NRCD Human Full-Length cDNA Clone

Gene Engineering Division
RIKEN BioResource Center

RIKEN_Clone_ID : ARe65A09

Lot# : 7672_A4Aa

Vector : pKA1U5

Gene	PVRL2		
RefSeq_mRNA	NM_002856.2	2166 bp	1..2166
	CDS	1440 bp	391..1830
	5' position		218

● Plasmid DNA purification

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

Date : 140116 Purification : QIAGEN Miniprep kit -> dH_2O 100 ul

● Digestion by restriction enzyme/Concentrarion calibration

Date : 140116

DNA concentration (O.D.): 107 ng/ul

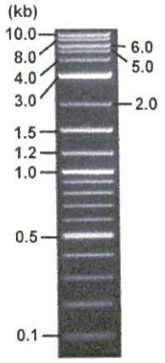
DNA	0.5 ul
Enzyme (BamHI)	1 ul
Buffer H	1 ul
dH_2O	7.5 ul
Total	10 ul

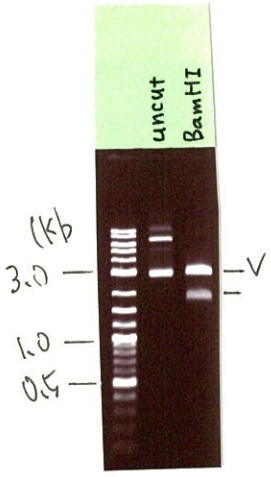
<Size of fragment expected from ARe65A09 >

BamHI 3183(vector), 2005, 158 bp (unsure)

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 (107 ng/ul)	85.0 ul
10x TE	36.4 ul
dH_2O	242.4 ul
Total	363.8 ul

APPROVED BY :

確認 14.1.20 中島

Applied Biosystems

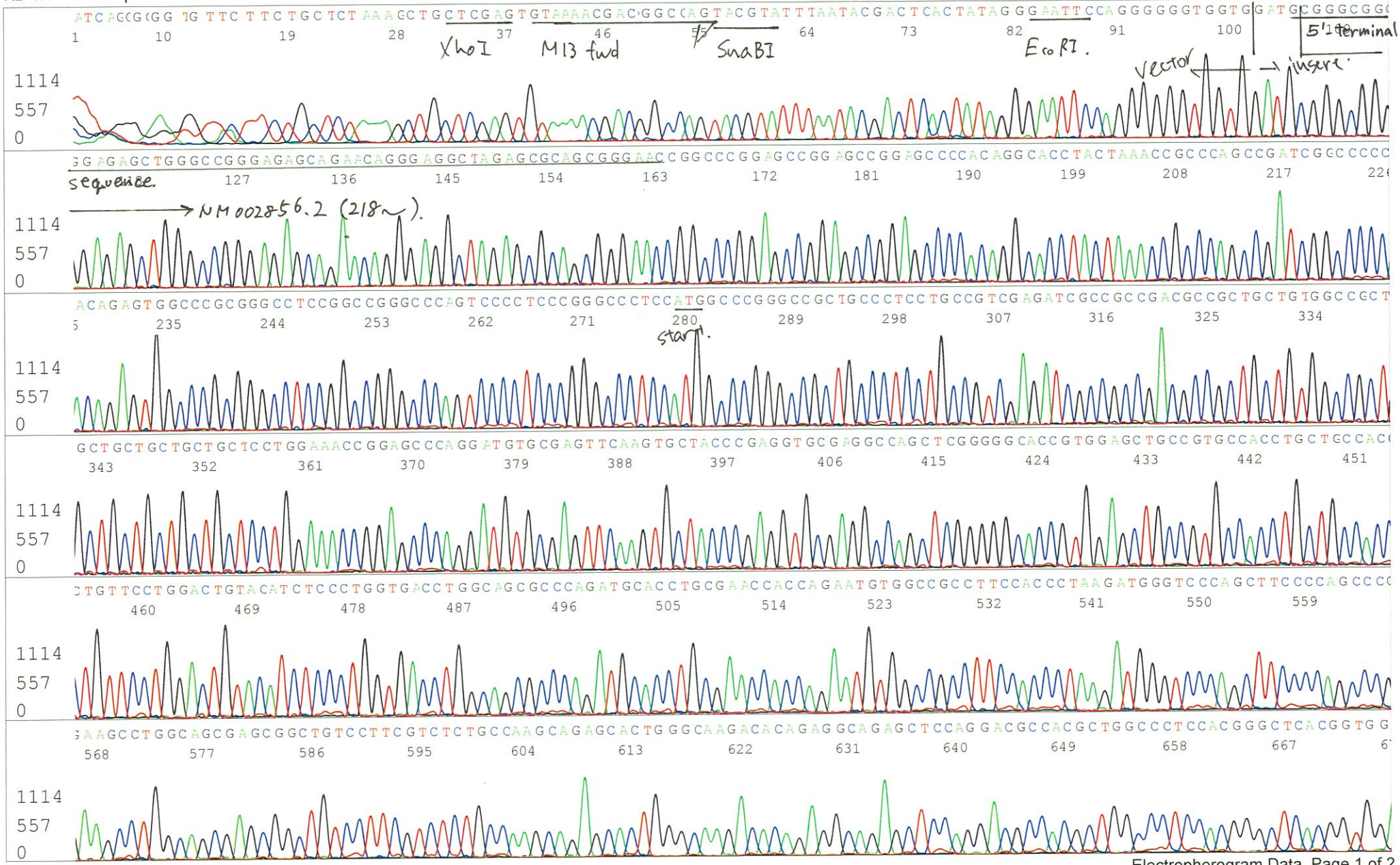
S/N G:77 A:57 T:43 C:50
KB.bcp
KB 1.4.1.8 Cap:16

Primer A : pGCAP-F

5' CTCAGTGGATGTTGCCTTTAC 3'

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7672_ARe65A09_A4Aa_pGCAP_F
KB_3500_POP7_BDTv3.mob
Pts 1407 to 13177 Pk1 Loc:1384
Version 5.4 HiSQV Bases: 1009

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Jan 17,2014 02:47PM, JST
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Plate Name: 20140117_mix

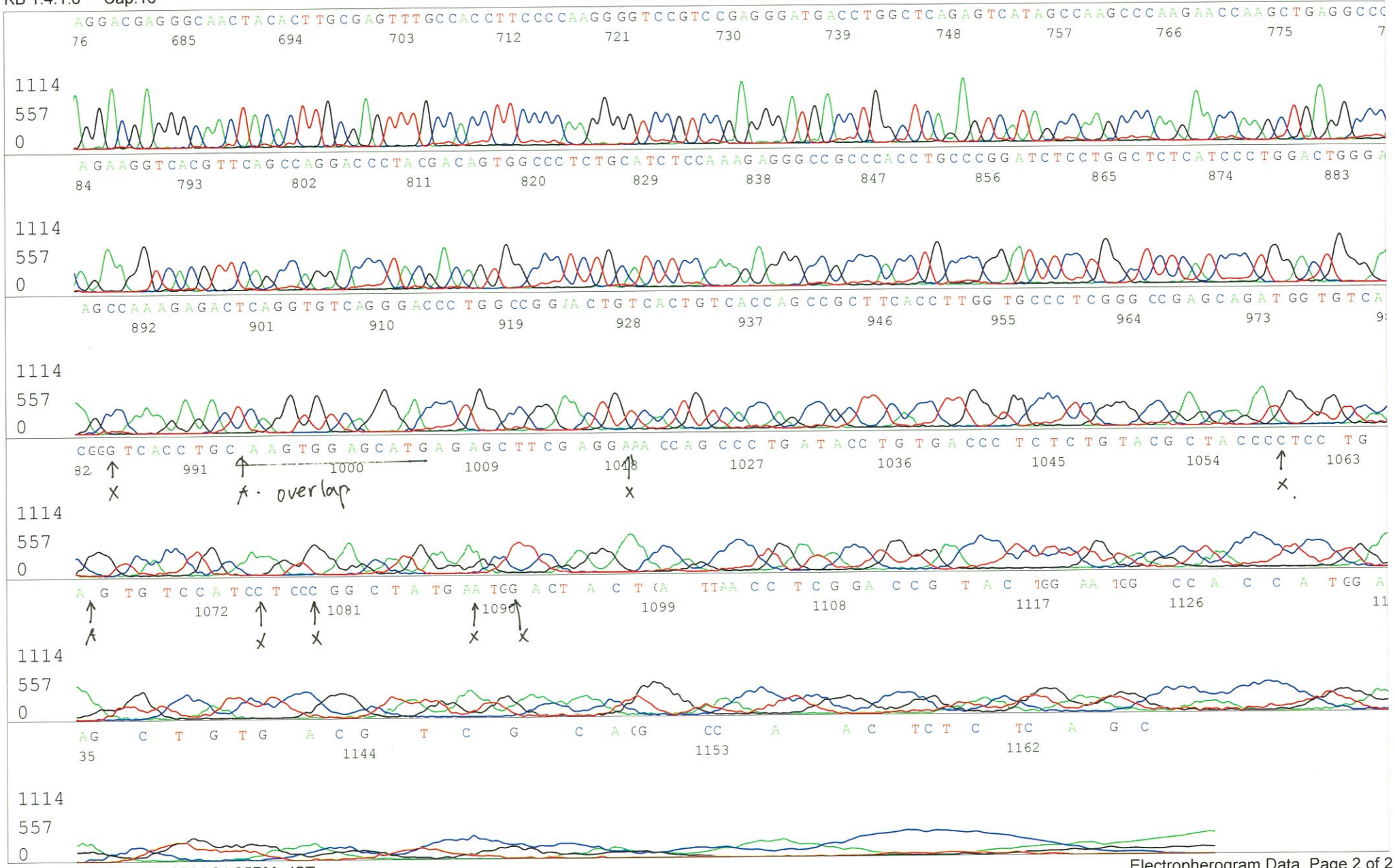


Applied Biosystems

S/N G:77 A:57 T:43 C:50
KB.bcp
KB 1.4.1.8 Cap:16

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KB_3500_POP7_BDTv3.mob
Pts 1407 to 13177 Pk1 Loc:1384
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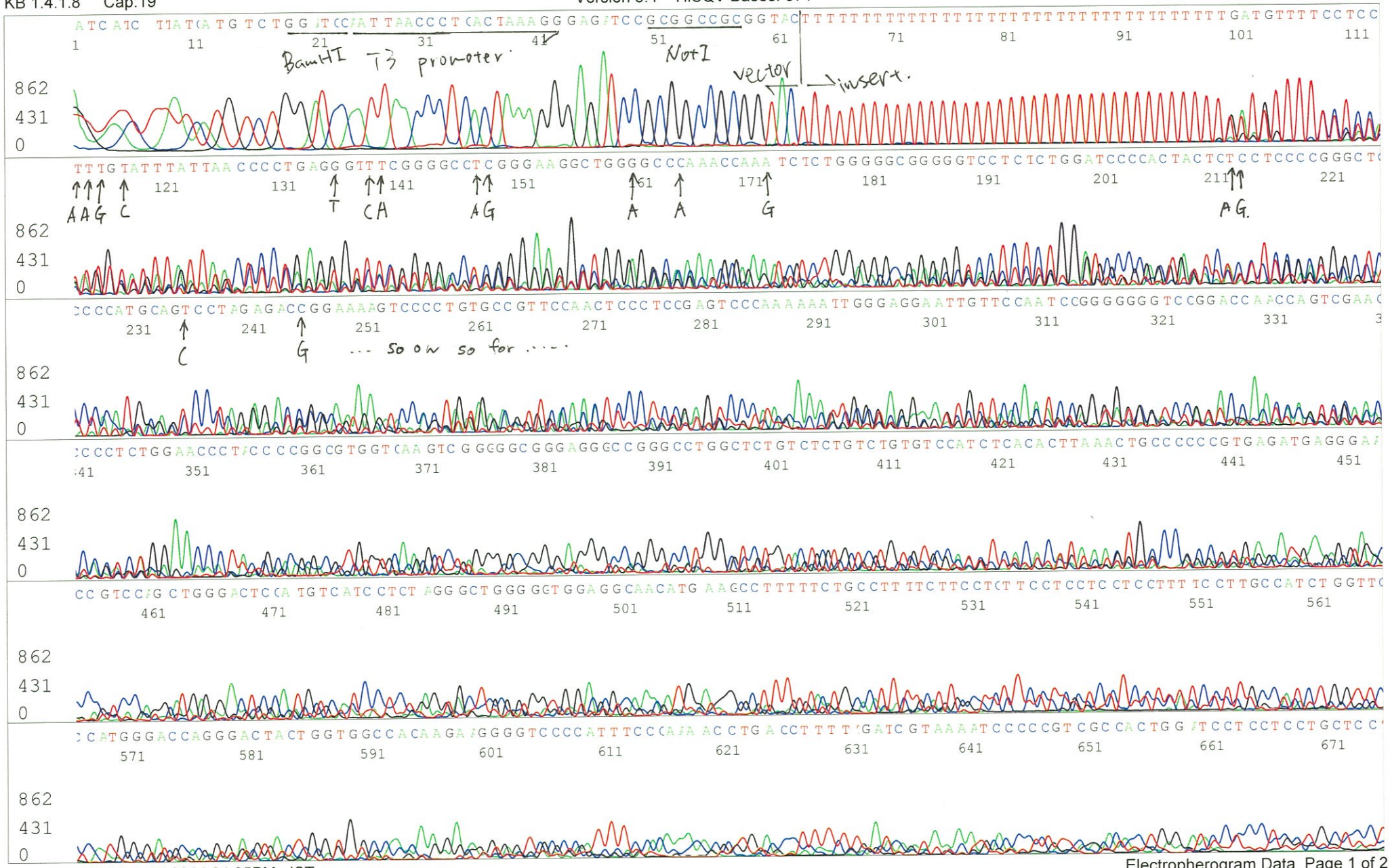
Applied Biosystems

S/N G:335 A:242 T:252 C:2
KB.bcp
KB 1.4.1.8 Cap:19

Primer B : pGCAP-R
5' GCATTCTAGTTGTGGTTTGTCC 3'

7672_ARe65A09_A4Aa_pGCAP_R_G10_19
7672_ARe65A09_A4Aa_pGCAP_R
KB_3500_POP7_BDTv3.mob
Pts 1416 to 13130 Pk1 Loc:1393
Version 5.4 HiSQV Bases: 371

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Plate Name: 20140117_mix

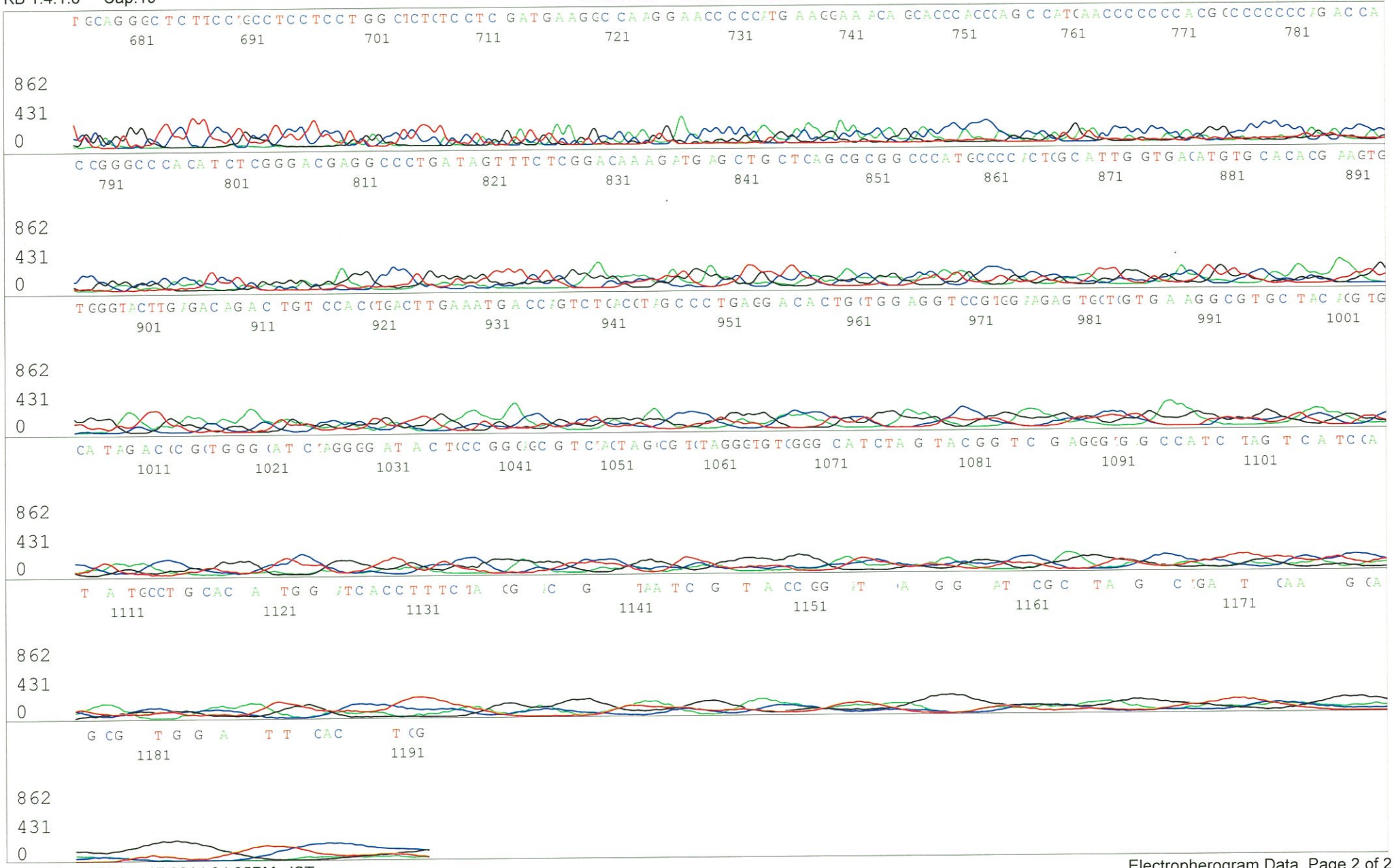


Applied Biosystems

S/N G:335 A:242 T:252 C:212
KB.bcp
KB 1.4.1.8 Cap:19

7672_ARe65A09_A4Aa_pGCAP_R_G10_19
7672_ARe65A09_A4Aa_pGCAP_R
KB_3500_POP7_BDTv3.mob
Pts 1416 to 13130 Pk1 Loc:1393
Version 5.4 HiSQV Bases: 371

Inst Model/Name 3500/3500 Instrument
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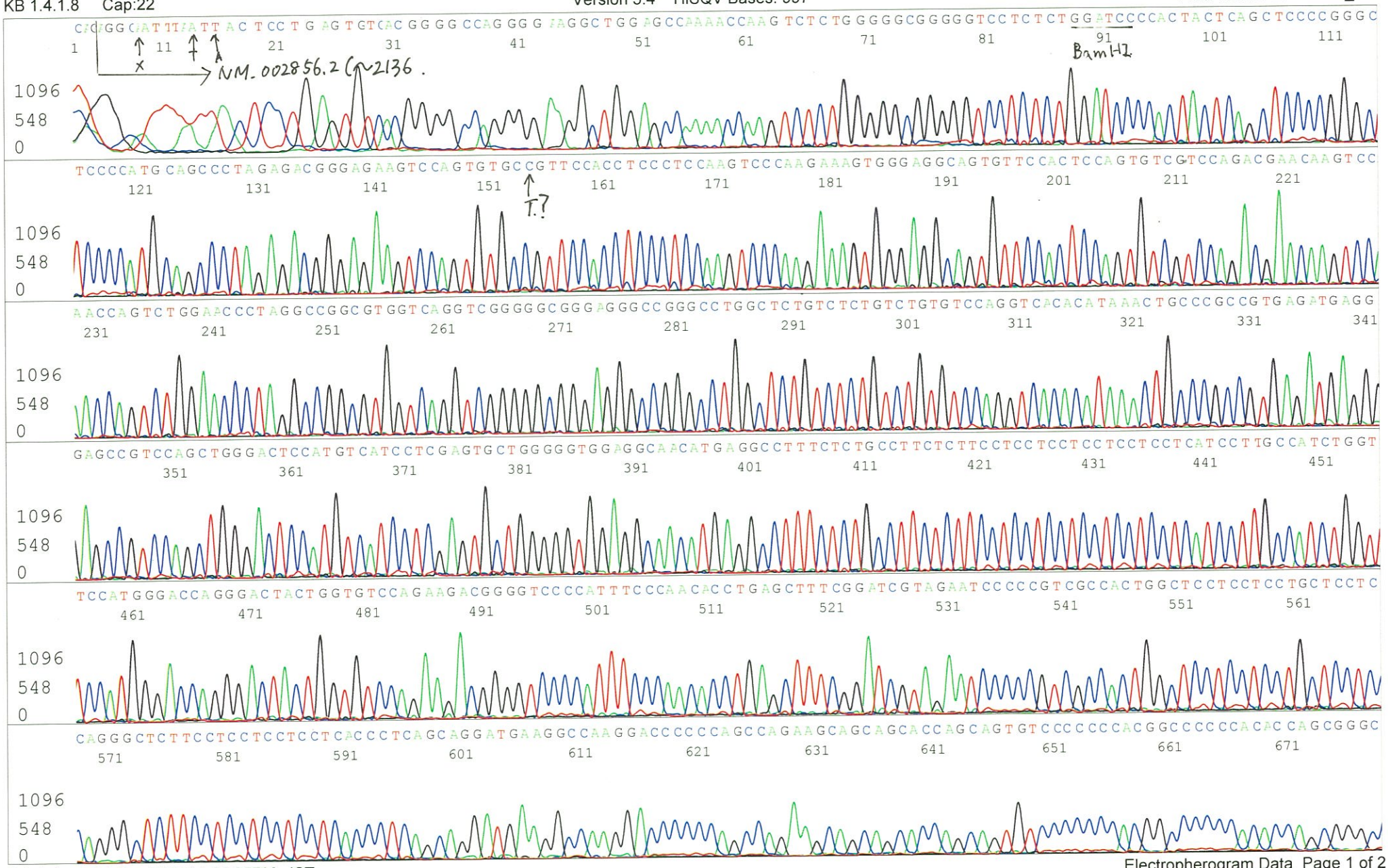
Applied Biosystems

S/N G:125 A:89 T:103 C:86
KB.bcp
KB 1.4.1.8 Cap:22

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

7672_ARe65A09_A4Aa_GNPmixture_H10_22
7672_ARe65A09_A4Aa_GNPmixture
KB_3500_POP7_BDTv3.mob
Pts 1400 to 13376 Pk1 Loc:1377
Version 5.4 HiSQV Bases: 997

Inst Model/Name 3500/3500 Instrument
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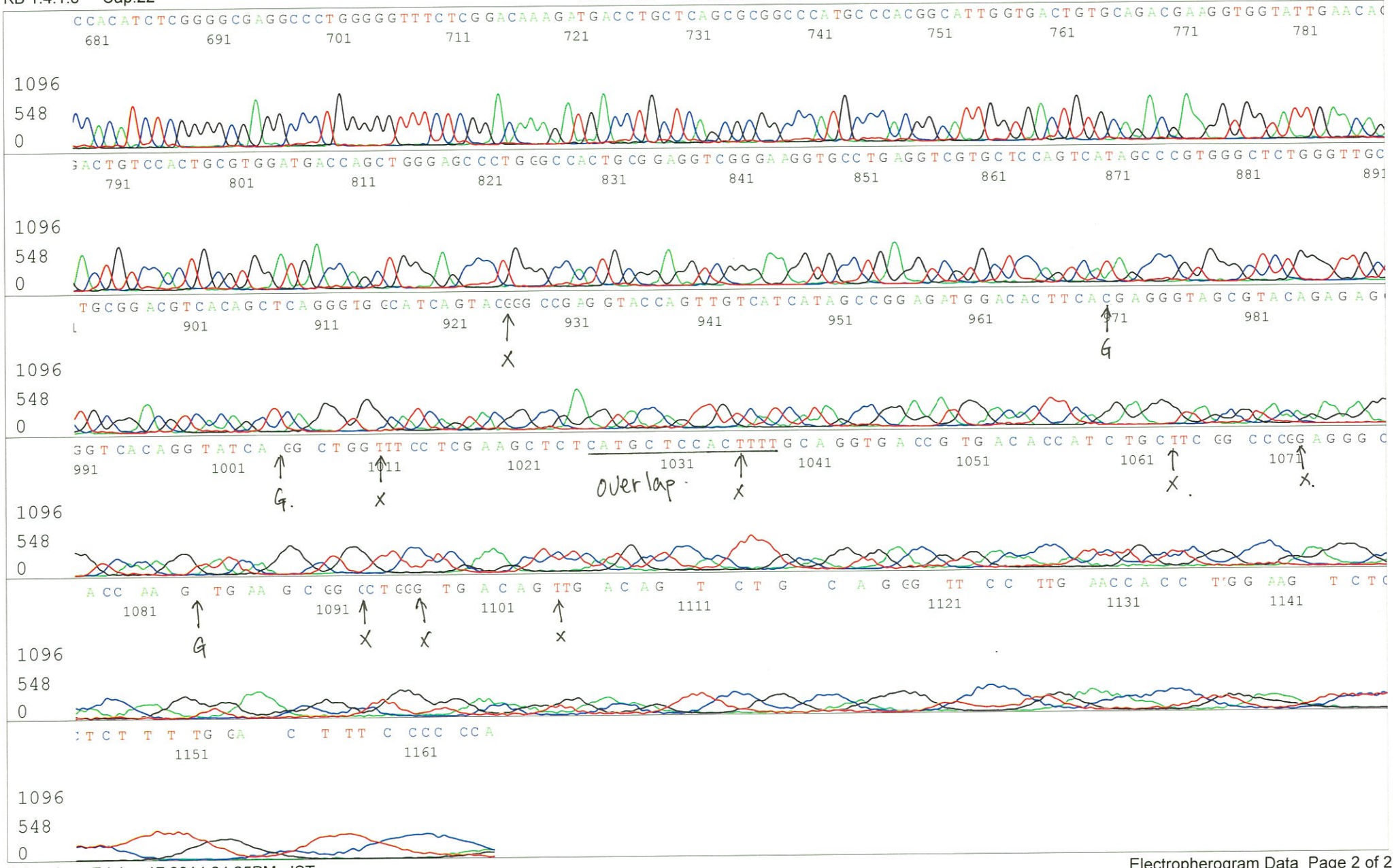


Applied Biosystems

S/N G:125 A:89 T:103 C:86
KB.bcp
KB 1.4.1.8 Cap:22

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7672_ARe65A09_A4Aa_GNPmixture
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Pts 1400 to 13376 Pk1 Loc:1377
Version 5.4 HiSQV Bases: 997

Inst Model/Name 3500/3500 Instrument
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Printed on: Fri Jan 17,2014 04:25PM, JST