NRCD Human Full-Length cDNA Clone

Gene Engineering Division
RIKEN BioResource Center

Lot# : 7677_A7Bk

RIKEN_Clone_ID : RBd91F10

Vector : pGCAP10

Gene	ZNF467	
RefSeq_mRNA	NM_207336.2	2760 bp
	CDS	1788 bp
5' position		26

● Plasmid DNA purification

Date : 170220 Culture : LB (100 ug/ml Ampicillin) 5 ml -> at 37 deg C O/N

Date : 170221 Purification : QIAGEN Miniprep kit -> dH_2O 100 ul

● Digestion by restriction enzyme/Concentrarion calibration

Date : 170221

DNA concentration (O.D.): 96 ng/ul

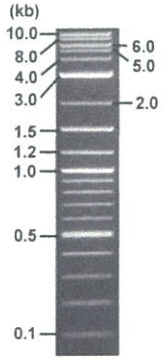
DNA	1 ul
Enzyme (BamHI)	1 ul
Buffer H	1 ul
dH_2O	7 ul
Total	10 ul

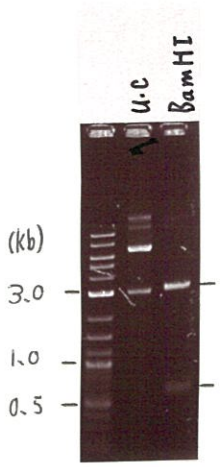
< Size of fragment expected from this clone >

BamHI 3.1kb (vector), 1.2, 1.1, 0.64 kb (unsure)

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

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





● Confirmation of the insertion sequence

Date : 170222

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

● Adjust plasmid DNA solution to 25 ng/ul

Date : 170222

DNA (96 ng/ul)	82.0 ul
10x TE	31.4 ul
dH_2O	201.4 ul
Total	314.8 ul

● Shipping

☑ Conc. : 25 ng/μl, Volume : 40 μl

☐ ~~Conc. : ng/μl, Volume : μl~~

APPROVED BY :

確認 17.2.22 笹沼

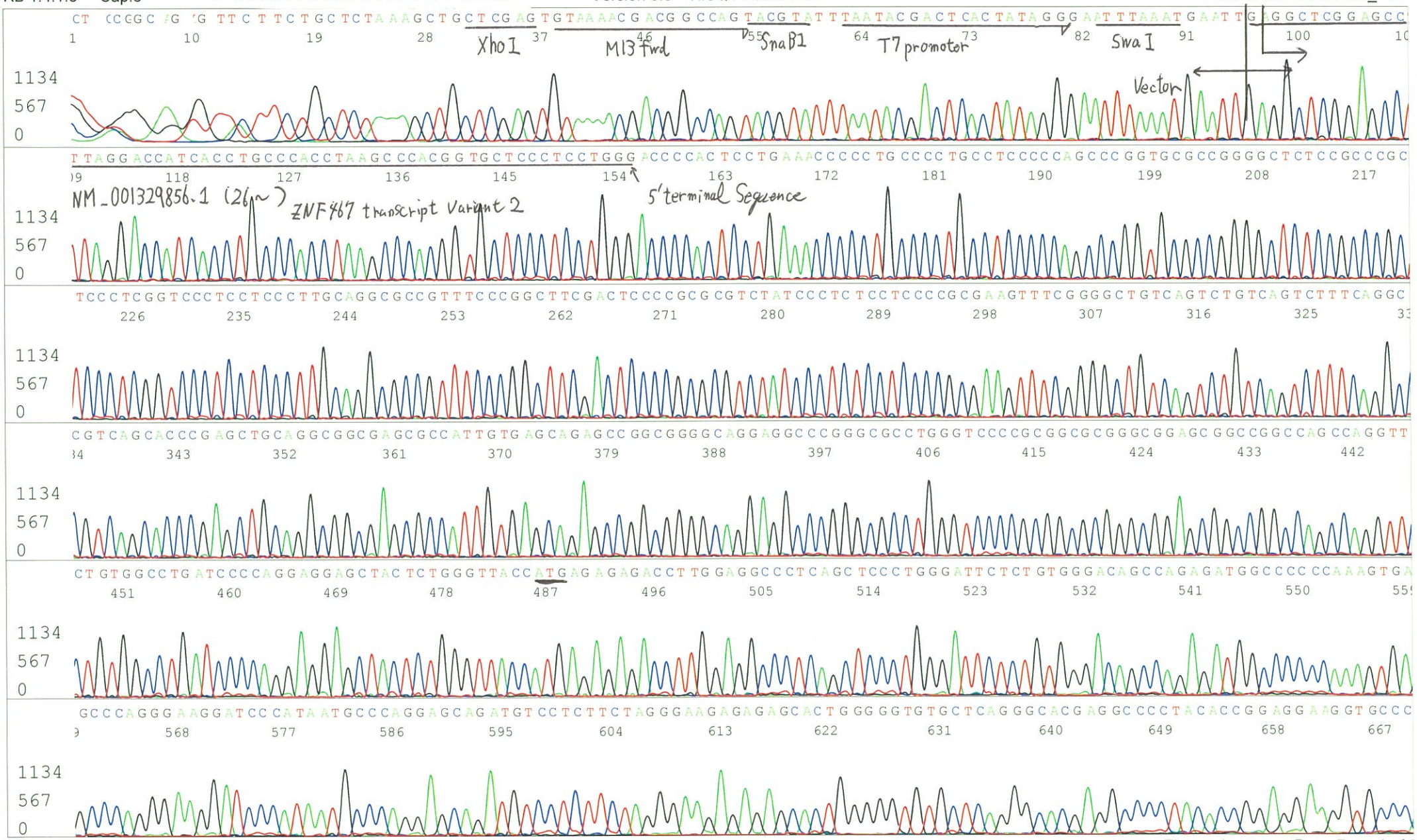
Applied Biosystems

S/N G:236 A:223 T:204 C:42
KB.bcp
KB 1.4.1.8 Cap:6

Primer A : pGCAP-F
5' CTCAGTGGATGTTGCCTTTAC 3'

7677_RBd91F10_A7Bk_pGCAP_F_B06_06_ABI24
7677_RBd91F10_A7Bk_pGCAP_F
KB_3500_POP7_BDTv3.mob
Pts 1556 to 12795 Pk1 Loc:1533
Version 6.0 HiSQV Bases: 954

Inst Model/Name 3500/3500 Instrument
Feb 22,2017 01:56PM, JST
Feb 22,2017 02:22PM, JST
Spacing:11.71 Pts/Panel1350
Plate Name: 20170222_GNP



Applied Biosystems

S/N G:236 A:223 T:204 C:424
KB.bcp
KB 1.4.1.8 Cap:6

7677_RBd91F10_A7Bk_pGCAP_F_B06_06_ABI24
7677_RBd91F10_A7Bk_pGCAP_F
KB_3500_POP7_BDTv3.mob
Pts 1556 to 12795 Pk1 Loc:1533
Version 6.0 HiSQV Bases: 954

Inst Model/Name 3500/3500 Instrument
Feb 22,2017 01:56PM, JST
Feb 22,2017 02:22PM, JST
Spacing:11.71 Pts/Panel1350
Plate Name: 20170222_GNP



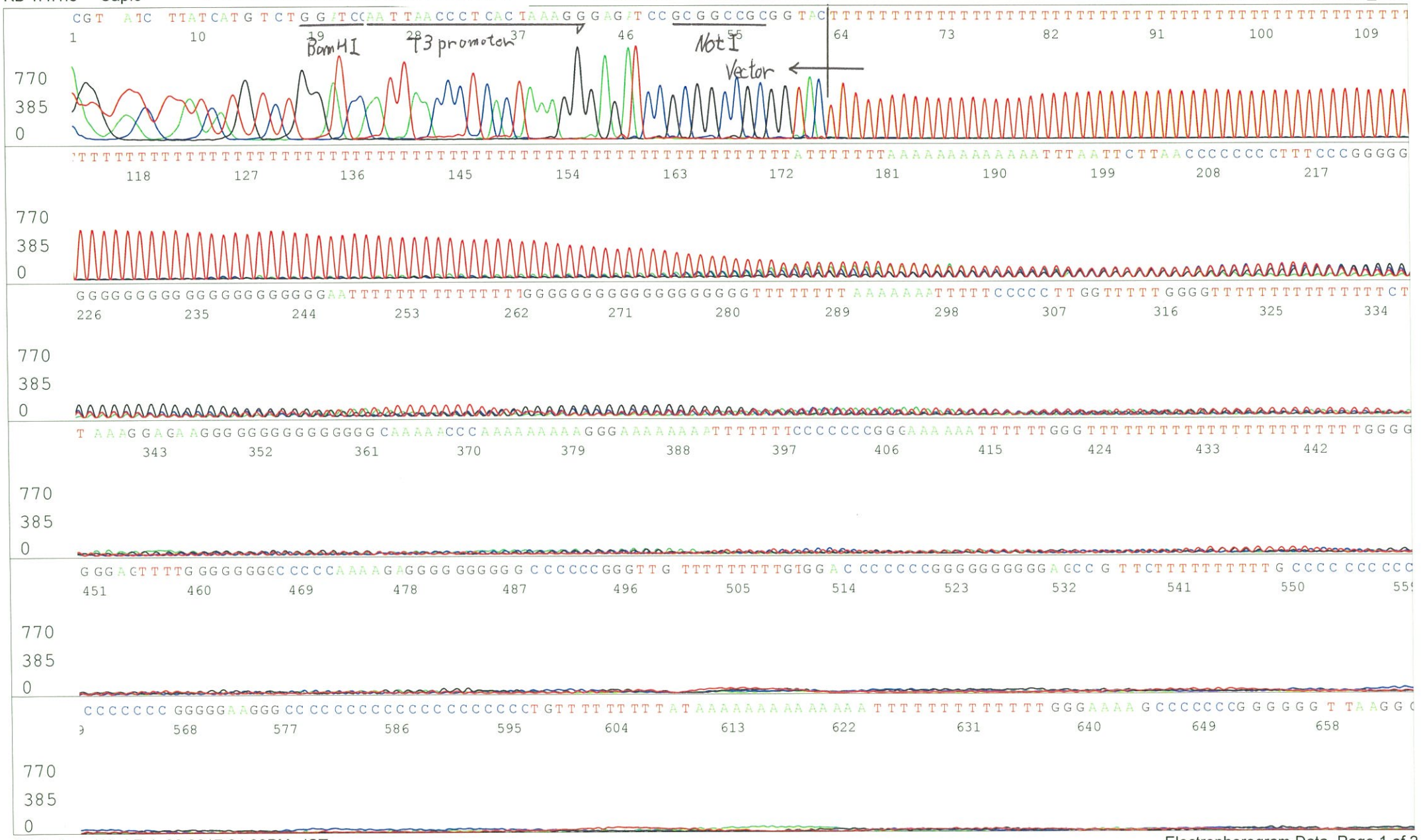
Applied Biosystems

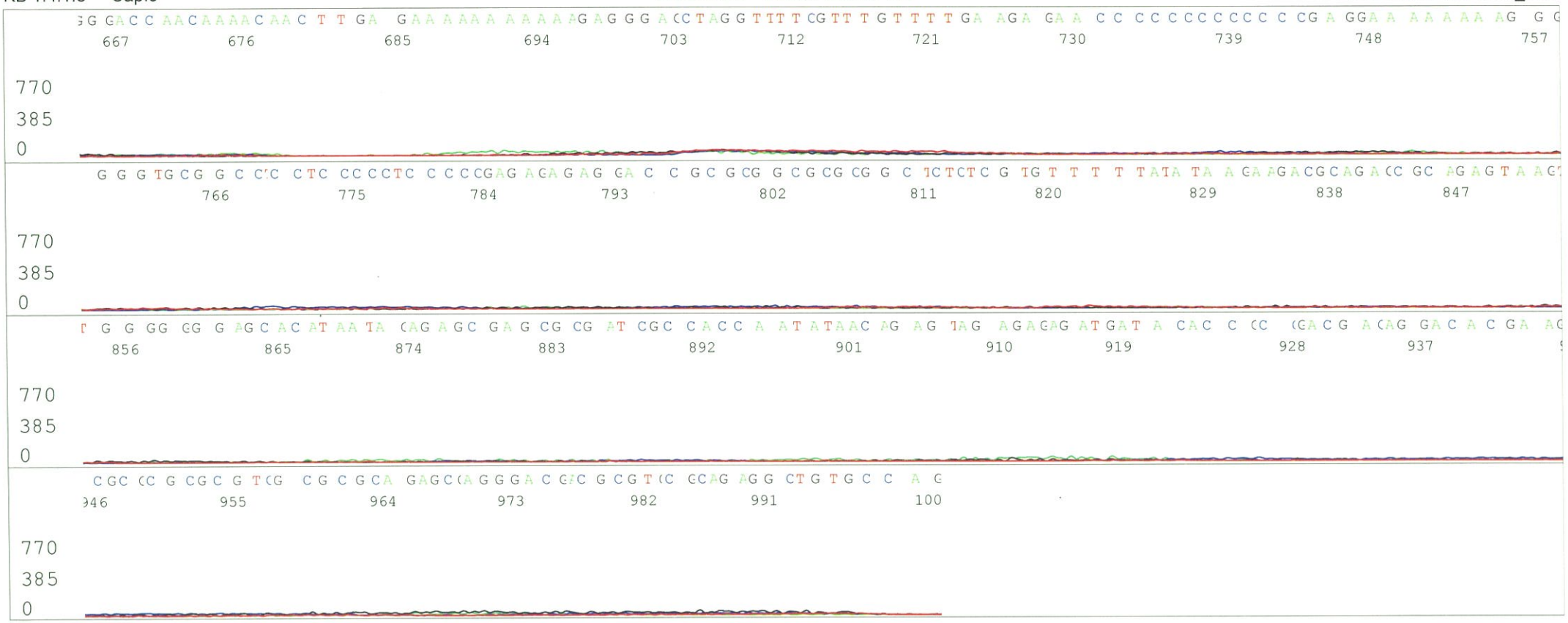
S/N G:49 A:50 T:94 C:66
KB.bcp
KB 1.4.1.8 Cap:9

Primer B : pGCAP-R
5' GCATTCTAGTTGTGGTTTGTCC 3'

7677_RBd91F10_A7Bk_pGCAP_R_C06_09_ABI24
7677_RBd91F10_A7Bk_pGCAP_R
KB_3500_POP7_BDTv3.mob
Pts 1564 to 12669 Pk1 Loc:1541
Version 6.0 HiSQV Bases: 194

Inst Model/Name 3500/3500 Instrument
Feb 22,2017 01:56PM, JST
Feb 22,2017 02:22PM, JST
Spacing:12.21 Pts/Panel1350
Plate Name: 20170222_GNP




667 676 685 694 703 712 721 730 739 748 757
766 775 784 793 802 811 820 829 838 847
856 865 874 883 892 901 910 919 928 937
946 955 964 973 982 991 100
770
385
0

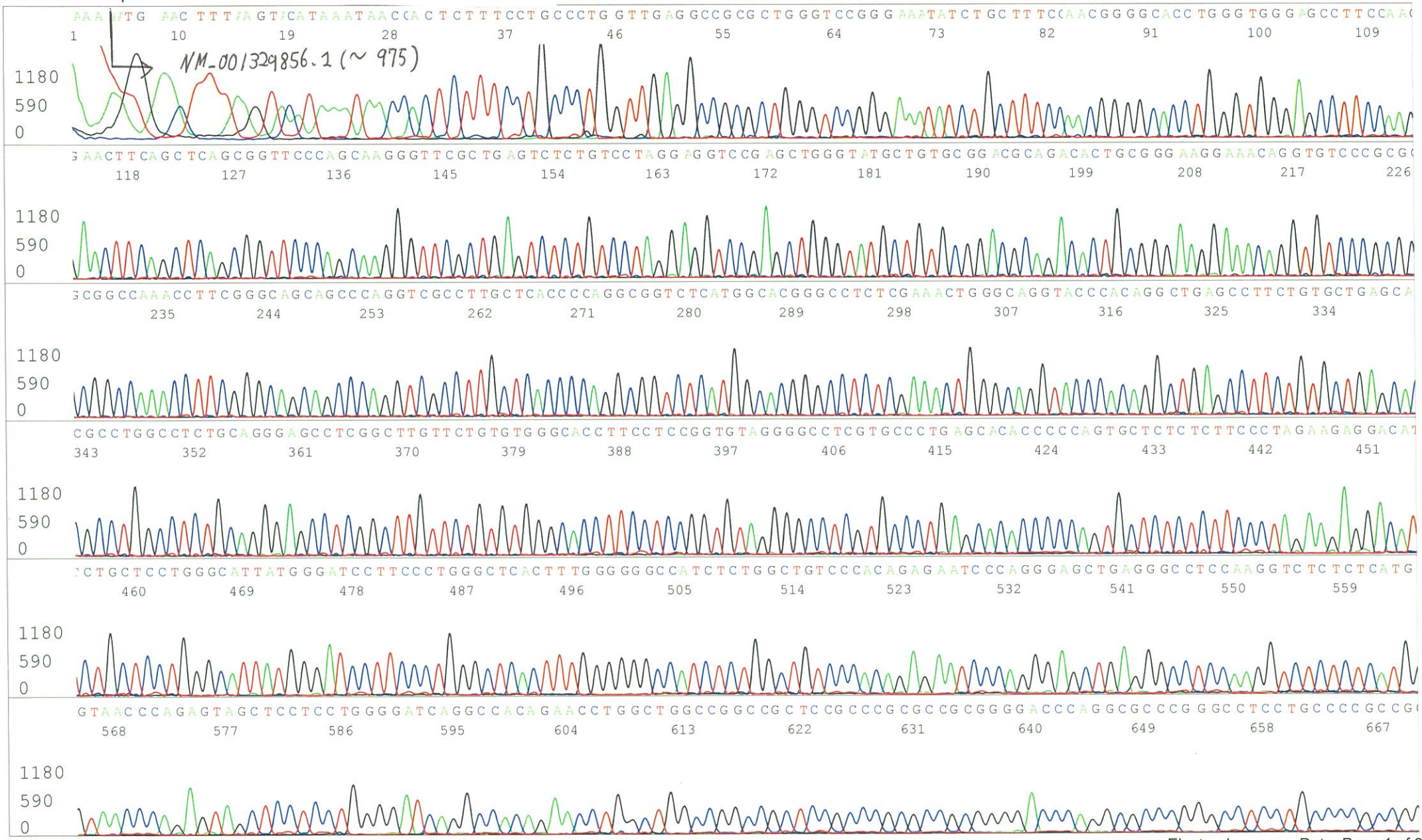
Applied Biosystems

S/N G:92 A:73 T:78 C:120
KB.bcp
KB 1.4.1.8 Cap:12

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

7677_RBd91F10_A7Bk_GNPmixture_D06_12_ABI24
7677_RBd91F10_A7Bk_GNPmixture
KB_3500_POP7_BDTv3.mob
Pts 1544 to 12635 Pk1 Loc:1521
Version 6.0 HiSQV Bases: 924

Inst Model/Name 3500/3500 Instrument
Feb 22,2017 01:56PM, JST
Feb 22,2017 02:22PM, JST
Spacing:13.25 Pts/Panel1350
Plate Name: 20170222_GNP



Applied Biosystems

S/N G:92 A:73 T:78 C:120
KB.bcp
KB 1.4.1.8 Cap:12

7677_RBd91F10_A7Bk_GNPmixture_D06_12_ABI24
7677_RBd91F10_A7Bk_GNPmixture
KB_3500_POP7_BDTv3.mob
Pts 1544 to 12635 Pk1 Loc:1521
Version 6.0 HiSQV Bases: 924

Inst Model/Name 3500/3500 Instrument
Feb 22,2017 01:56PM, JST
Feb 22,2017 02:22PM, JST
Spacing:13.25 Pts/Panel1350
Plate Name: 20170222_GNP

