NRCD Human Full-Length cDNA Clone

Gene Engineering Division
RIKEN BioResource Center

RIKEN Clone ID : RBb32F04

Lot# : 7676_A4E7

Vector : pGCAP1

Gene	PARG		
RefSeq_mRNA	NM_003631.2	4276 bp	1..4276
	CDS	2931 bp	262..3192
	5′ position		47

● Plasmid DNA purification

Date : 140513 Culture : LB (100 ug/ml Ampicillin) 5 ml -> at 37 deg C O/N

Date : 140514 Purification : QIAGEN Miniprep kit -> dH_2O 100 ul

● Digestion by restriction enzyme/Concentrarion calibration

Date : 140514

DNA concentration (O.D.): 104 ng/ul

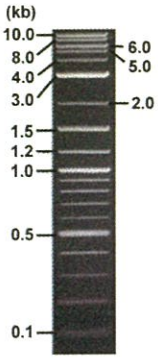
DNA	0.5 ul
Enzyme (BamHI)	1 ul
Buffer H	1 ul
dH_2O	7.5 ul
Total	10 ul

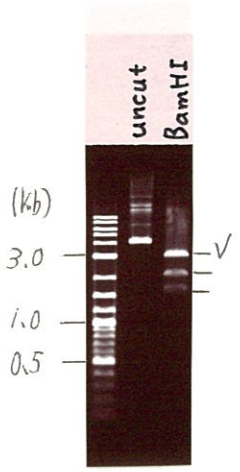
〈Size of fragment expected from RBb32F04 〉

BamHI 3183(vector), 2652, 1787 bp (unsure)

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

Marker : 2-Log DNA Ladder (NEB#N3200L)





● Confirmation of the insertion sequence

Date : 140516

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 : 140519

DNA (104 ng/ul)	85.0 ul
10x TE	35.4 ul
dH_2O	233.2 ul
Total	353.6 ul

● Shipping

☑ Conc. : 25 ng/μl, Volume : 40 μl

☐ ~~Conc. : ng/μl, Volume : μl~~

APPROVED BY :

14.5.19

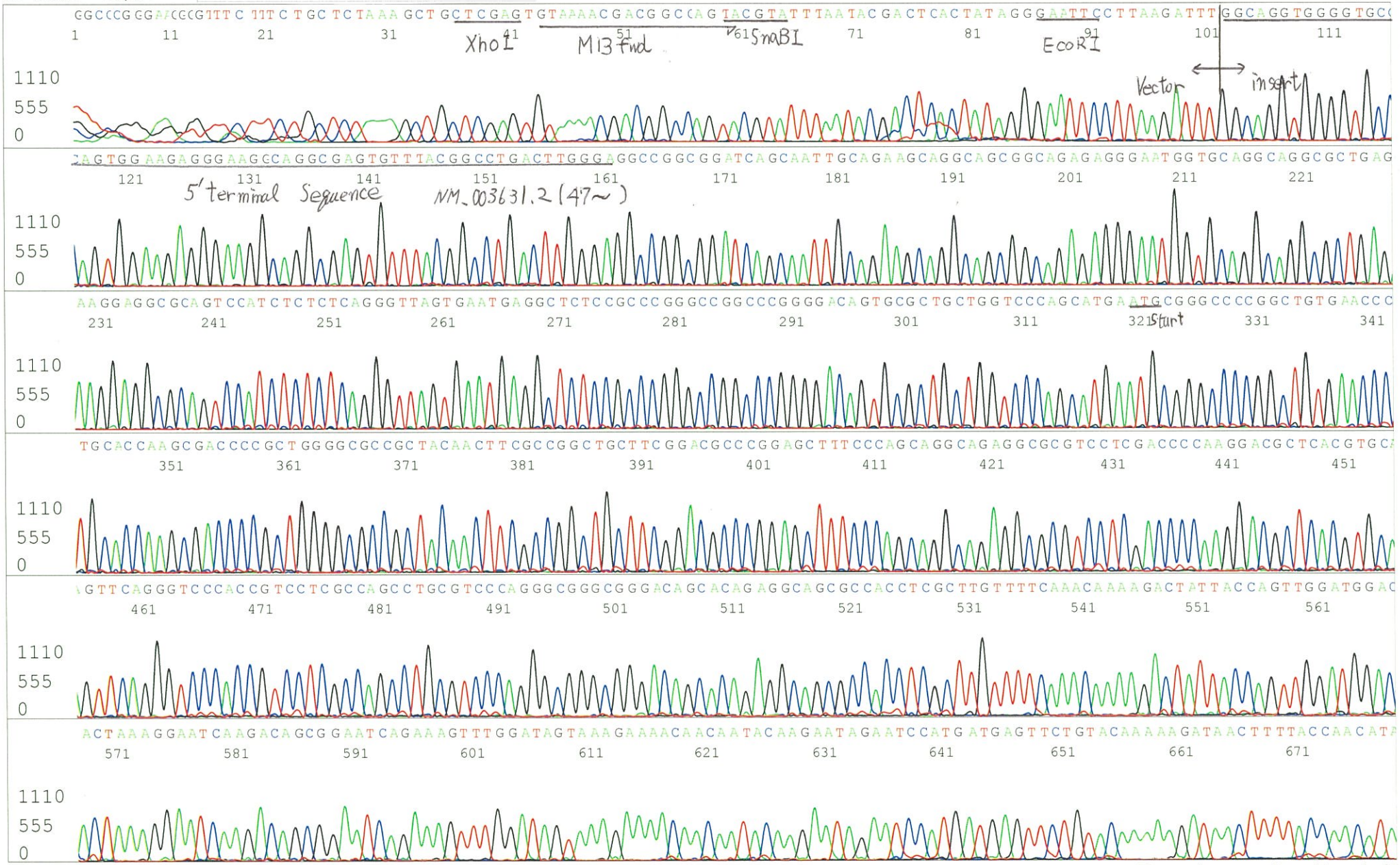
Applied Biosystems

S/N G:49 A:85 T:37 C:56
KB.bcp
KB 1.4.1.8 Cap:13

Primer A : pGCAP-F
5' CTCAGTGGATGTTGCCTTTAC 3'

7676_RBb32F04_A4E7_pGCAP_F_E07_13
7676_RBb32F04_A4E7_pGCAP_F
KB_3500_POP7_BDTv3.mob
Pts 1455 to 13857 Pk1 Loc:1432
Version 5.4 HiSQV Bases: 973

Inst Model/Name 3500/3500 Instrument
May 16,2014 10:11AM, JST
May 16,2014 10:38AM, JST
Spacing:12.3 Pts/Panel1350
Plate Name: 20140516_GNP



Applied Biosystems

S/N G:49 A:85 T:37 C:56
KB.bcp
KB 1.4.1.8 Cap:13

7676_RBb32F04_A4E7_pGCAP_F_E07_13
7676_RBb32F04_A4E7_pGCAP_F
KB_3500_POP7_BDTv3.mob
Pts 1455 to 13857 Pk1 Loc:1432
Version 5.4 HiSQV Bases: 973

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Applied Biosystems

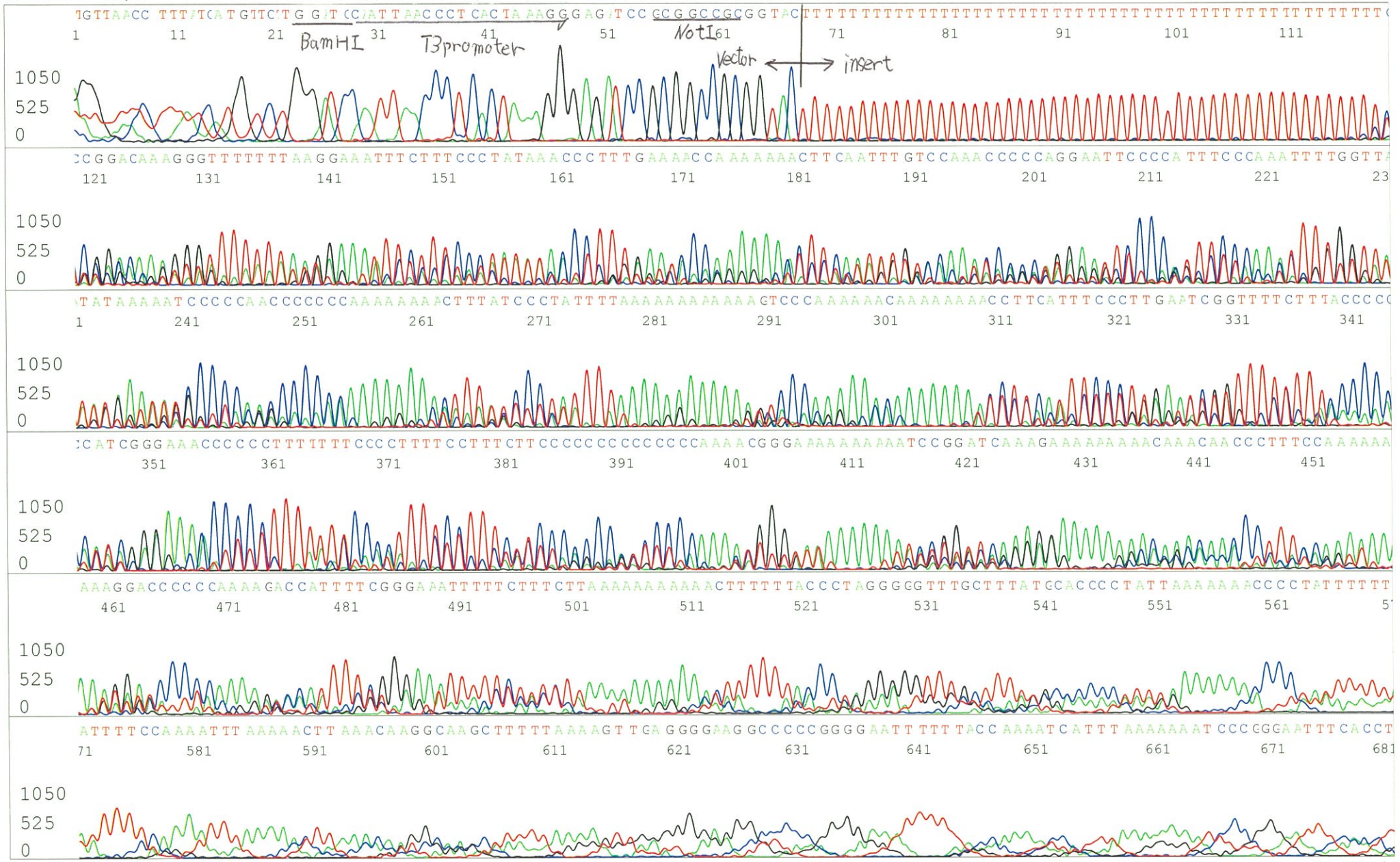
S/N G:15 A:23 T:21 C:17
KB.bcp
KB 1.4.1.8 Cap:6

Primer B : pGCAP-R

5' GCATTCTAGTTGTGGTTTGTCC 3'

7676_RBb32F04_A4E7_pGCAP_R_B06_06
7676_RBb32F04_A4E7_pGCAP_R
KB_3500_POP7_BDTv3.mob
Pts 1710 to 14671 Pk1 Loc:1687
Version 5.4 HiSQV Bases: 302

Inst Model/Name 3500/3500 Instrument
May 15,2014 09:50AM, JST
May 15,2014 10:17AM, JST
Spacing:13.7 Pts/Panel1350
Plate Name: 20140515

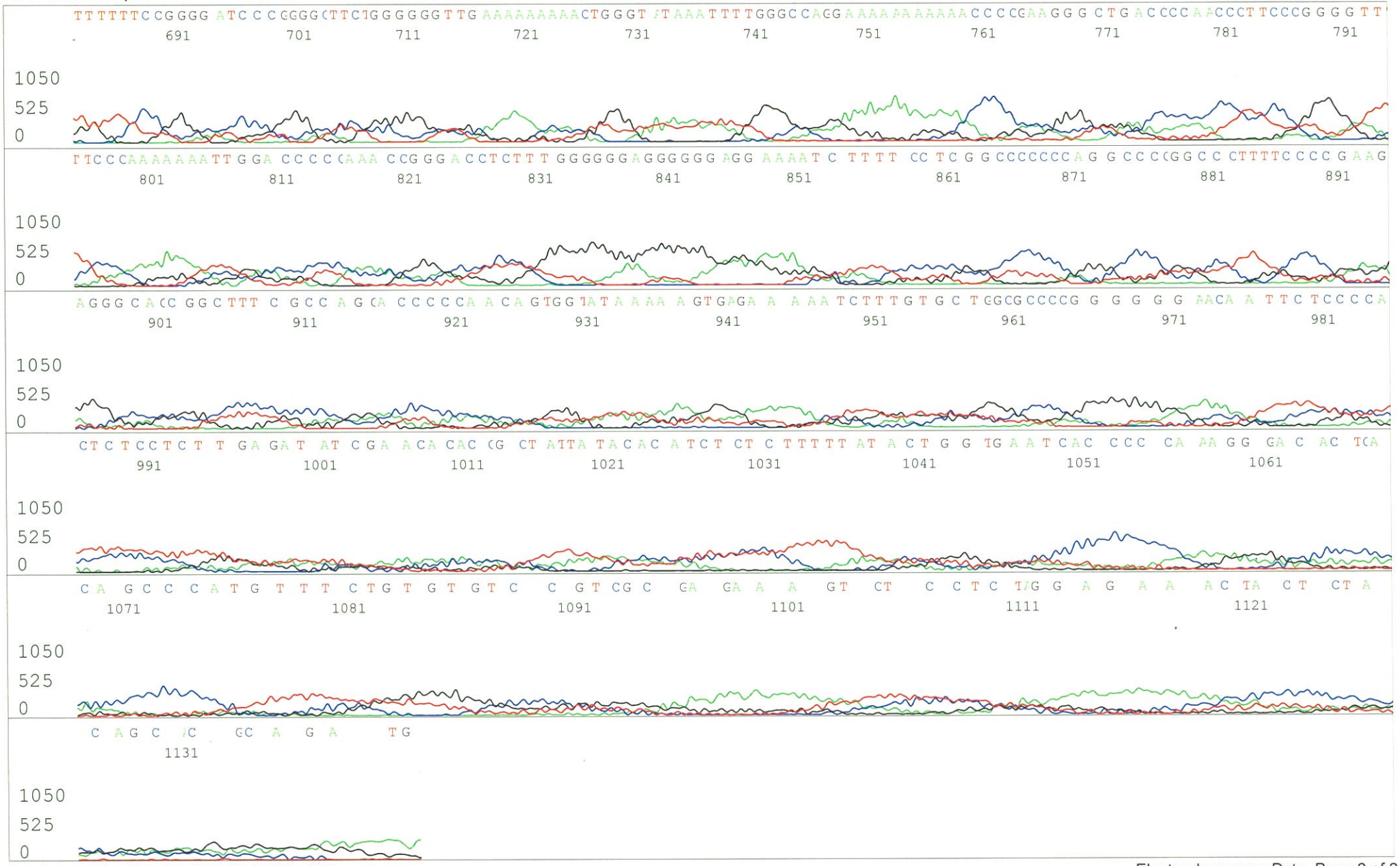


Applied Biosystems

S/N G:15 A:23 T:21 C:17
KB.bcp
KB 1.4.1.8 Cap:6

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7676_RBb32F04_A4E7_pGCAP_R
KB_3500_POP7_BDTv3.mob
Pts 1710 to 14671 Pk1 Loc:1687
Version 5.4 HiSQV Bases: 302

Inst Model/Name 3500/3500 Instrument
May 15,2014 09:50AM, JST
May 15,2014 10:17AM, JST
Spacing:13.7 Pts/Panel1350
Plate Name: 20140515



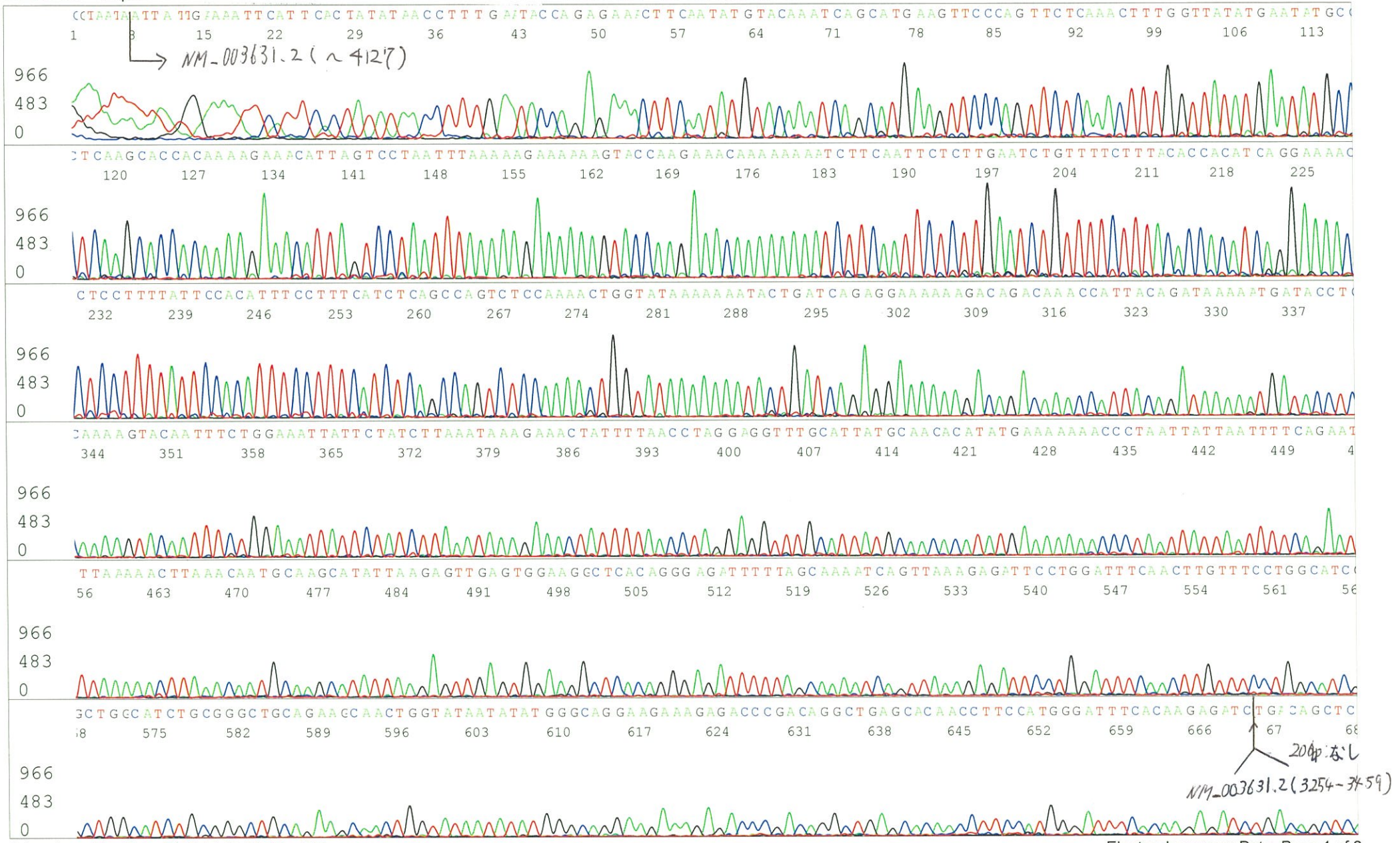
Applied Biosystems

S/N G:20 A:30 T:18 C:14
KB.bcp
KB 1.4.1.8 Cap:9

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

7676_RBb32F04_A4E7_GNPmixture_C06_09
7676_RBb32F04_A4E7_GNPmixture
KB_3500_POP7_BDTv3.mob
Pts 1585 to 14063 Pk1 Loc:1562
Version 5.4 HiSQV Bases: 746

Inst Model/Name 3500/3500 Instrument
May 15,2014 09:50AM, JST
May 15,2014 10:17AM, JST
Spacing:12.58 Pts/Panel1350
Plate Name: 20140515



Applied Biosystems

S/N G:20 A:30 T:18 C:14
KB.bcp
KB 1.4.1.8 Cap:9

7676_RBb32F04_A4E7_GNPmixture_C06_09
7676_RBb32F04_A4E7_GNPmixture
KB_3500_POP7_BDTv3.mob
Pts 1585 to 14063 Pk1 Loc:1562
Version 5.4 HiSQV Bases: 746

Inst Model/Name 3500/3500 Instrument
May 15,2014 09:50AM, JST
May 15,2014 10:17AM, JST
Spacing:12.58 Pts/Panel1350
Plate Name: 20140515

