NRCD Human Full-Length cDNA Clone

Gene Engineering Division
RIKEN BioResource Center

RIKEN_Clone_ID : RBdS110F05

Lot# : 6608_A3Lp

Vector : pGCAP10

Gene	CKAP5	
RefSeq_mRNA	NM_001008938.	6730 bp	1..6730
	CDS	6099 bp	127..6225
	5' position		31

● Plasmid DNA purification

Date : 131226 Culture : LB (100 ug/ml Ampicillin) 5 ml -> at 37 deg C O/N

Date : 140107 Purification : QIAGEN Miniprep kit -> dH_2O 100 ul

● Digestion by restriction enzyme/Concentrarion calibration

Date : 140107

DNA concentration (O.D.): 269 ng/ul

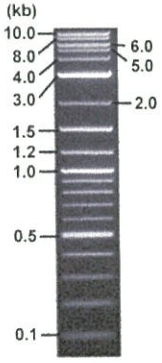
DNA	0.2 ul
Enzyme (BamHI)	1 ul
Buffer H	1 ul
dH_2O	7.8 ul
Total	10 ul

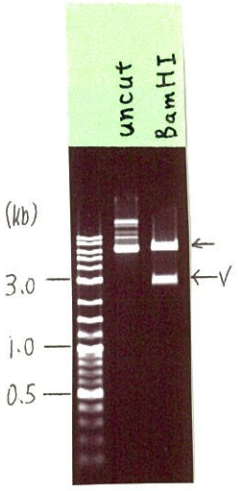
<Size of fragment expected from RBdS110F05 >

BamHI 3183(vector), 6931 bp (unsure)

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

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





● Confirmation of the insertion sequence

Date : 140108

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 : 140110

DNA (269 ng/ul)	83.0 ul
10x TE	89.3 ul
dH_2O	720.8 ul
Total	893.1 ul

確認 14.1.10 笹沼

APPROVED BY :

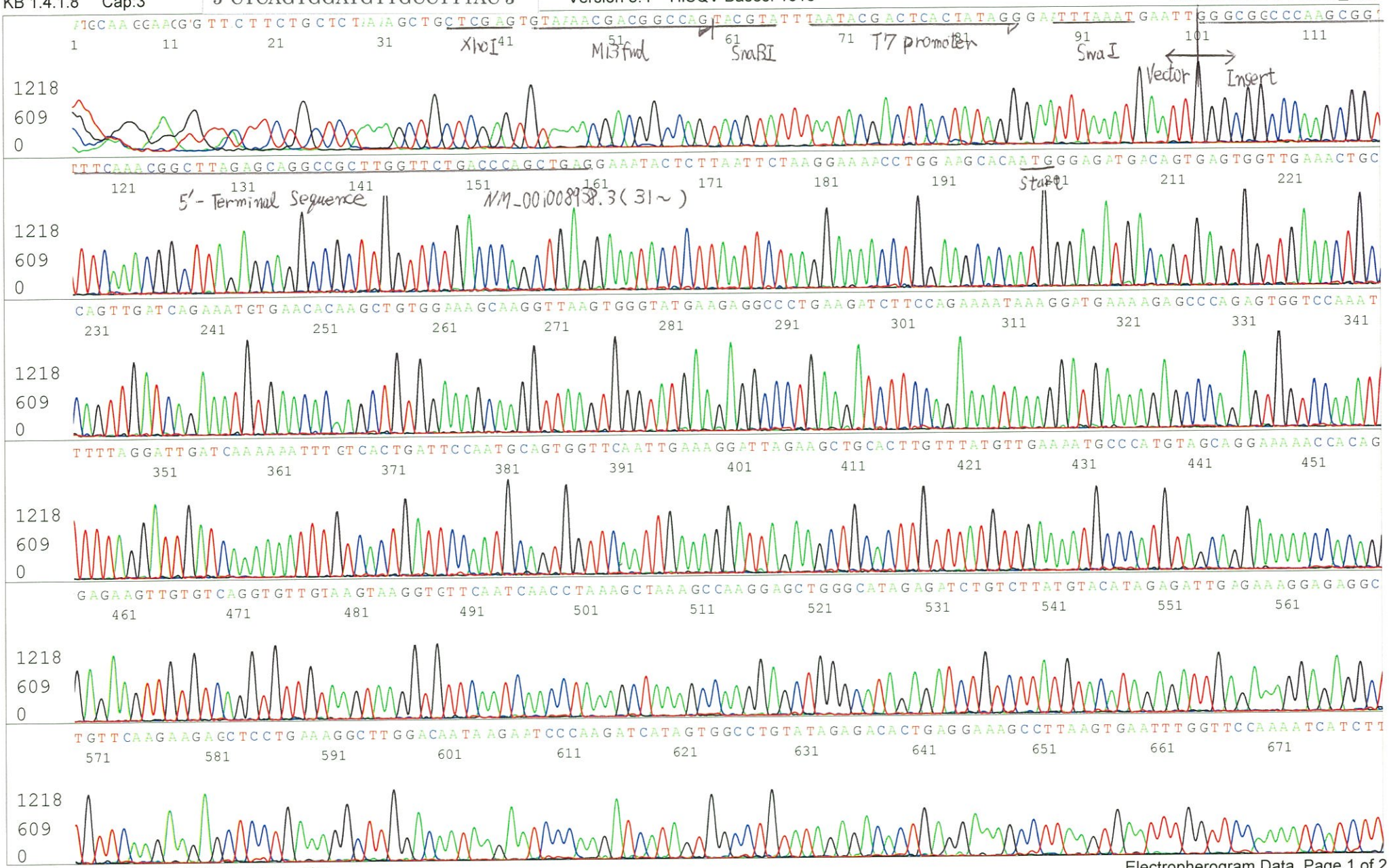
Applied Biosystems

S/N G:59 A:62 T:56 C:27
KB.bcp
KB 1.4.1.8 Cap:3

Primer A : pGCAP-F
5' CTCAGTGGATGTTGCCTTTAC 3'

6608_RBdS110F05_A3Lp_pGCAP_F_A09_03
6608_RBdS110F05_A3Lp_pGCAP_F
KB_3500_POP7_BDTv3.mob
Pts 1429 to 13305 Pk1 Loc:1406
Version 5.4 HiSQV Bases: 1016

Inst Model/Name 3500/3500 Instrument
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Jan 08,2014 04:19PM, JST
Spacing:11.55 Pts/Panel1350
Plate Name: 20140108_mix2

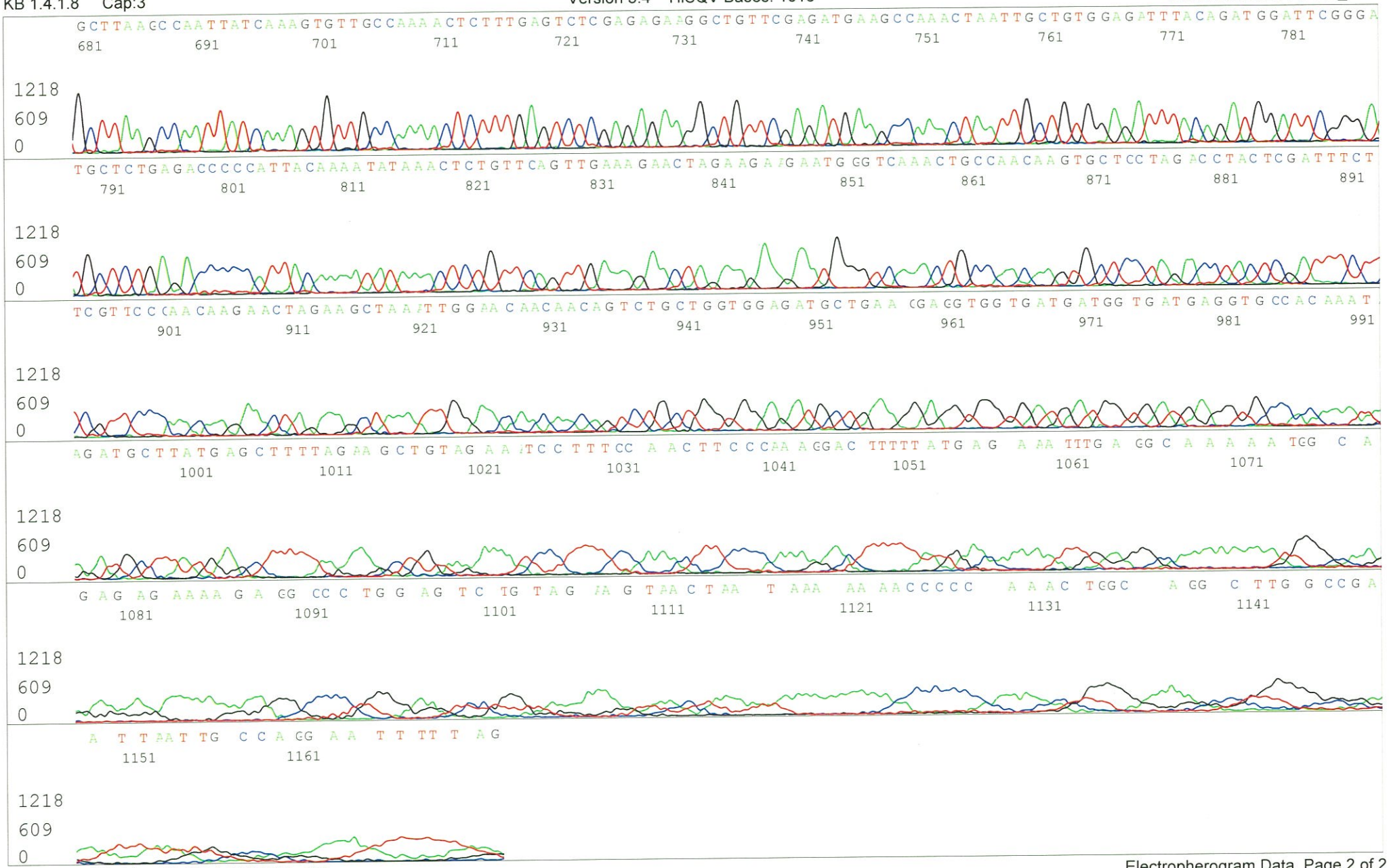


Applied Biosystems

S/N G:59 A:62 T:56 C:27
KB.bcp
KB 1.4.1.8 Cap:3

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KB_3500_POP7_BDTv3.mob
Pts 1429 to 13305 Pk1 Loc:1406
Version 5.4 HiSQV Bases: 1016

Inst Model/Name 3500/3500 Instrument
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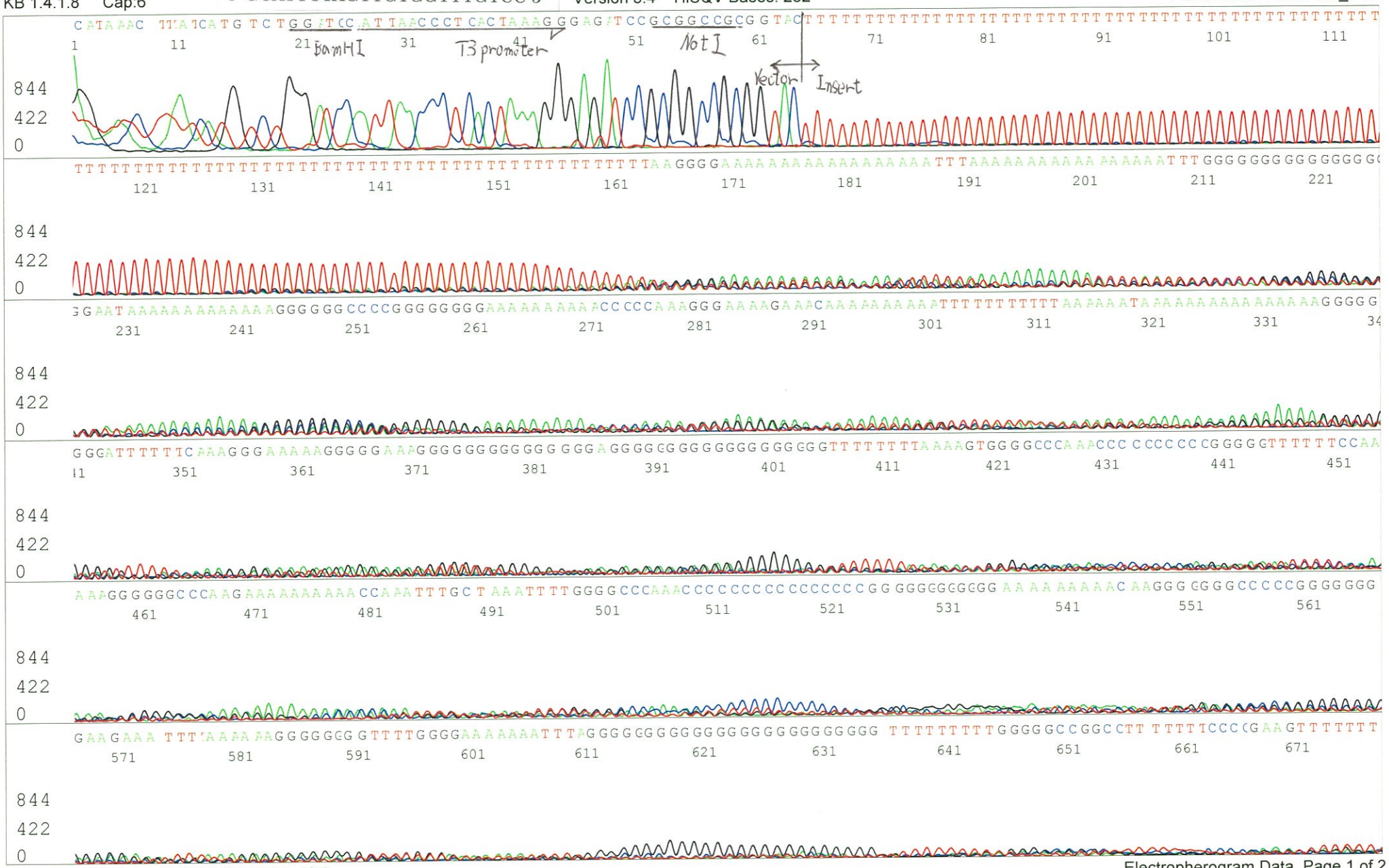
Applied Biosystems

S/N G:27 A:29 T:31 C:14
KB.bcp
KB 1.4.1.8 Cap:6

Primer B : pGCAP-R
5' GCATTCTAGTTGTGGTTTGTCC 3'

6608_RBdS110F05_A3Lp_pGCAP_R_B09_06
6608_RBdS110F05_A3Lp_pGCAP_R
KB_3500_POP7_BDTv3.mob
Pts 1427 to 13460 Pk1 Loc:1404
Version 5.4 HiSQV Bases: 232

Inst Model/Name 3500/3500 Instrument
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Jan 08,2014 04:19PM, JST
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Plate Name: 20140108_mix2

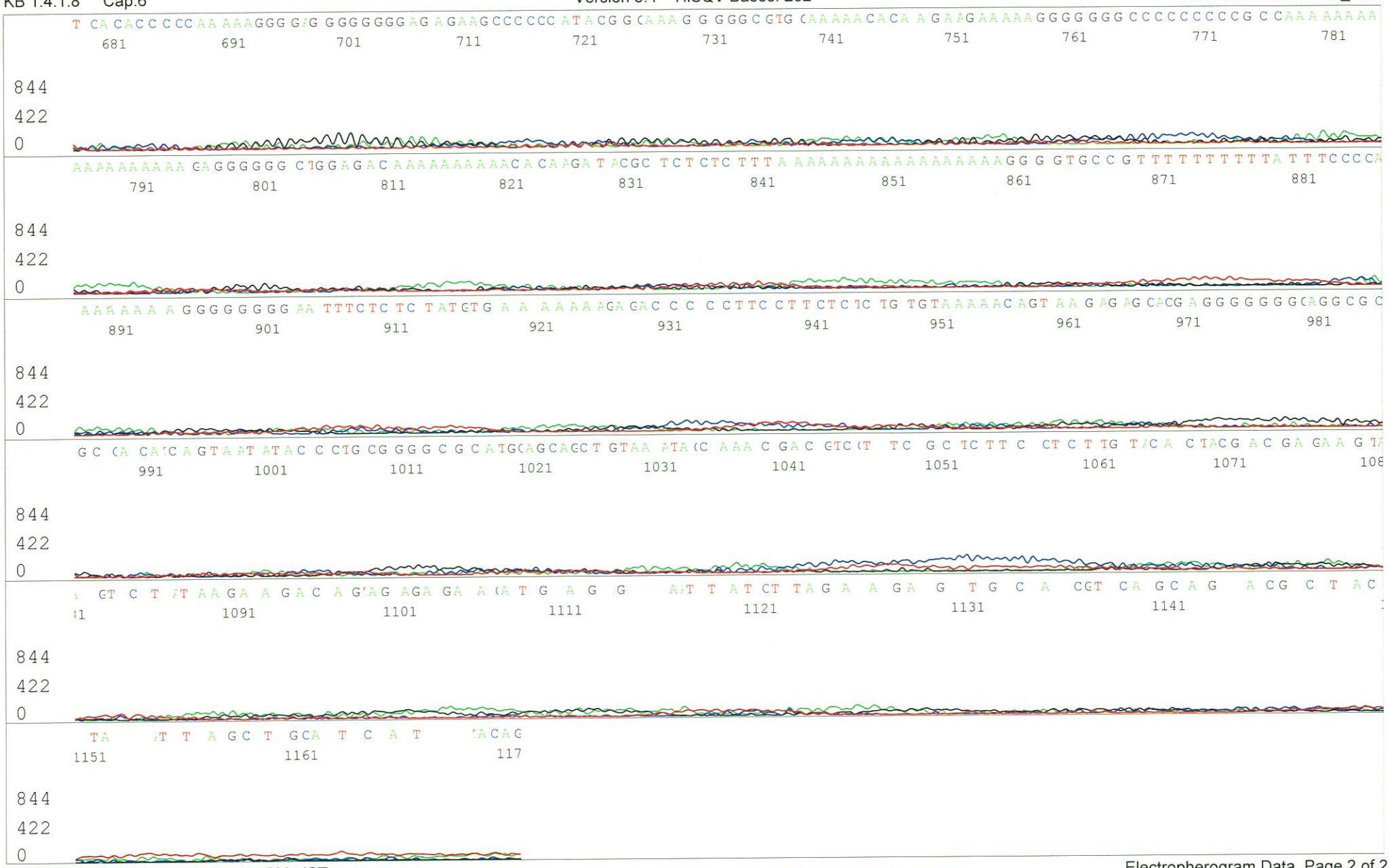


Applied Biosystems

S/N G:27 A:29 T:31 C:14
KB.bcp
KB 1.4.1.8 Cap:6

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6608_RBdS110F05_A3Lp_pGCAP_R
KB_3500_POP7_BDTv3.mob
Pts 1427 to 13460 Pk1 Loc:1404
Version 5.4 HiSQV Bases: 232

Inst Model/Name 3500/3500 Instrument
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Jan 08,2014 04:19PM, JST
Spacing:11.61 Pts/Panel1350
Plate Name: 20140108_mix2



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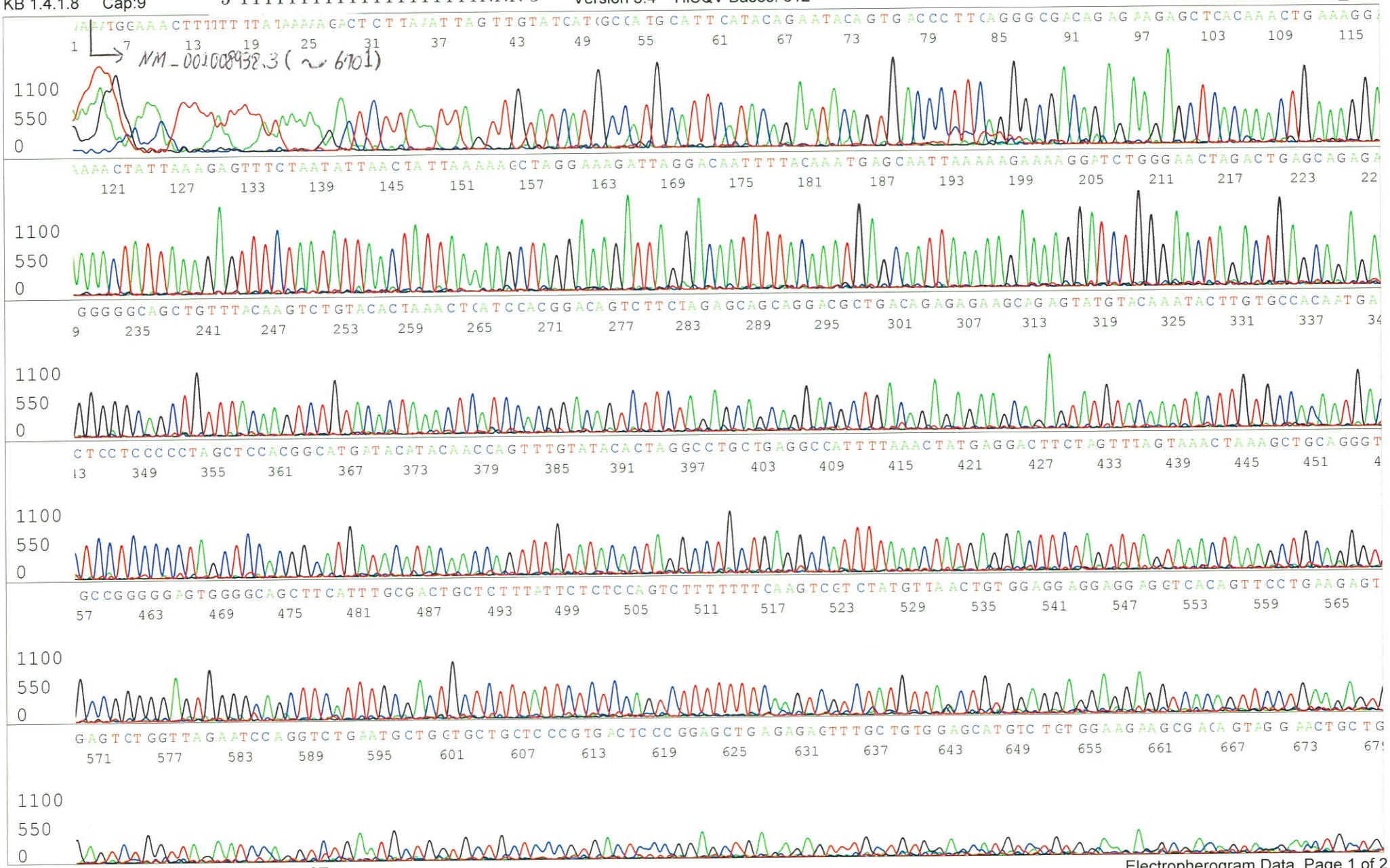
Applied Biosystems

S/N G:16 A:15 T:11 C:9
KB.bcp
KB 1.4.1.8 Cap:9

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

6608_RBdS110F05_A3Lp_GNPmixture_C09_09
6608_RBdS110F05_A3Lp_GNPmixture
KB_3500_POP7_BDTv3.mob
Pts 1412 to 13425 Pk1 Loc:1389
Version 5.4 HiSQV Bases: 612

Inst Model/Name 3500/3500 Instrument
Jan 08,2014 03:52PM, JST
Jan 08,2014 04:19PM, JST
Spacing:11.59 Pts/Panel1350
Plate Name: 20140108_mix2



Applied Biosystems

S/N G:16 A:15 T:11 C:9
KB.bcp
KB 1.4.1.8 Cap:9

6608_RBdS110F05_A3Lp_GNPmixture_C09_09
6608_RBdS110F05_A3Lp_GNPmixture
KB_3500_POP7_BDTv3.mob
Pts 1412 to 13425 Pk1 Loc:1389
Version 5.4 HiSQV Bases: 612

Inst Model/Name 3500/3500 Instrument
Jan 08,2014 03:52PM, JST
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