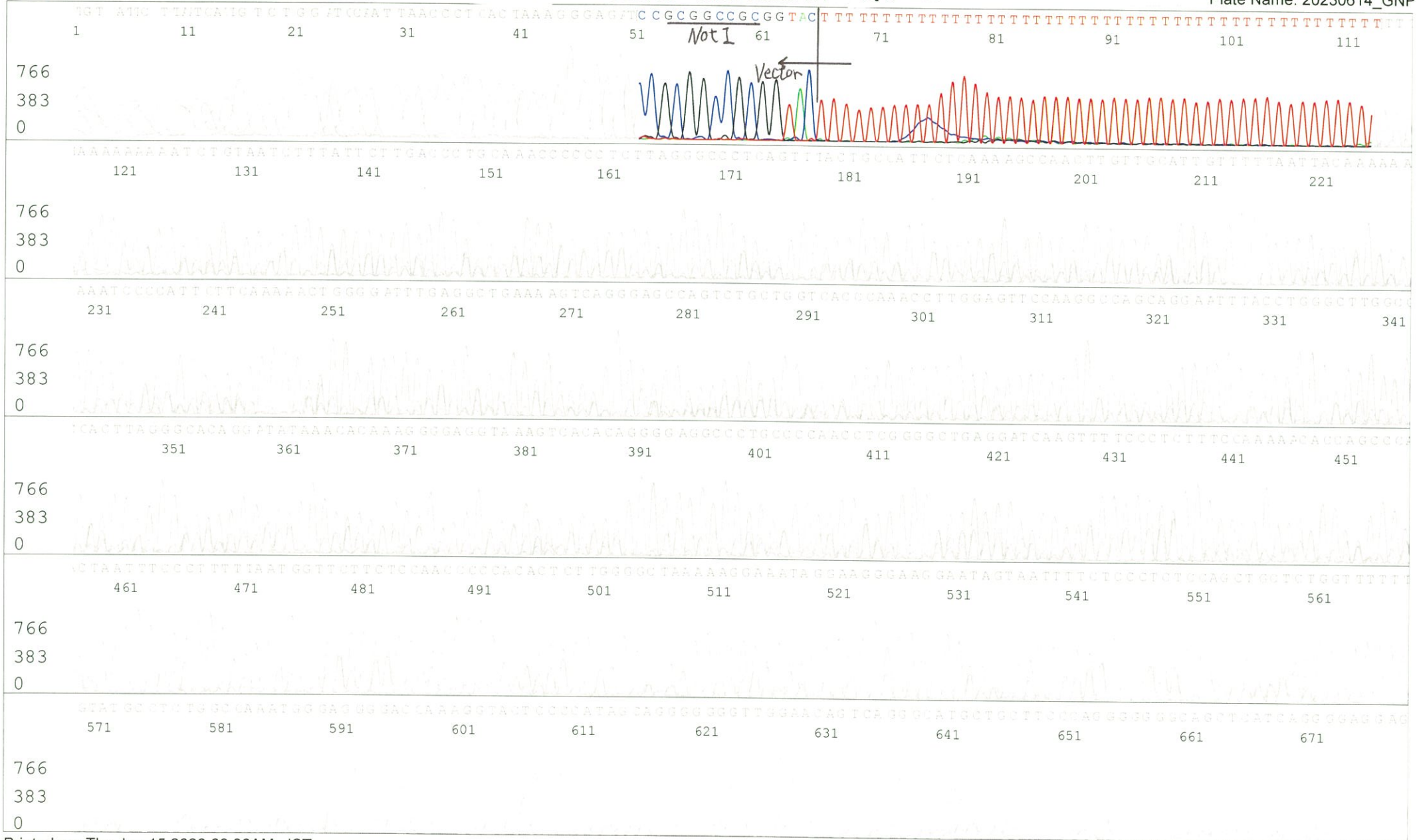
S/N G:28 A:41 T:35 C:45
KB.bcp
KB 1.4.1.8 Cap:5

Primer B : pGCAP-R
5' GCATTCTAGTTGTGGTTTGTCC 3'

7672_ARe35D10_B3Fd_pGCAP_R_E01_05_ABI08
7672_ARe35D10_B3Fd_pGCAP_R
KB_3500_POP7_BDTv3.mob
Pts 1308 to 13273 Pk1 Loc:1285
Version 6.0 HiSQV Bases: 131

Gray line indicates quality value (QV) < 40.

Inst Model/Name 3500/3500 Instrument
Jun 14,2023 04:04PM, JST
Jun 14,2023 04:33PM, JST
Spacing:11.84 Pts/Panel1350
Plate Name: 20230614_GNP



Printed on: Thu Jun 15,2023 09:30AM, JST

Applied Biosystems

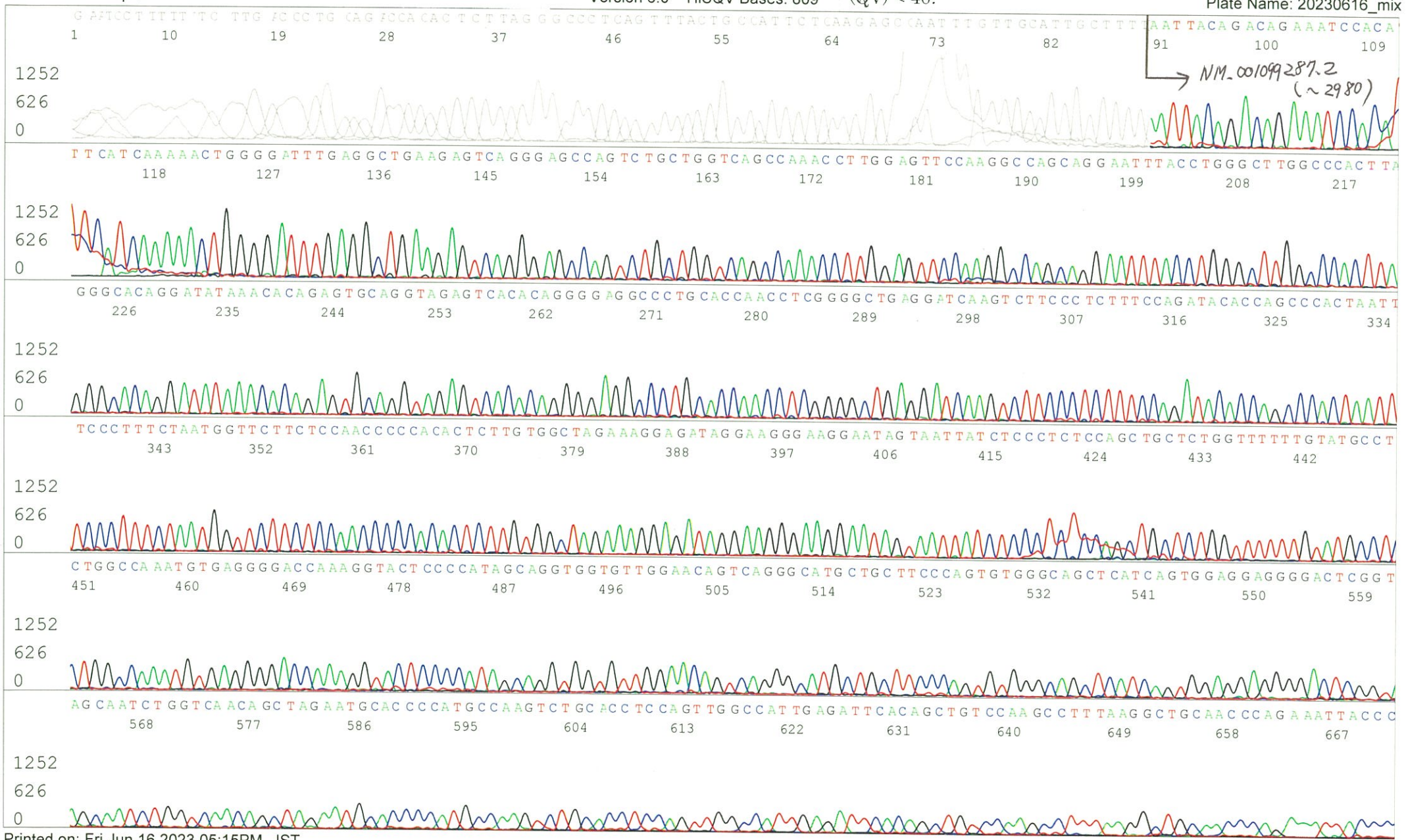
S/N G:42 A:49 T:31 C:38
KB.bcp
KB 1.4.1.8 Cap:9

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

7672_ARe35D10_B3Fd_GNPmixture_C03_09_ABI24
7672_ARe35D10_B3Fd_GNPmixture
KB_3500_POP7_BDTv3.mob
Pts 1560 to 12781 Pk1 Loc:1537
Version 6.0 HiSQV Bases: 809

Gray line indicates quality value (QV) < 40.

Inst Model/Name 3500/3500 Instrument
Jun 16,2023 03:07PM, JST
Jun 16,2023 03:33PM, JST
Spacing:11.04 Pts/Panel1350
Plate Name: 20230616_mix



Printed on: Fri Jun 16,2023 05:15PM, JST