NRCD Human Full-Length cDNA Clone

Gene Engineering Division
RIKEN BioResource Center

RIKEN_Clone_ID : ARe78G02

Lot# : 7672_A4Aa

Vector : pKA1U5

Gene	PVRL2		
RefSeq_mRNA	NM_002856.2	2166 bp	1..2166
	CDS	1440 bp	391..1830
	5' position		195

● Plasmid DNA purification

Date : 140114 Culture : LB (100 ug/ml Ampicillin) 5 ml -> at 37 deg C O/N

Date : 140115 Purification : QIAGEN Miniprep kit -> dH_2O 100 ul

● Digestion by restriction enzyme/Concentrarion calibration

Date : 140115

DNA concentration (O.D.): 198 ng/ul

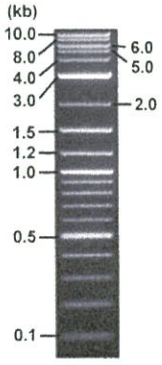
<Size of fragment expected from ARe78G02 >

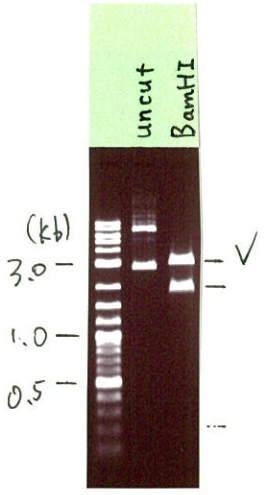
BamHI 3183(vector), 2028, 208 bp (unsure)

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)





● Confirmation of the insertion sequence

Date : 140117

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

● Adjustment of DNA concentration

Shipping amount : 40 ul

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

Date : 140120

DNA (198 ng/ul)	88.0 ul
10x TE	69.7 ul
dH_2O	539.3 ul
Total	697.0 ul

APPROVED BY : 確認 14.1.20 中島

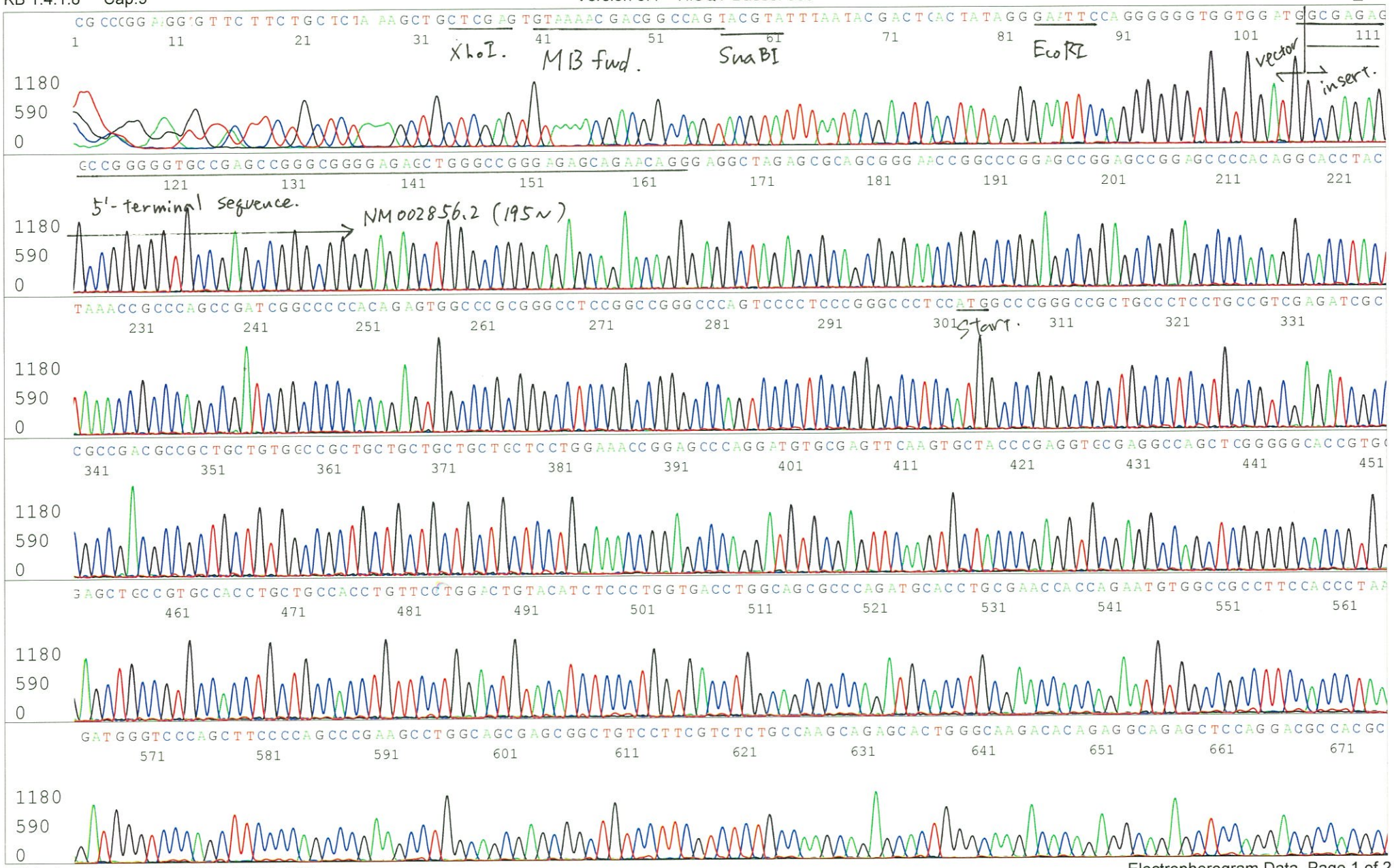
Applied Biosystems

S/N G:127 A:103 T:80 C:115 Primer A : pGCAP-F
KB.bcp
KB 1.4.1.8 Cap:9

5' CTCAGTGGATGTTGCCTTTAC 3'

7672_ARe78G02_A4Aa_pGCAP_F_C09_09
7672_ARe78G02_A4Aa_pGCAP_F
KB_3500_POP7_BDTv3.mob
Pts 1434 to 13310 Pk1 Loc:1411
Version 5.4 HiSQV Bases: 989

Inst Model/Name 3500/3500 Instrument
Jan 17,2014 12:12PM, JST
Jan 17,2014 12:42PM, JST
Spacing:11.74 Pts/Panel1350
Plate Name: 20140117_mix

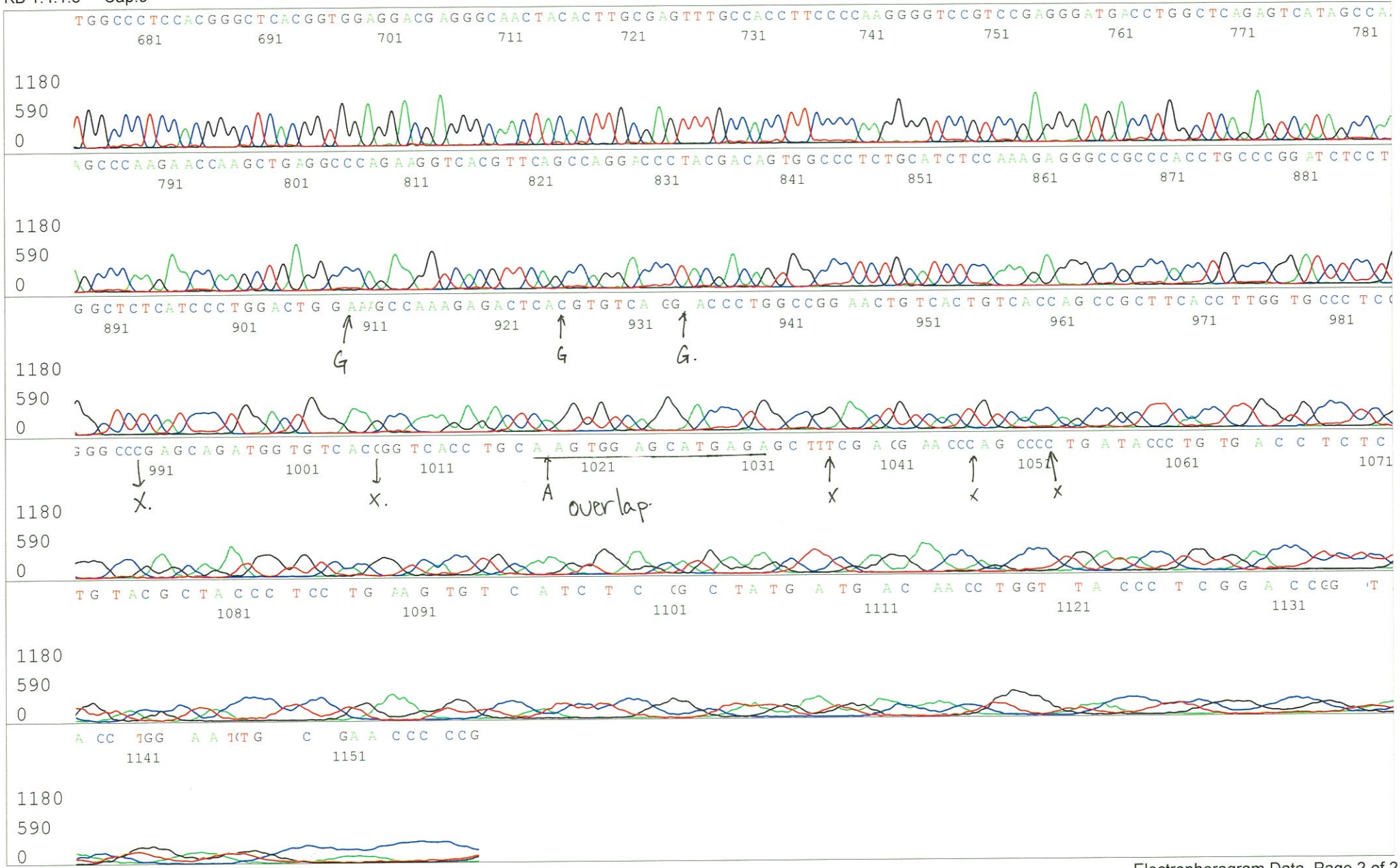


Applied Biosystems

S/N G:127 A:103 T:80 C:115
KB.bcp
KB 1.4.1.8 Cap:9

7672_ARe78G02_A4Aa_pGCAP_F_C09_09
7672_ARe78G02_A4Aa_pGCAP_F
KB_3500_POP7_BDTv3.mob
Pts 1434 to 13310 Pk1 Loc:1411
Version 5.4 HiSQV Bases: 989

Inst Model/Name 3500/3500 Instrument
Jan 17,2014 12:12PM, JST
Jan 17,2014 12:42PM, JST
Spacing:11.74 Pts/Panel1350
Plate Name: 20140117_mix



Applied Biosystems

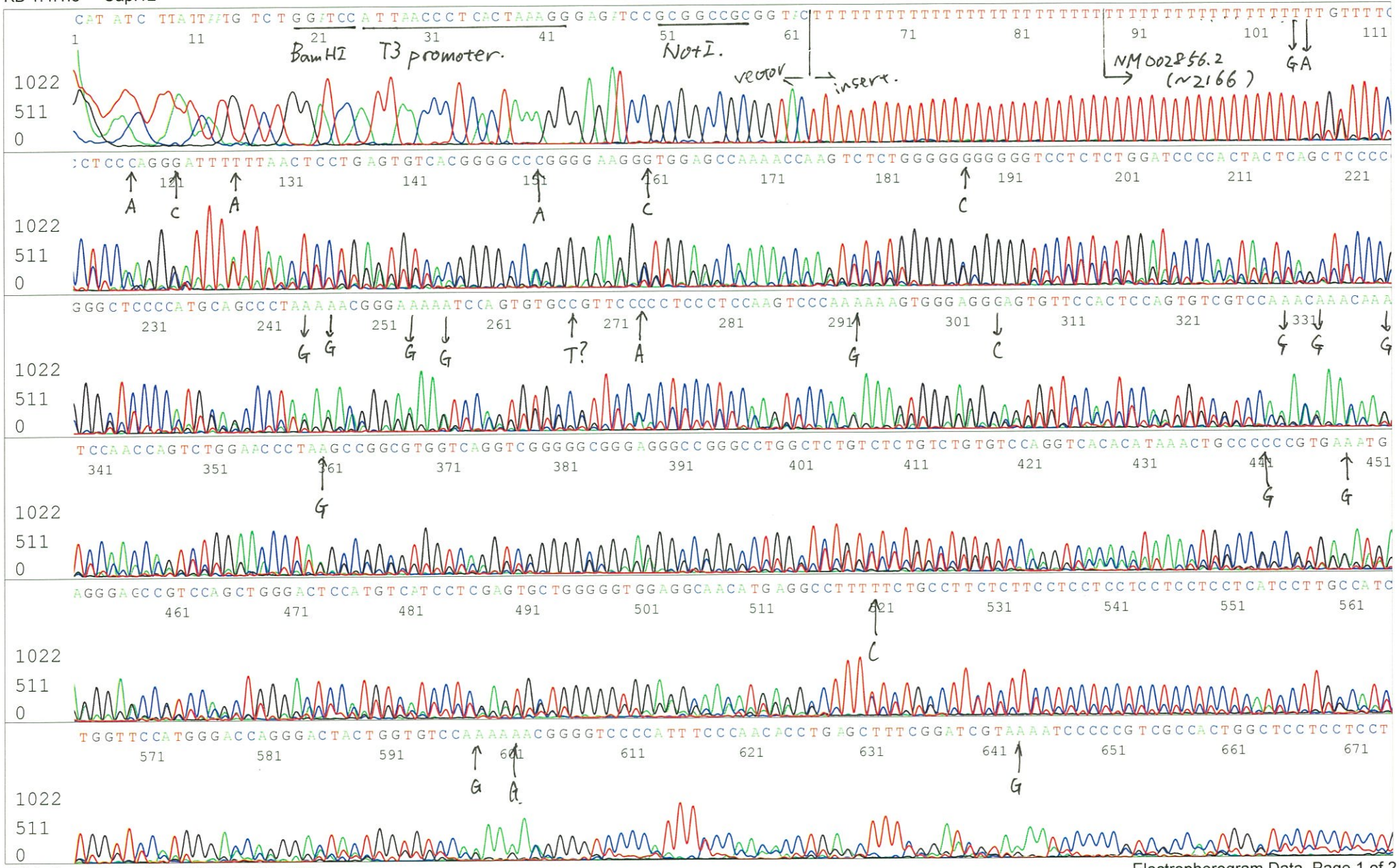
S/N G:30 A:23 T:26 C:25
KB.bcp
KB 1.4.1.8 Cap:12

Primer B : pGCAP-R

5' GCATTCTAGTTGTGGTTTGTCC 3'

7672_ARe78G02_A4Aa_pGCAP_R_D09_12
7672_ARe78G02_A4Aa_pGCAP_R
KB_3500_POP7_BDTv3.mob
Pts 1431 to 13206 Pk1 Loc:1408
Version 5.4 HiSQV Bases: 746

Inst Model/Name 3500/3500 Instrument
Jan 17,2014 12:12PM, JST
Jan 17,2014 12:42PM, JST
Spacing:11.65 Pts/Panel1350
Plate Name: 20140117_mix

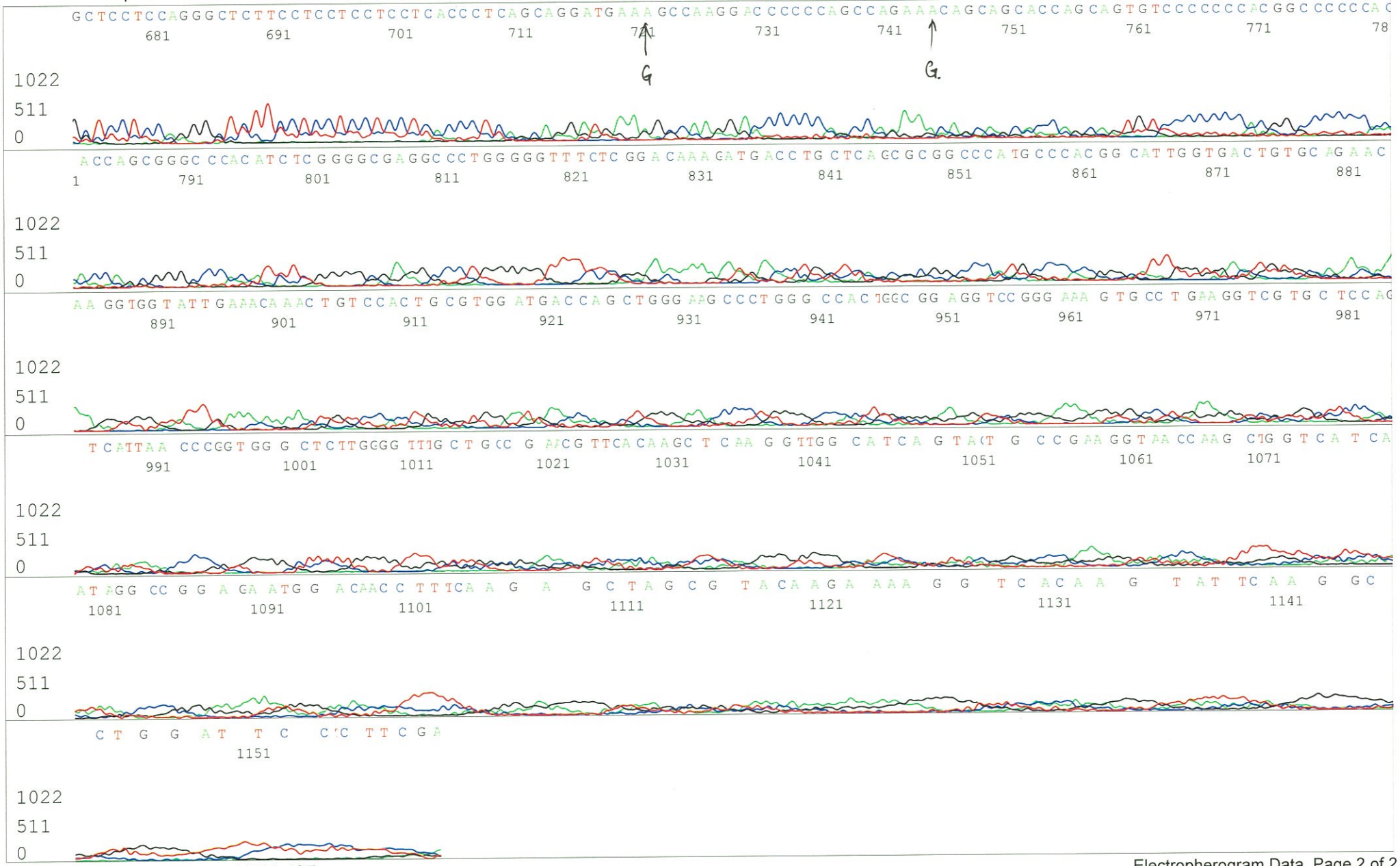


Applied Biosystems

S/N G:30 A:23 T:26 C:25
KB.bcp
KB 1.4.1.8 Cap:12

7672_ARe78G02_A4Aa_pGCAP_R_D09_12
7672_ARe78G02_A4Aa_pGCAP_R
KB_3500_POP7_BDTv3.mob
Pts 1431 to 13206 Pk1 Loc:1408
Version 5.4 HiSQV Bases: 746

Inst Model/Name 3500/3500 Instrument
Jan 17,2014 12:12PM, JST
Jan 17,2014 12:42PM, JST
Spacing:11.65 Pts/Panel1350
Plate Name: 20140117_mix



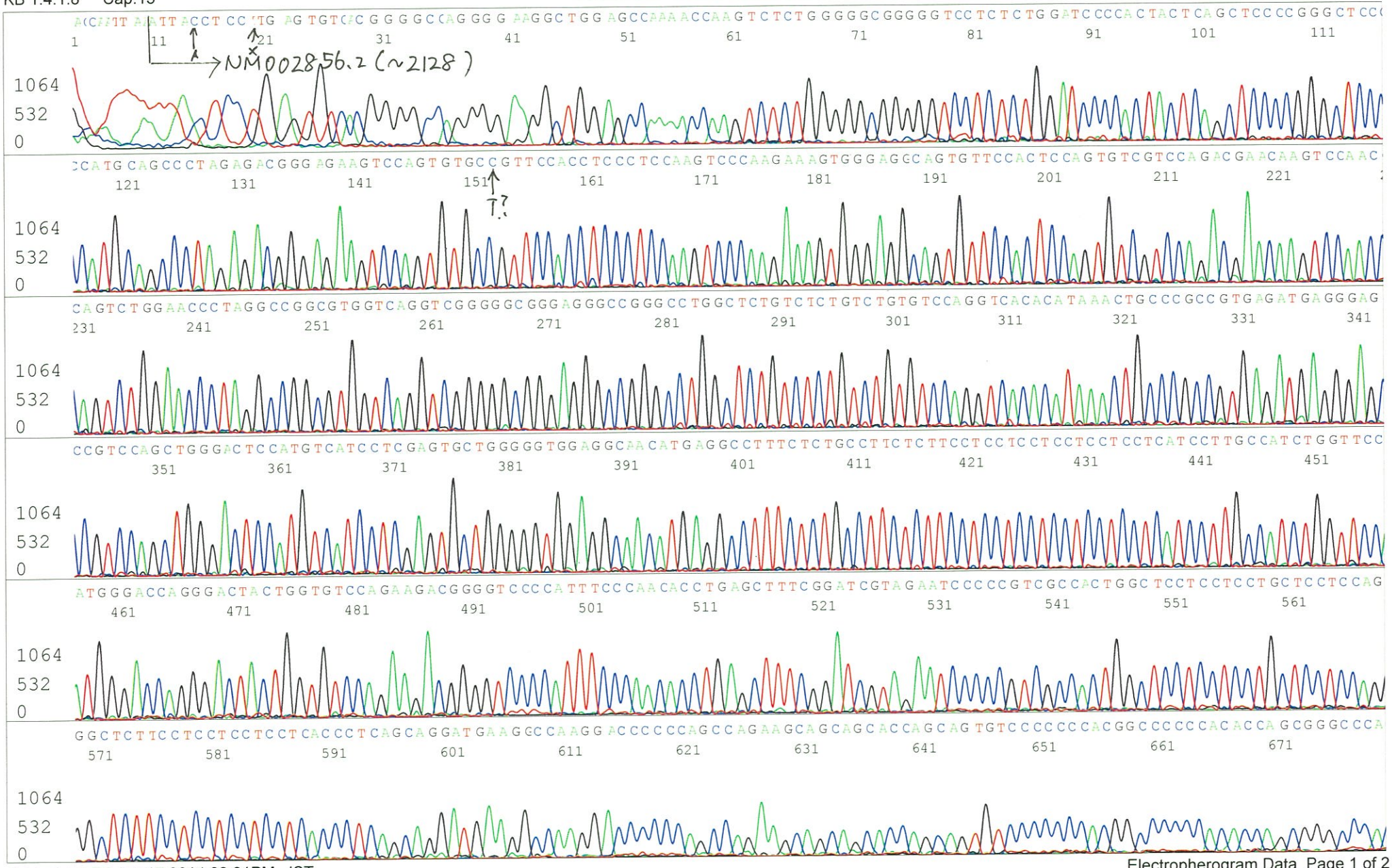
Applied Biosystems

S/N G:36 A:23 T:24 C:25
KB.bcp
KB 1.4.1.8 Cap:15

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

7672_ARe78G02_A4Aa_GNPmixture_E09_15
7672_ARe78G02_A4Aa_GNPmixture
KB_3500_POP7_BDTv3.mob
Pts 1420 to 13316 Pk1 Loc:1397
Version 5.4 HiSQV Bases: 999

Inst Model/Name 3500/3500 Instrument
Jan 17,2014 12:12PM, JST
Jan 17,2014 12:42PM, JST
Spacing:11.75 Pts/Panel1350
Plate Name: 20140117_mix

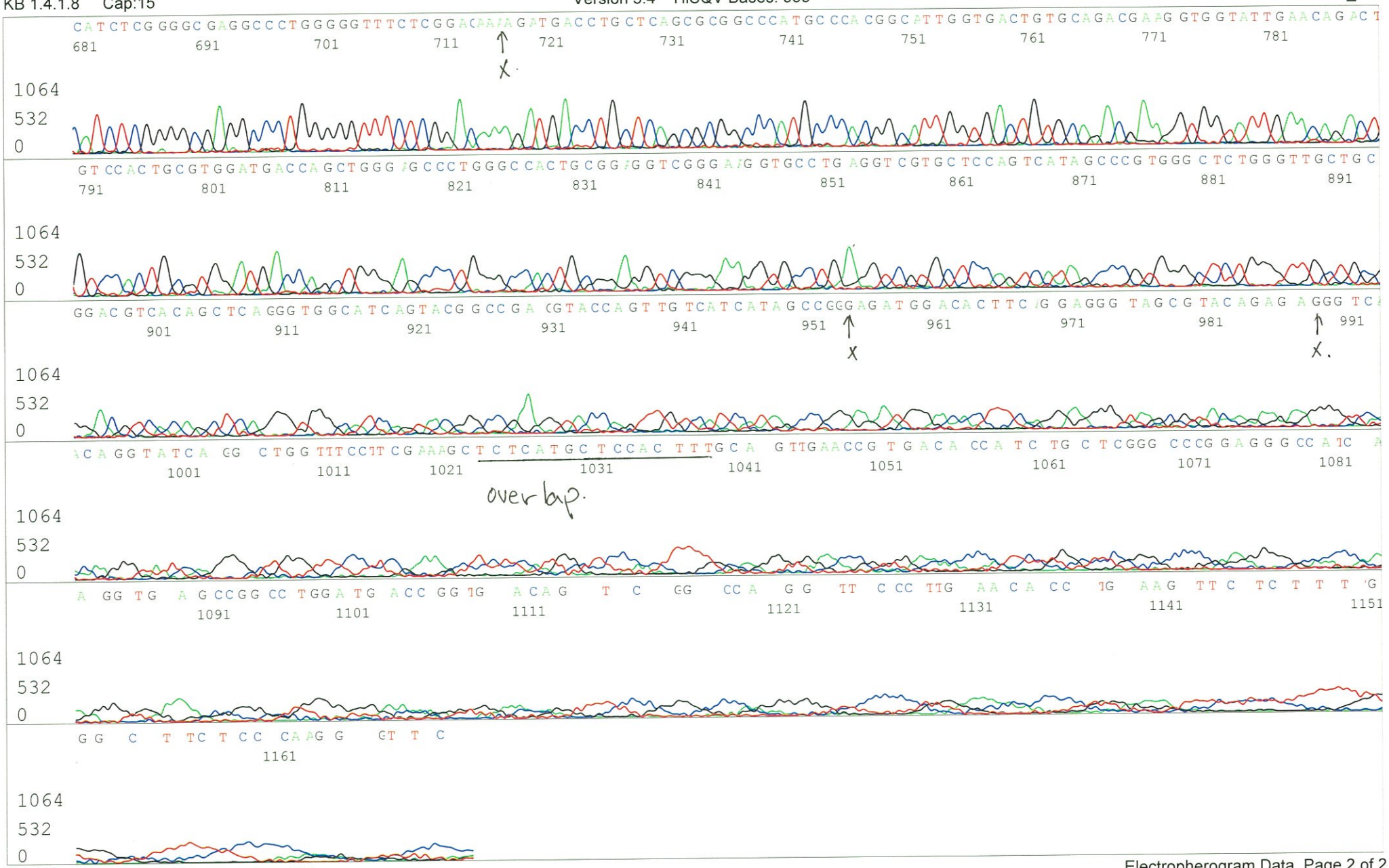


Applied Biosystems

S/N G:36 A:23 T:24 C:25
KB.bcp
KB 1.4.1.8 Cap:15

7672_ARe78G02_A4Aa_GNPmixture_E09_15
7672_ARe78G02_A4Aa_GNPmixture
KB_3500_POP7_BDTv3.mob
Pts 1420 to 13316 Pk1 Loc:1397
Version 5.4 HiSQV Bases: 999

Inst Model/Name 3500/3500 Instrument
Jan 17,2014 12:12PM, JST
Jan 17,2014 12:42PM, JST
Spacing:11.75 Pts/Panel1350
Plate Name: 20140117_mix



Printed on: Fri Jan 17,2014 02:31PM, JST