NRCD Human Full-Length cDNA Clone

Gene Engineering Division
RIKEN BioResource Center

RIKEN_Clone_ID : RBd44A10

Lot# : 7677_A3L6

Vector : pGCAP10

Gene	FLOT2		
RefSeq_mRNA	NM_004475.2	2659 bp	1..2659
	CDS	1287 bp	124..1410
	5' position		65

● Plasmid DNA purification

Date : 131209 Culture : LB (100 ug/ml Ampicillin) 5 ml -> at 37 deg C O/N

Date : 131210 Purification : QIAGEN Miniprep kit -> dH_2O 100 ul

● Digestion by restriction enzyme/Concentrarion calibration

Date : 131210

DNA concentration (O.D.): 148 ng/ul

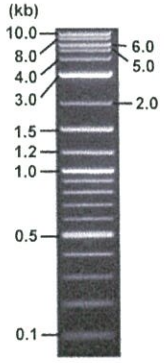
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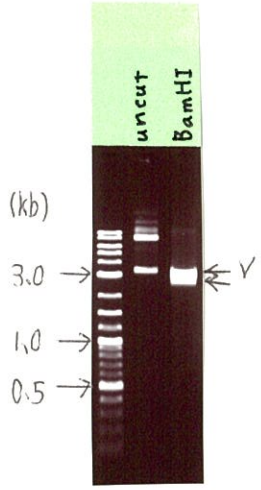
DNA	0.4 ul
Enzyme (BamHI)	1 ul
Buffer H	1 ul
dH_2O	7.6 ul
Total	10 ul

BamHI 3183(vector),2796 bp (unsure)

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

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





● Confirmation of the insertion sequence

Date : 131212

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 : 131216

DNA (148 ng/ul)	83.0	ul
10x TE	49.1	ul
dH_2O	359.3	ul
Total	491.4	ul

APPROVED BY : 確認 13.12.16 中島

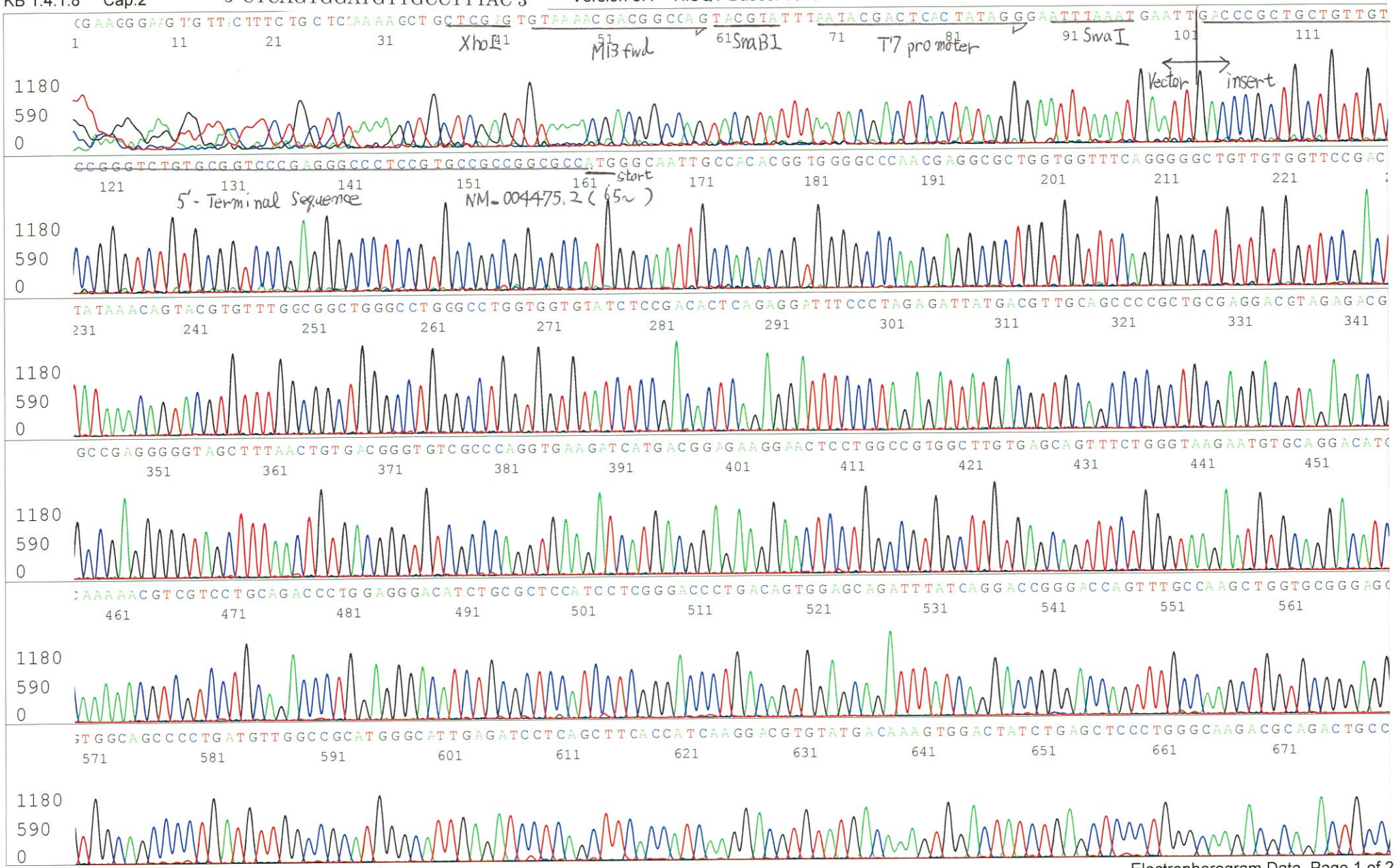
Applied Biosystems

S/N G:15 A:9 T:12 C:12
KB.bcp
KB 1.4.1.8 Cap:2

Primer A : pGCAP-F
5' CTCAGTGGATGTTGCCTTTAC 3'

7677_RBd44A10_A3L6_pGCAP_F_A08_02
7677_RBd44A10_A3L6_pGCAP_F
KB_3500_POP7_BDTv3.mob
Pts 1447 to 13669 Pk1 Loc:1424
Version 5.4 HiSQV Bases: 1013

Inst Model/Name 3500/3500 Instrument
Dec 12,2013 11:09AM, JST
Dec 12,2013 11:36AM, JST
Spacing:11.97 Pts/Panel1350
Plate Name: 20131212_mix

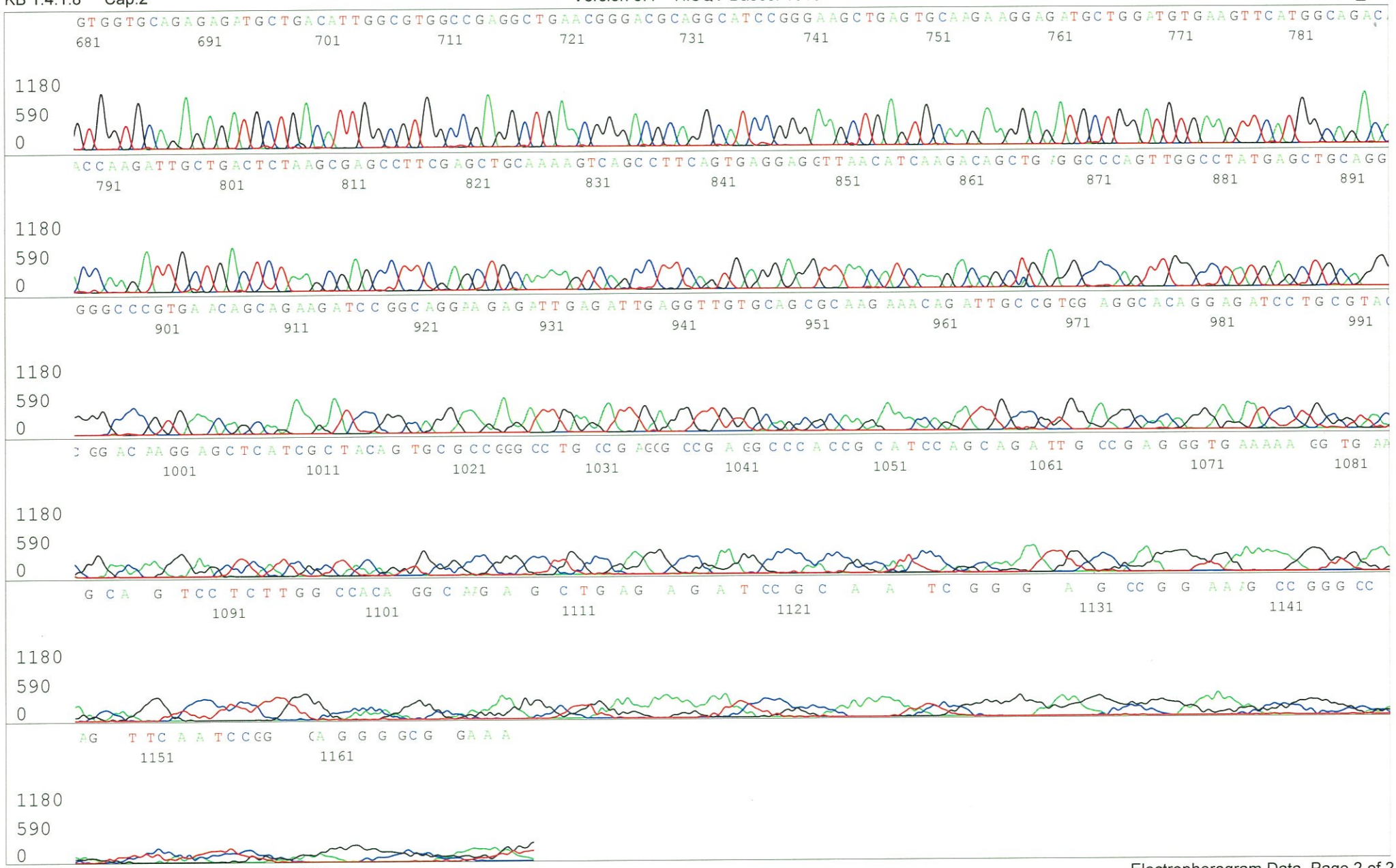


Applied Biosystems

S/N G:15 A:9 T:12 C:12
KB.bcp
KB 1.4.1.8 Cap:2

7677_RBd44A10_A3L6_pGCAP_F_A08_02
7677_RBd44A10_A3L6_pGCAP_F
KB_3500_POP7_BDTv3.mob
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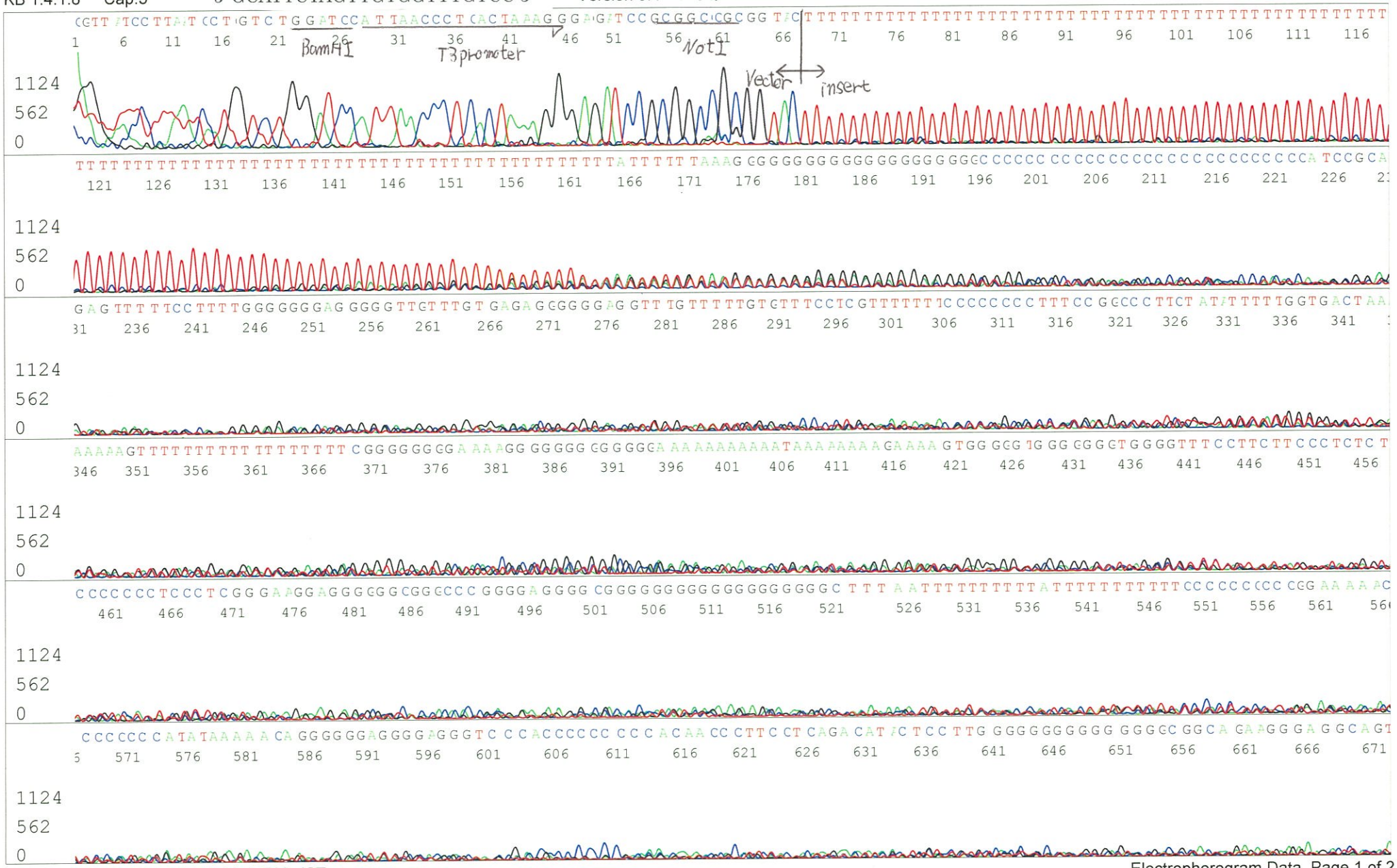
Applied Biosystems

S/N G:7 A:7 T:7 C:5
KB.bcp
KB 1.4.1.8 Cap:5

Primer B : pGCAP-R
5' GCATTCTAGTTGTGGTTTGTCC 3'

7677_RBd44A10_A3L6_pGCAP_R_B08_05
7677_RBd44A10_A3L6_pGCAP_R
KB_3500_POP7_BDTv3.mob
Pts 1413 to 13813 Pk1 Loc:1390
Version 5.4 HiSQV Bases: 146

Inst Model/Name 3500/3500 Instrument
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Spacing:12.1 Pts/Panel1350
Plate Name: 20131212_mix

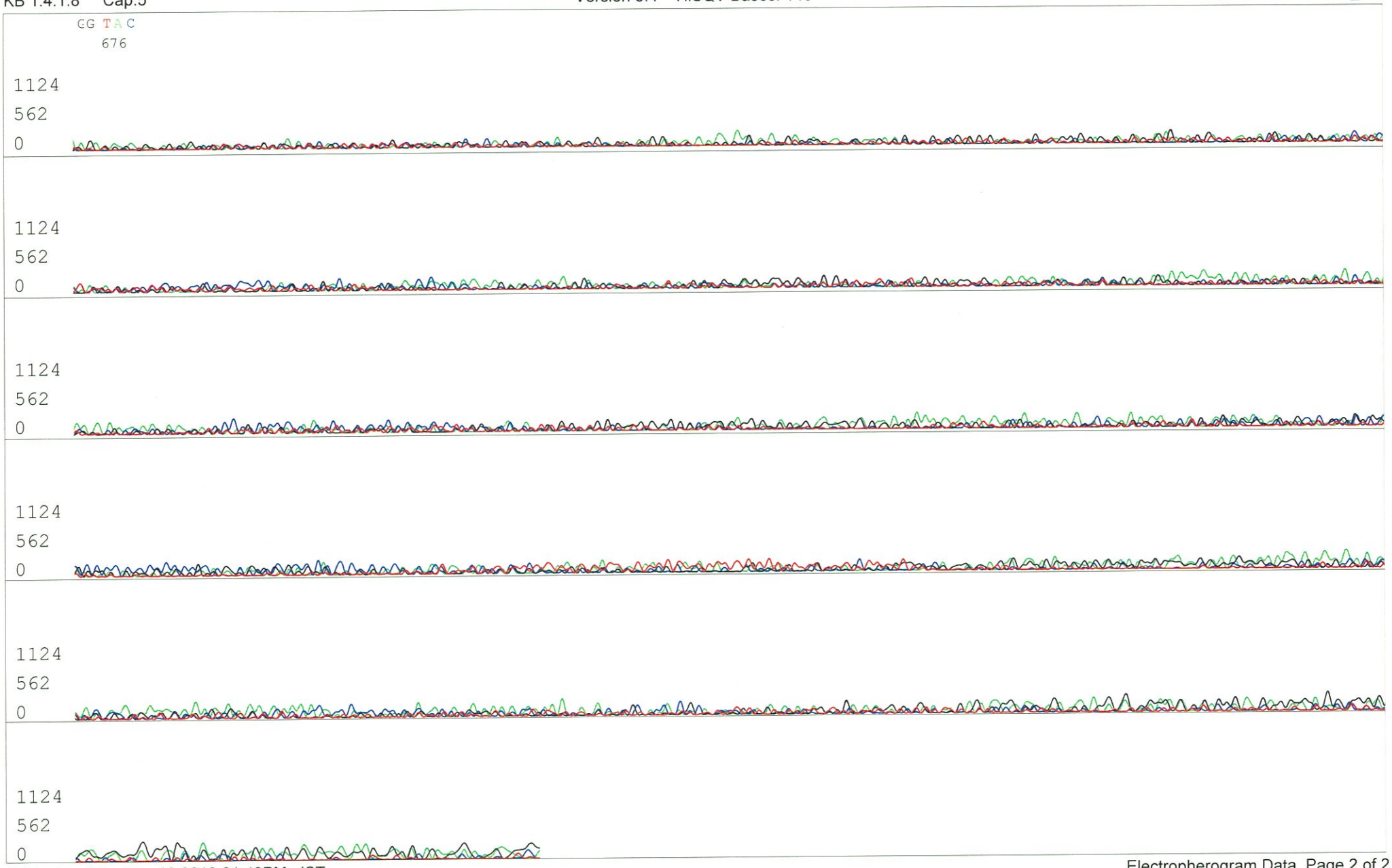


Applied Biosystems

S/N G:7 A:7 T:7 C:5
KB.bcp
KB 1.4.1.8 Cap:5

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7677_RBd44A10_A3L6_pGCAP_R
KB_3500_POP7_BDTv3.mob
Pts 1413 to 13813 Pk1 Loc:1390
Version 5.4 HiSQV Bases: 146

Inst Model/Name 3500/3500 Instrument
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Spacing:12.1 Pts/Panel1350
Plate Name: 20131212_mix



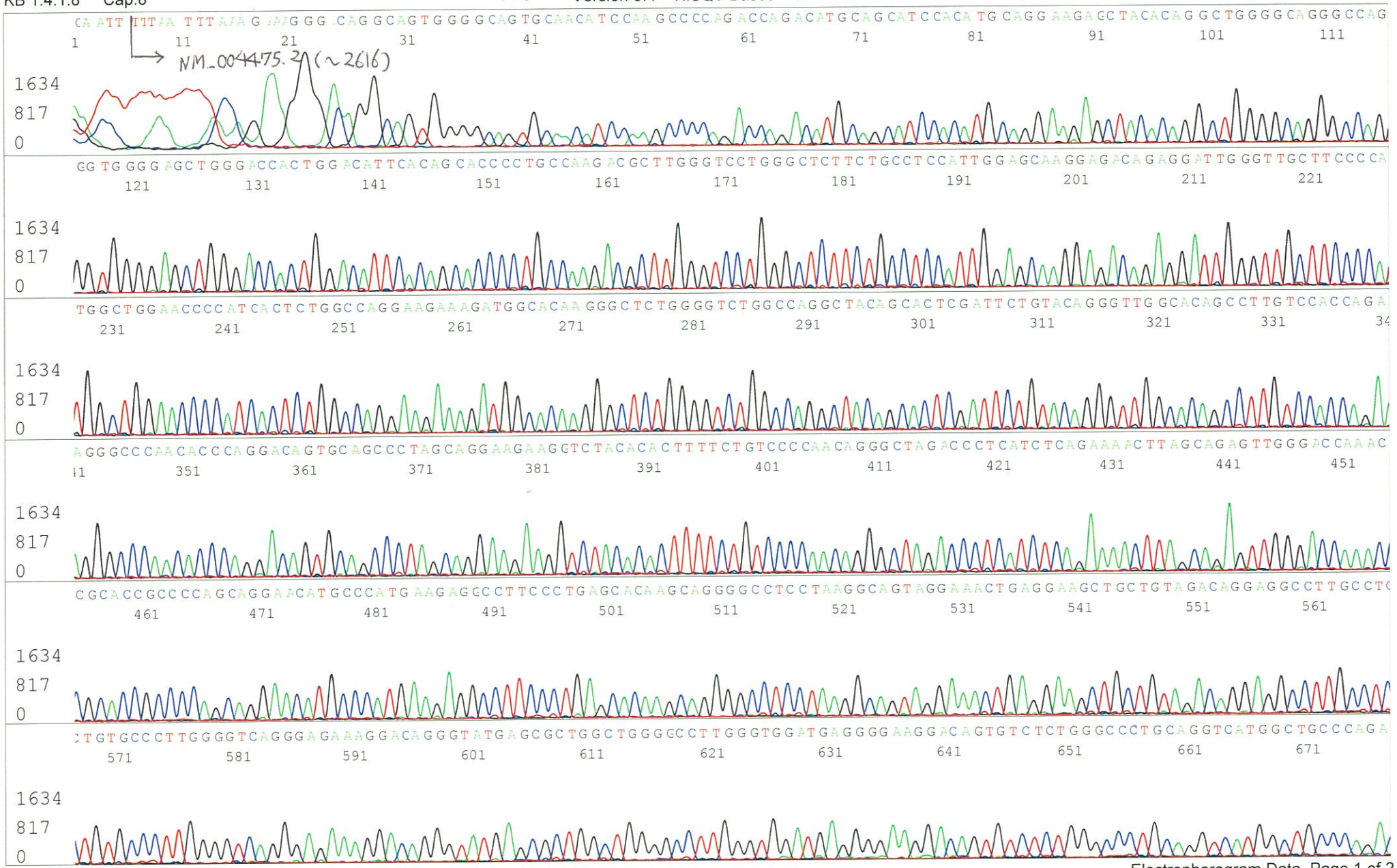
Applied Biosystems

S/N G:52 A:47 T:35 C:36
KB.bcp
KB 1.4.1.8 Cap:8

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

7677_RBd44A10_A3L6_GNPmixture_C08_08
7677_RBd44A10_A3L6_GNPmixture
KB_3500_POP7_BDTv3.mob
Pts 1411 to 13556 Pk1 Loc:1388
Version 5.4 HiSQV Bases: 1030

Inst Model/Name 3500/3500 Instrument
Dec 12,2013 11:09AM, JST
Dec 12,2013 11:36AM, JST
Spacing:11.88 Pts/Panel1350
Plate Name: 20131212_mix



Applied Biosystems

S/N G:52 A:47 T:35 C:36
KB.bcp
KB 1.4.1.8 Cap:8

7677_RBd44A10_A3L6_GNPmixture_C08_08
7677_RBd44A10_A3L6_GNPmixture
KB_3500_POP7_BDTv3.mob
Pts 1411 to 13556 Pk1 Loc:1388
Version 5.4 HiSQV Bases: 1030

Inst Model/Name 3500/3500 Instrument
Dec 12,2013 11:09AM, JST
Dec 12,2013 11:36AM, JST
Spacing:11.88 Pts/Panel1350
Plate Name: 20131212_mix

