NRCD Human Full-Length cDNA Clone

Gene Engineering Division
RIKEN BioResource Center

RIKEN Clone ID : RBd02C03

Vector : pGCAP10

Gene	TRMT61B		
RefSeq_mRNA	NM_017910.3	1856 bp	1..1856
	CDS	1434 bp	33..1466
	5'-terminal sequence	1852 bp	5..1856

● Plasmid DNA purification

Date : 130425

Culture : LB (100 ug/ml Ampicillin) 5 ml -> at 37 deg C over night

Date : 130426

Purification : QIAGEN Miniprep kit -> dH_2O 100 ul

● Digestion by restriction enzyme/Concentrarion calibration

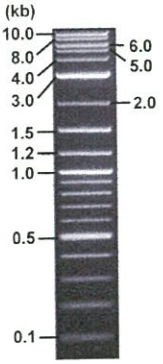
Date : 130426

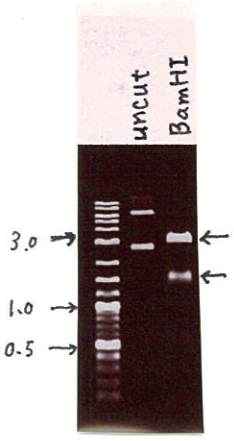
DNA concentration (O.D.): 193 ng/ul

DNA	0.2 ul
Enzyme (BamHI)	1 ul
Buffer H	1 ul
dH_2O	7.8 ul
Total	10 ul

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

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





<Expected size of fragment from RBd02C03 >

3138, 1504, 441, 8 bp (inference)

● Confirmation of the insertion sequence

Date : 130508

Primer A	pGCAP-F
Primer B	pGCAP-R
Primer C	Poly(A) region primer
List of Sequencing Primers	http://dna.brc.riken.jp/en/NRCDhum2en.html

● Adjustment of DNA concentration

Shipping amount : 40 ul

Concentration at the time of preparation of plasmid DNA : 25 ng/ul

Date : 130508

DNA (193 ng/ul)	80.0	ul
10x TE	61.8	ul
dH_2O	475.8	ul
Total	617.6	ul

APPROVED BY :

確認 13.5.08 笹沼

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

Applied Biosystems

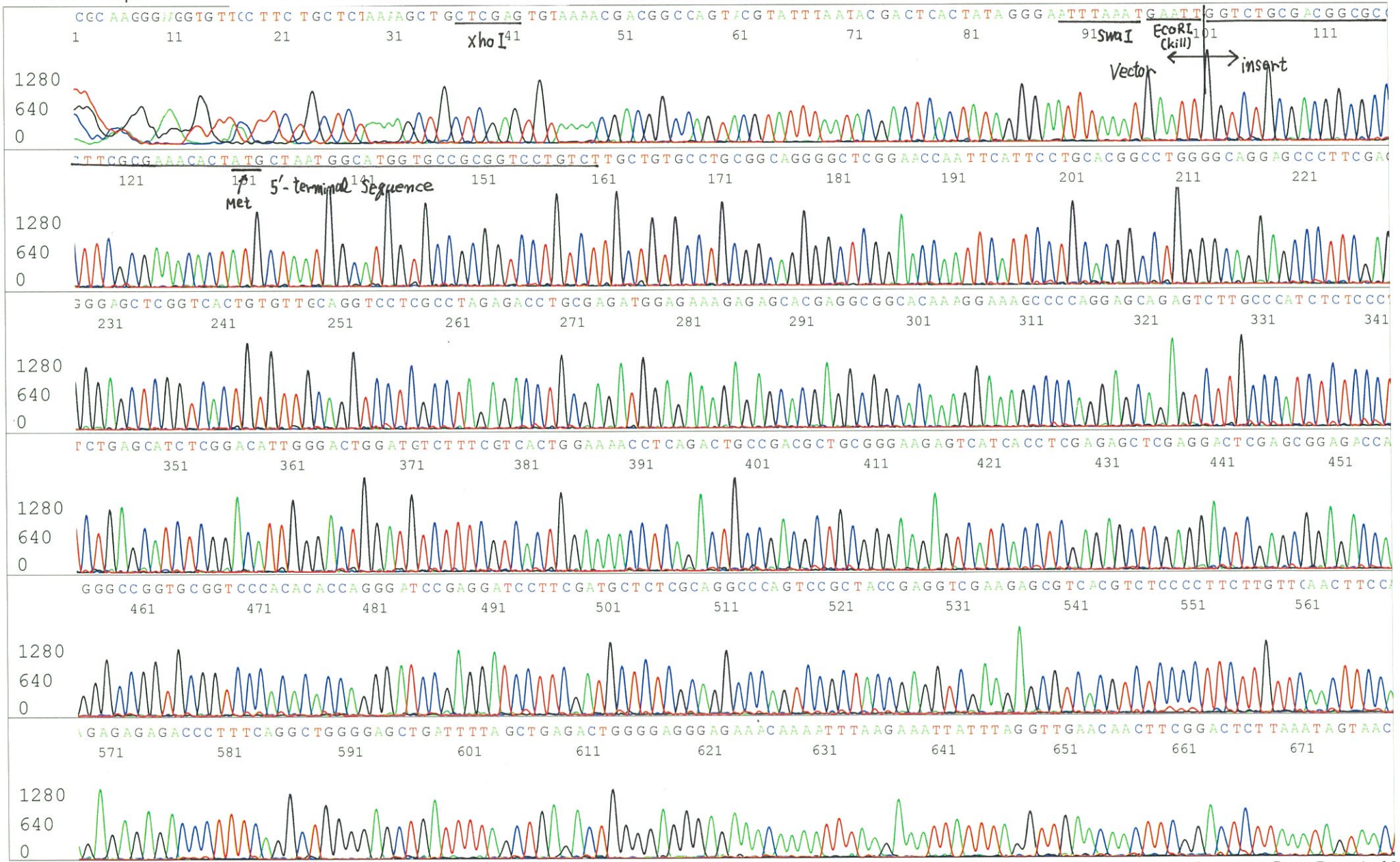
S/N G:34 A:23 T:19 C:21
KB.bcp
KB 1.4.1.8 Cap:2

Primer A : pGCAP-F

5' CTCAGTGGATGTTGCCTTTAC 3'

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7677_RBd02C03_A3Df_pGCAP_F
KB_3500_POP7_BDTv3.mob
Pts 1436 to 13596 Pk1 Loc:1413
Version 5.4 HiSQV Bases: 1027

Inst Model/Name 3500/3500 Instrument
Apr 26,2013 02:44PM, JST
Apr 26,2013 03:11PM, JST
Spacing:11.9 Pts/Panel1350
Plate Name: 20130426_Mix-2

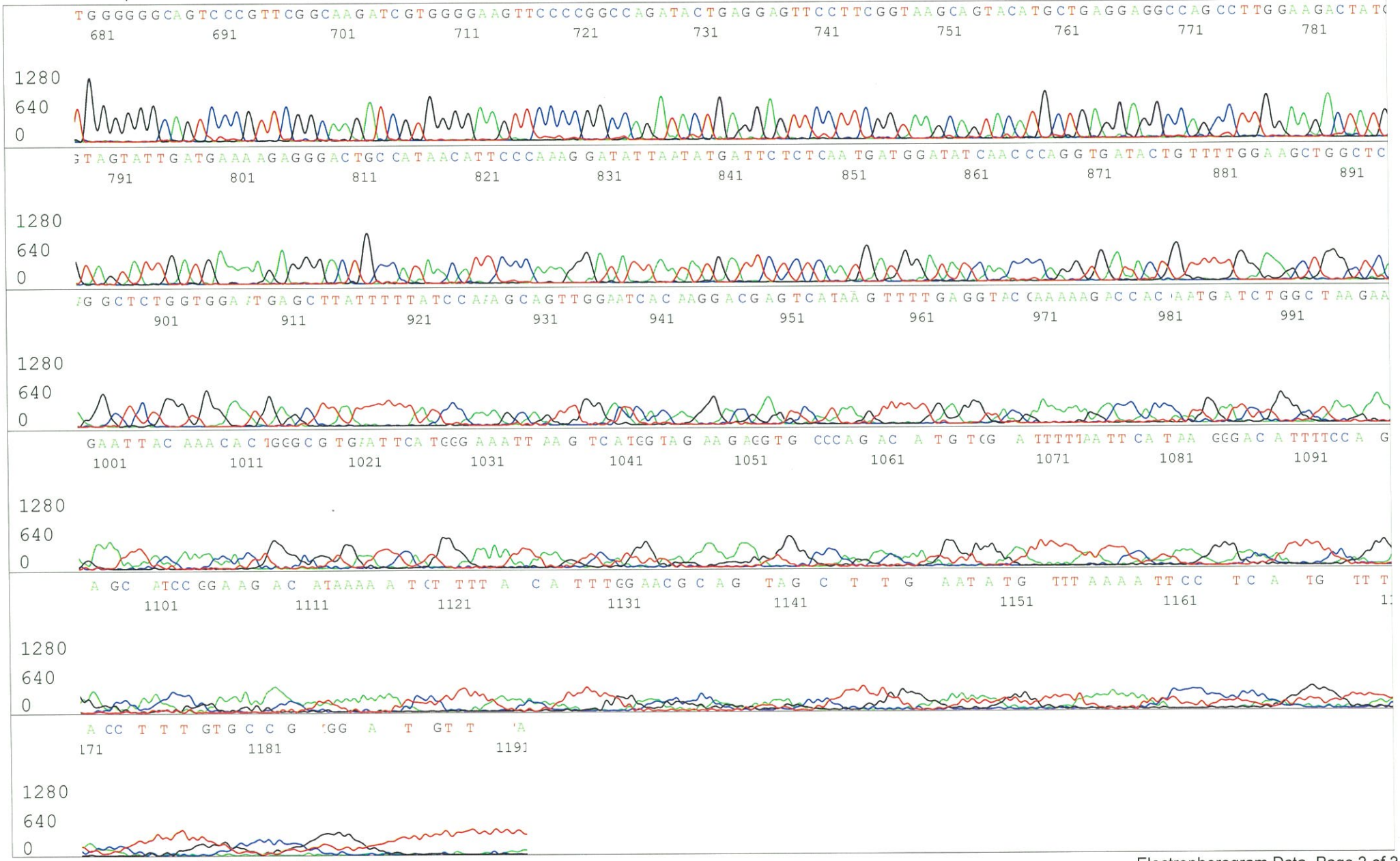


Applied Biosystems

S/N G:34 A:23 T:19 C:21
KB.bcp
KB 1.4.1.8 Cap:2

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Pts 1436 to 13596 Pk1 Loc:1413
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Inst Model/Name 3500/3500 Instrument
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Plate Name: 20130426_Mix-2



Applied Biosystems

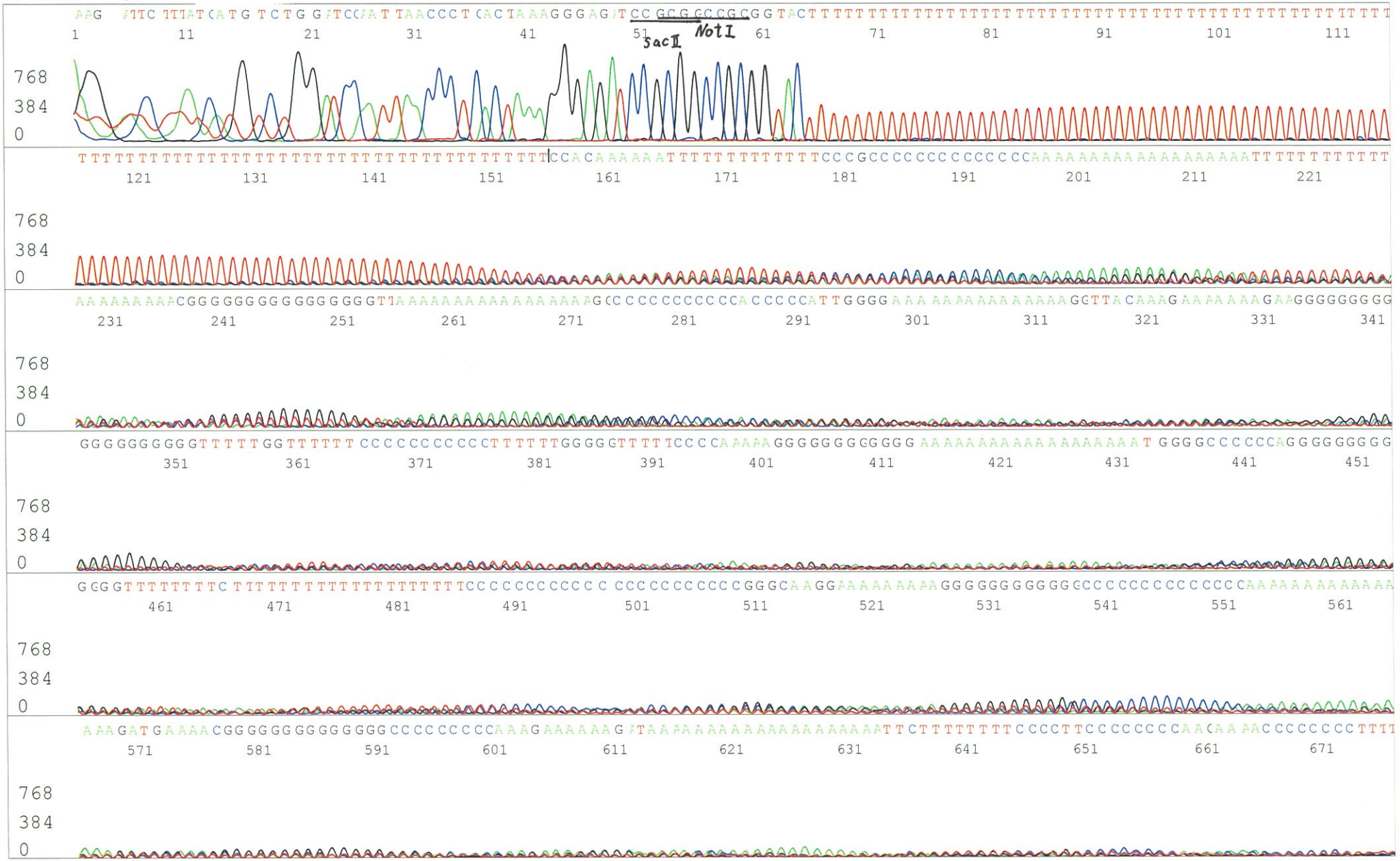
S/N G:46 A:41 T:61 C:31
KB.bcp
KB 1.4.1.8 Cap:5

Primer B : pGCAP-R

5' GCATTCTAGTTGTGGTTTGTCC 3'

7677_RBd02C03_A3Df_pGCAP_R_B11_05
7677_RBd02C03_A3Df_pGCAP_R
KB_3500_POP7_BDTv3.mob
Pts 1454 to 13706 Pk1 Loc:1431
Version 5.4 HiSQV Bases: 214

Inst Model/Name 3500/3500 Instrument
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Plate Name: 20130426_Mix-2

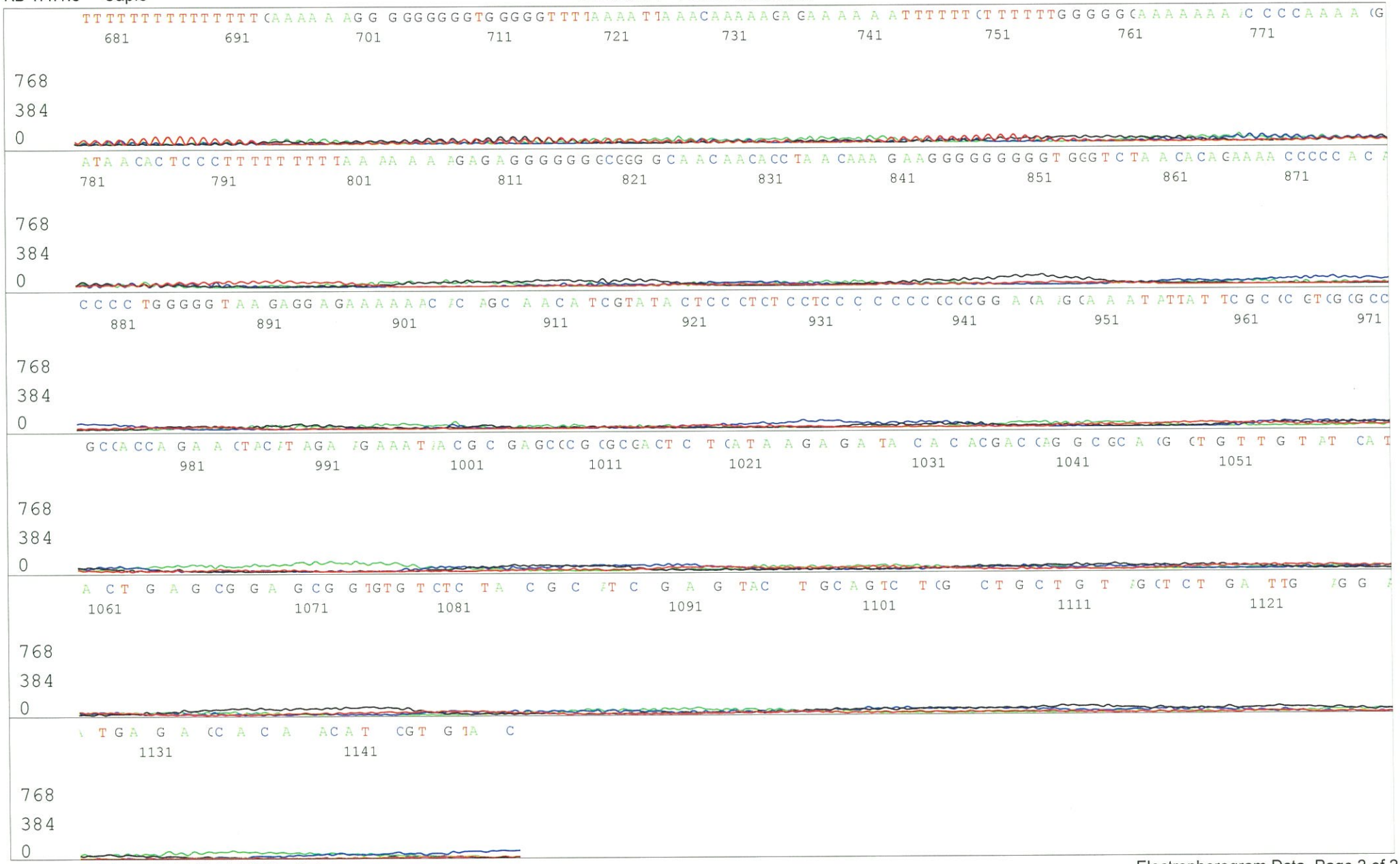


Applied Biosystems

S/N G:46 A:41 T:61 C:31
KB.bcp
KB 1.4.1.8 Cap:5

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7677_RBd02C03_A3Df_pGCAP_R
KB_3500_POP7_BDTv3.mob
Pts 1454 to 13706 Pk1 Loc:1431
Version 5.4 HiSQV Bases: 214

Inst Model/Name 3500/3500 Instrument
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Apr 26,2013 03:11PM, JST
Spacing:12.2 Pts/Panel1350
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Applied Biosystems

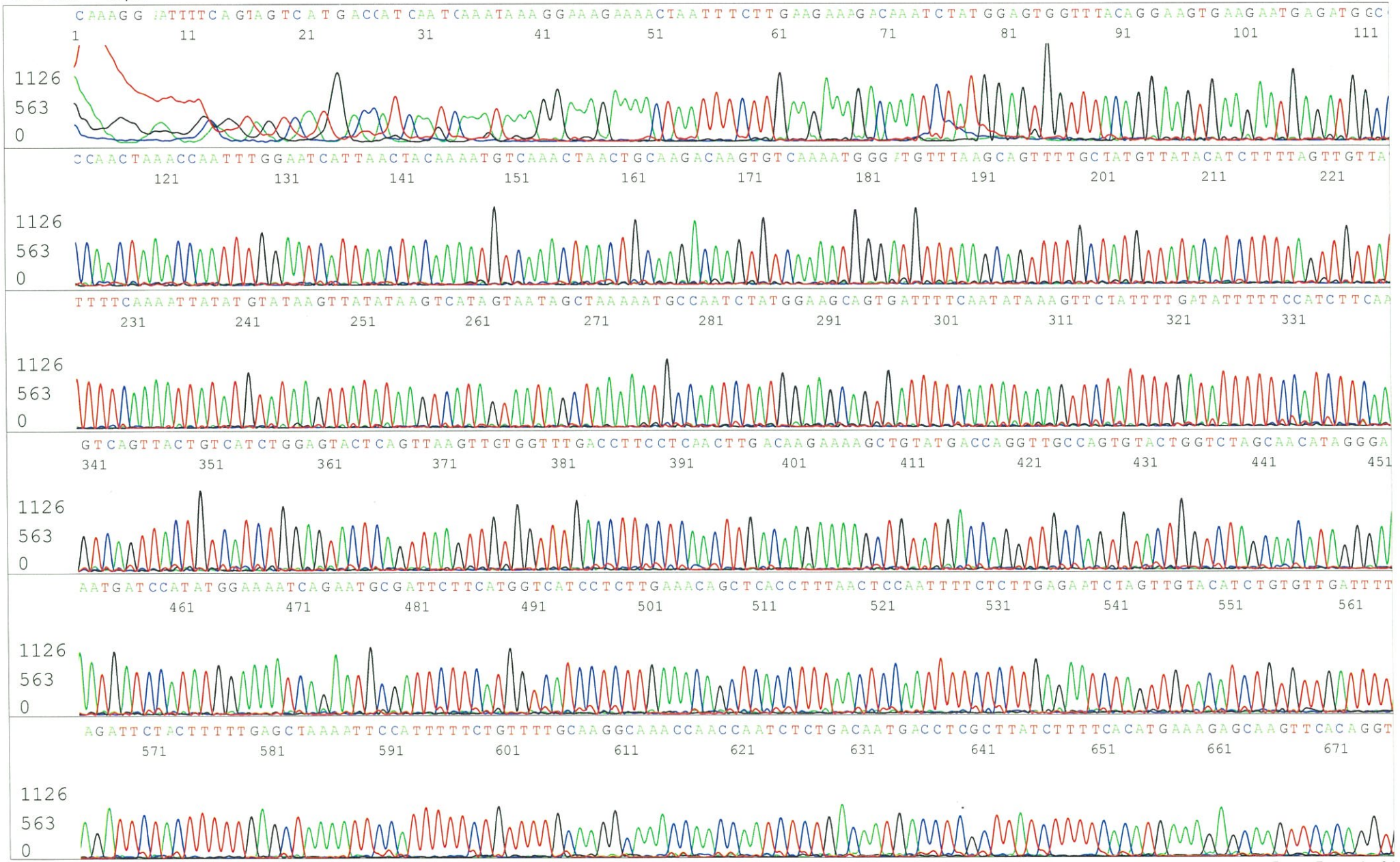
S/N G:92 A:123 T:90 C:67
KB.bcp
KB 1.4.1.8 Cap:2

Primer C : Poly(A) region primer #0

5' TTTTTTTTTTTTTTTTTTTTNNN 3'

7677_RBd02C03_A3Df_GNPmixture_A08_02
7677_RBd02C03_A3Df_GNPmixture
KB_3500_POP7_BDTv3.mob
Pts 1497 to 13554 Pk1 Loc:1474
Version 5.4 HiSQV Bases: 1005

Inst Model/Name 3500/3500 Instrument
May 08,2013 10:57AM, JST
May 08,2013 11:24AM, JST
Spacing:11.96 Pts/Panel1350
Plate Name: 20130508_GNP



Applied Biosystems

S/N G:92 A:123 T:90 C:67
KB.bcp
KB 1.4.1.8 Cap:2

7677_RBd02C03_A3Df_GNPmixture_A08_02
7677_RBd02C03_A3Df_GNPmixture
KB_3500_POP7_BDTv3.mob
Pts 1497 to 13554 Pk1 Loc:1474
Version 5.4 HiSQV Bases: 1005

Inst Model/Name 3500/3500 Instrument
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May 08,2013 11:24AM, JST
Spacing:11.96 Pts/Panel1350
Plate Name: 20130508_GNP

