NRCD Human Full-Length cDNA Clone

Gene Engineering Division
RIKEN BioResource Center

RIKEN_Clone_ID : RBd28A03

Lot# : 7677_A3Hm

Vector : pGCAP10

Gene	MEX3C	
RefSeq_mRNA	NM_016626.4	4158 bp	1..4158
	CDS	1980 bp	362..2341
	5'-terminal sequence	4116 bp	43..4158

● Plasmid DNA purification

Date : 130822

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

Date : 130823

Purification : QIAGEN Miniprep kit -> dH_2O 100 ul

● Digestion by restriction enzyme/Concentrarion calibration

Date : 130823

DNA concentration (O.D.): 238 ng/ul

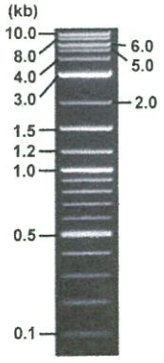
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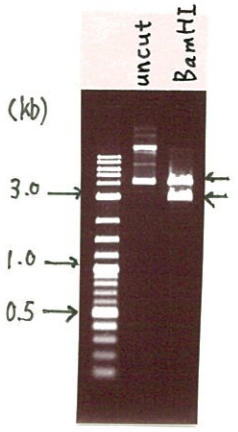
BamHI 3183(vector), 4317 bp (unsure)

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 : 130827

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 : 130828

DNA (238 ng/ul)	82.0 ul
10x TE	78.1 ul
dH_2O	620.5 ul
Total	780.6 ul

APPROVED BY :

確認 13.8.23 笹沼

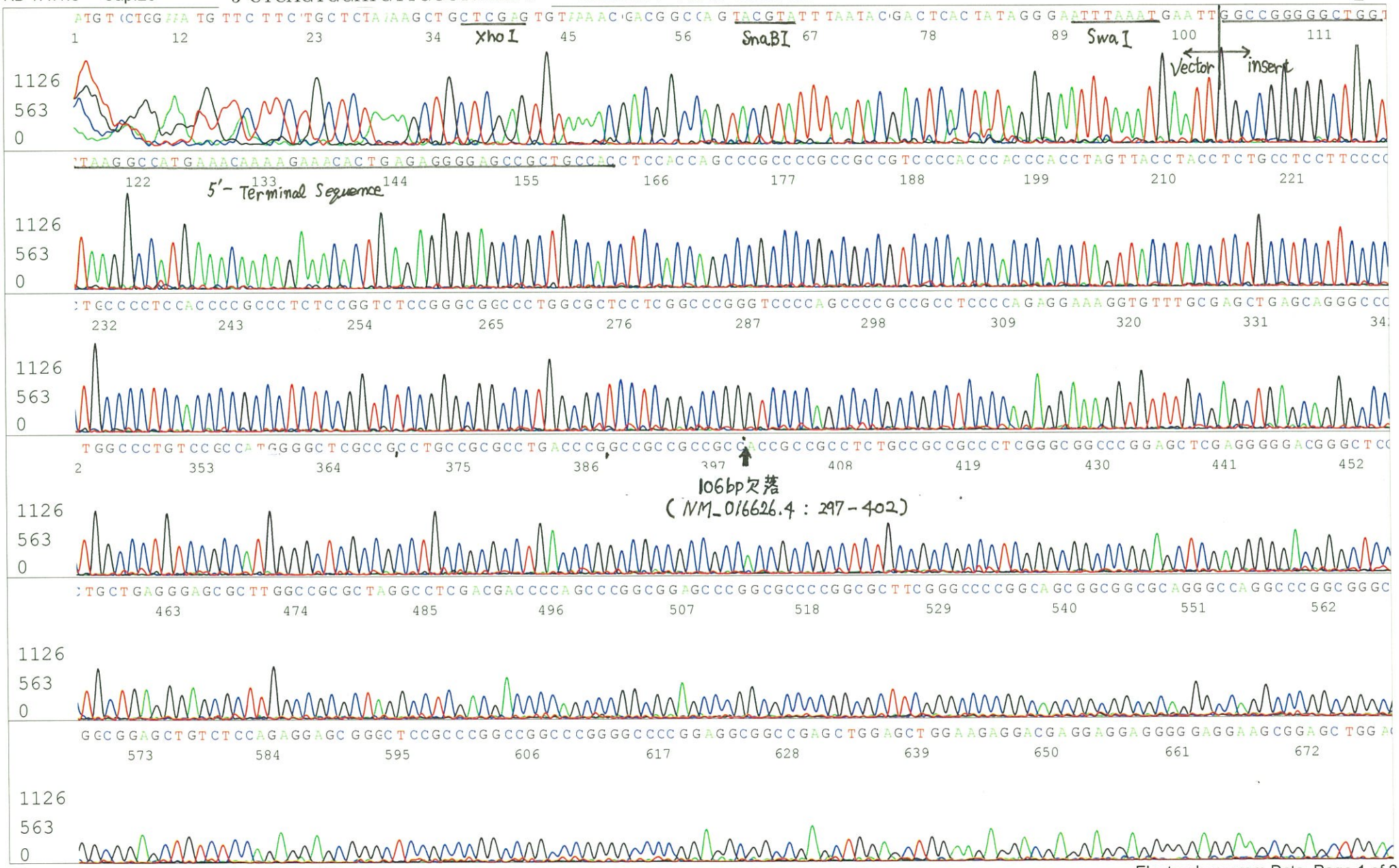
Applied Biosystems

S/N G:18 A:9 T:8 C:10
KB.bcp
KB 1.4.1.8 Cap:20

Primer A : pGCAP-F
5' CTCAGTGGATGTTGCCTTTAC 3'

7677_RBd28A03_A3Hm_20_pGCAP_F_G11_20
7677_RBd28A03_A3Hm_20_pGCAP_F
KB_3500_POP7_BDTv3.mob
Pts 1274 to 13203 Pk1 Loc:1251
Version 5.4 HiSQV Bases: 990

Inst Model/Name 3500/3500 Instrument
Aug 27,2013 09:41PM, JST
Aug 27,2013 10:08PM, JST
Spacing:11.71 Pts/Panel1350
Plate Name: 20130827_mix

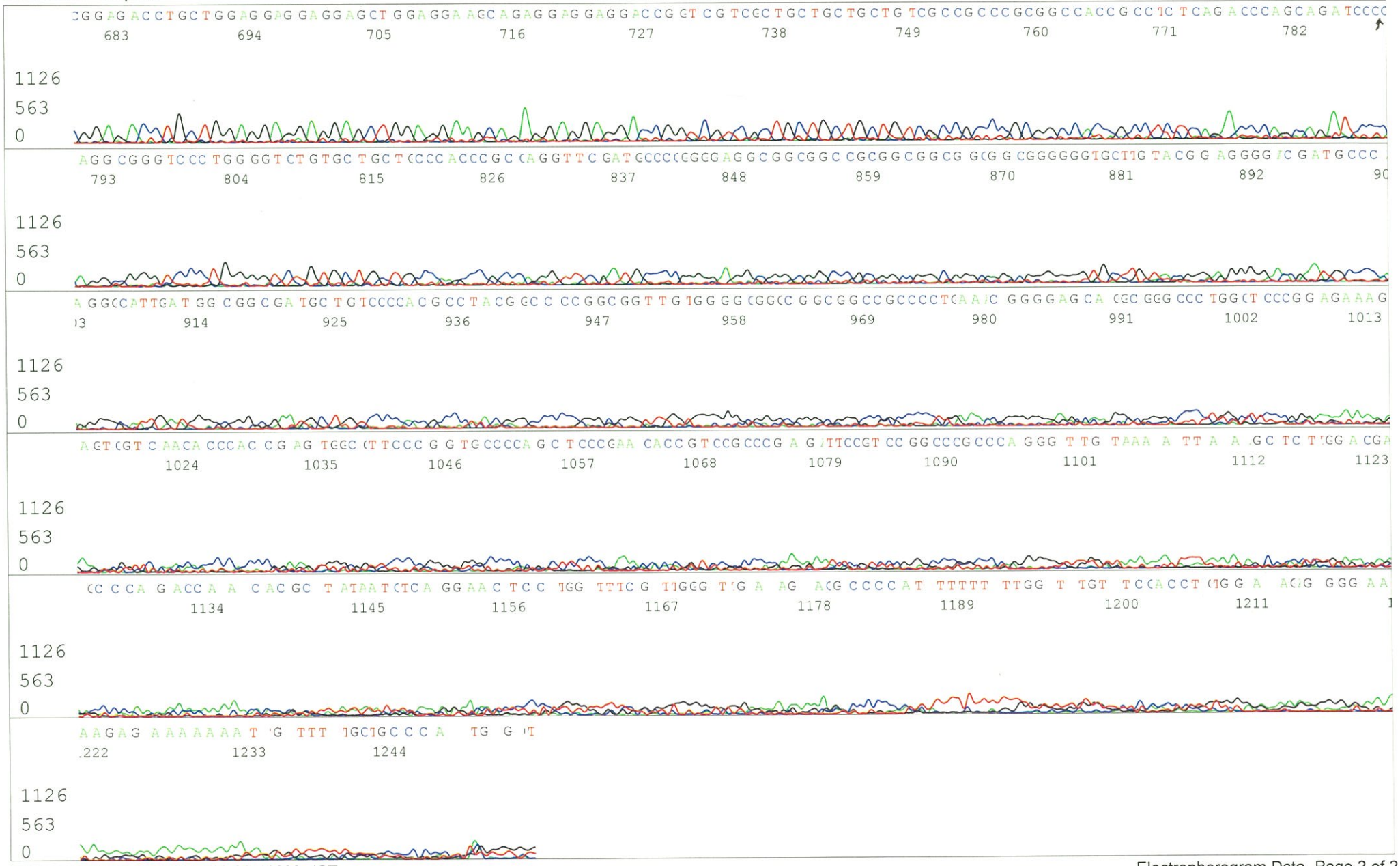


Applied Biosystems

S/N G:18 A:9 T:8 C:10
KB.bcp
KB 1.4.1.8 Cap:20

7677_RBd28A03_A3Hm_20_pGCAP_F_G11_20
7677_RBd28A03_A3Hm_20_pGCAP_F
KB_3500_POP7_BDTv3.mob
Pts 1274 to 13203 Pk1 Loc:1251
Version 5.4 HiSQV Bases: 990

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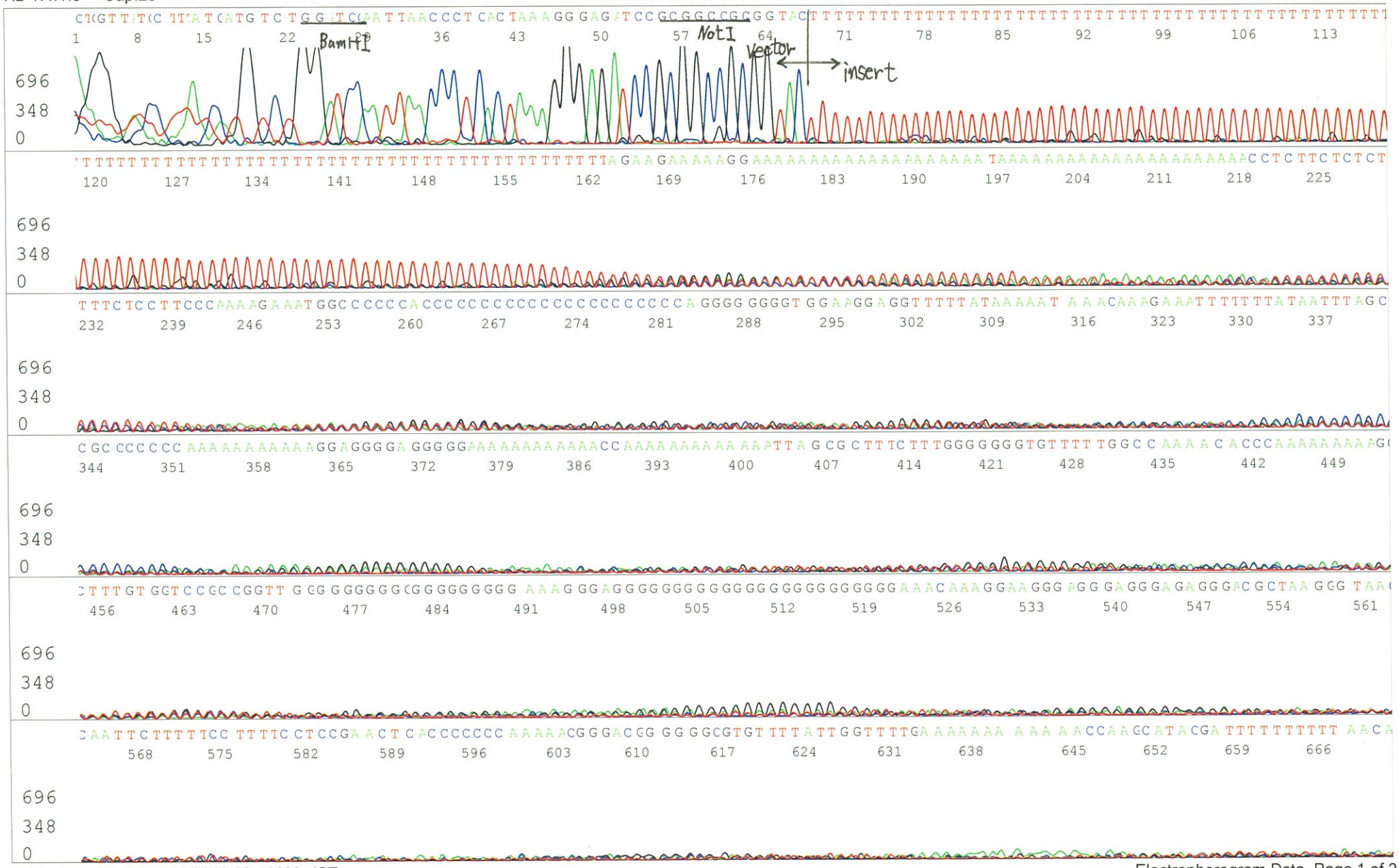
Applied Biosystems

S/N G:8 A:8 T:12 C:6
KB.bcp
KB 1.4.1.8 Cap:23

Primer B : pGCAP-R
5' GCATTCTAGTTGTGGTTTGTCC 3'

7677_RBd28A03_A3Hm_20_pGCAP_R_H11_23
7677_RBd28A03_A3Hm_20_pGCAP_R
KB_3500_POP7_BDTv3.mob
Pts 1292 to 13238 Pk1 Loc:1269
Version 5.4 HiSQV Bases: 124

Inst Model/Name 3500/3500 Instrument
Aug 27,2013 09:41PM, JST
Aug 27,2013 10:08PM, JST
Spacing:11.98 Pts/Panel1350
Plate Name: 20130827_mix

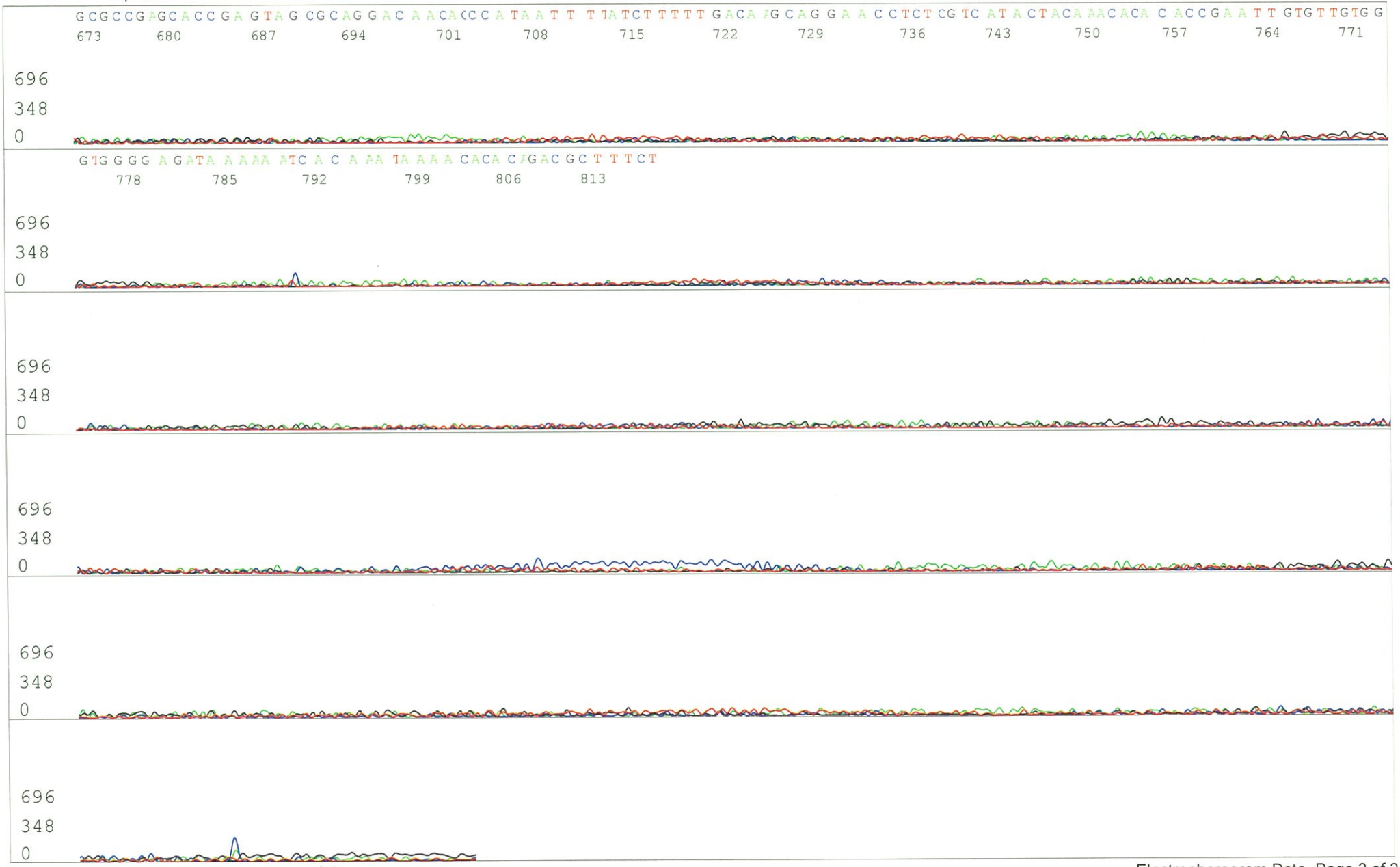


Applied Biosystems

S/N G:8 A:8 T:12 C:6
KB.bcp
KB 1.4.1.8 Cap:23

7677_RBd28A03_A3Hm_20_pGCAP_R_H11_23
7677_RBd28A03_A3Hm_20_pGCAP_R
KB_3500_POP7_BDTv3.mob
Pts 1292 to 13238 Pk1 Loc:1269
Version 5.4 HiSQV Bases: 124

Inst Model/Name 3500/3500 Instrument
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Aug 27,2013 10:08PM, JST
Spacing:11.98 Pts/Panel1350
Plate Name: 20130827_mix



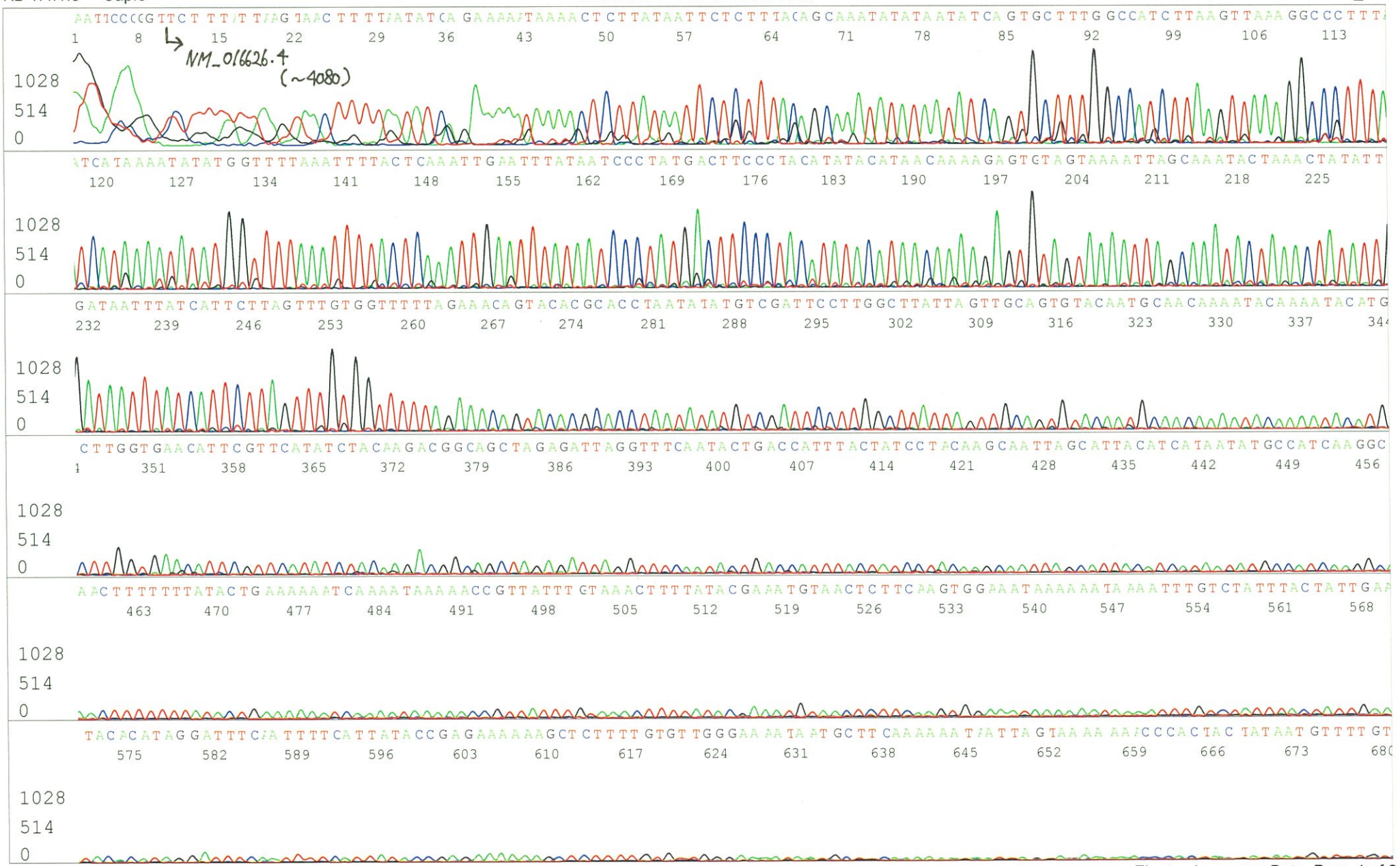
Applied Biosystems

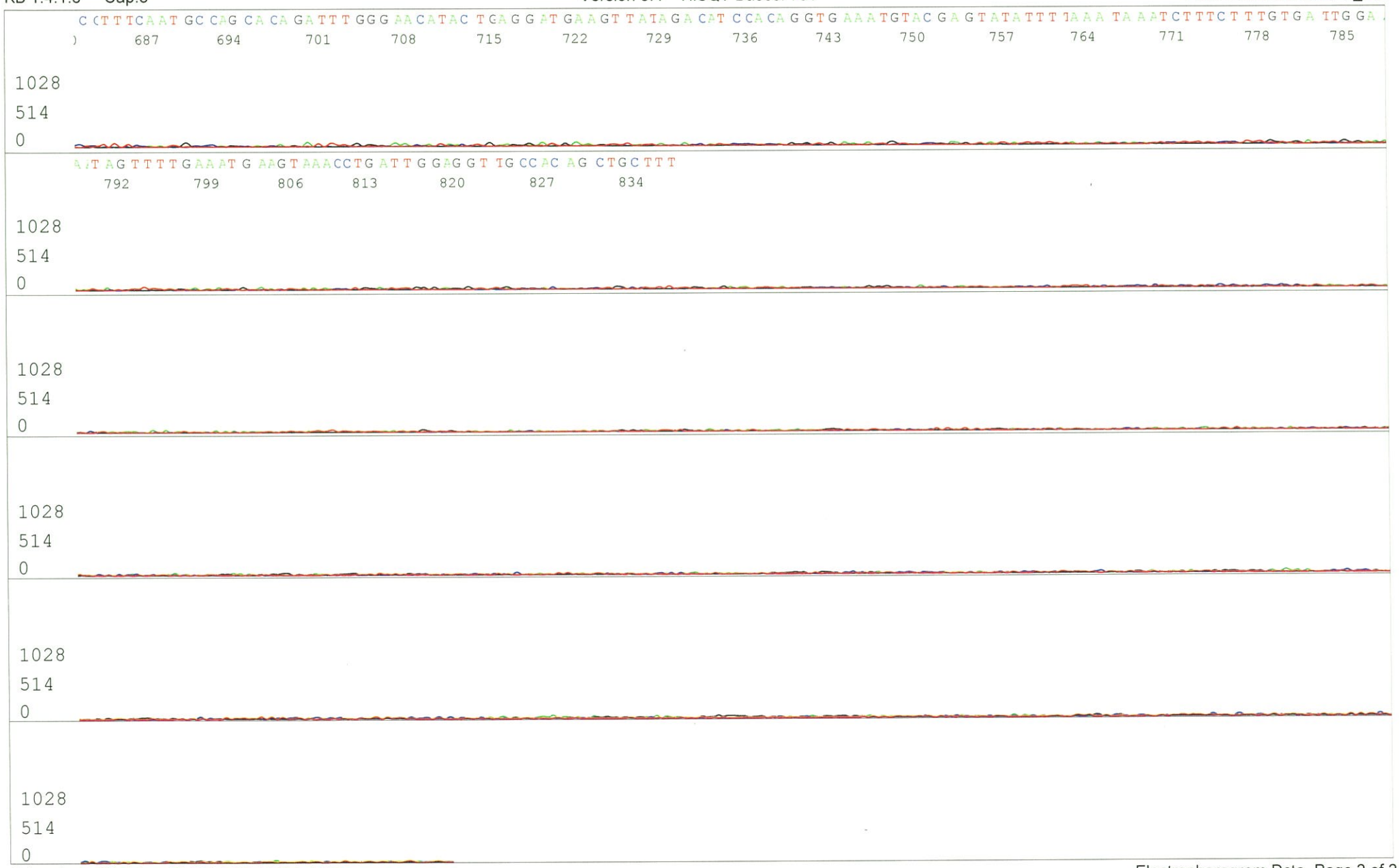
S/N G:25 A:28 T:33 C:16
KB.bcp
KB 1.4.1.8 Cap:3

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

7677_RBd28A03_A3Hm_20_GNPmixture_A12_03
7677_RBd28A03_A3Hm_20_GNPmixture
KB_3500_POP7_BDTv3.mob
Pts 1284 to 13054 Pk1 Loc:1261
Version 5.4 HiSQV Bases: 701

Inst Model/Name 3500/3500 Instrument
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Plate Name: 20130827_mix




687
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