NRCD Human Full-Length cDNA Clone

Gene Engineering Division
RIKEN BioResource Center

Lot# : 7672_A7Ai

RIKEN Clone ID : ARe80C03

Vector : pKA1U5

Gene	NR2F1	
RefSeq_mRNA	NM_005654.5	3734 bp
	CDS	1272 bp
5' position		–

● Plasmid DNA purification

Date : 170118 Culture : LB (100 ug/ml Ampicillin) 5 ml -> at 37 deg C O/N

Date : 170119 Purification : QIAGEN Miniprep kit -> dH_2O 100 ul

● Digestion by restriction enzyme/Concentrarion calibration

Date : 170119

DNA concentration (O.D.): 235 ng/ul

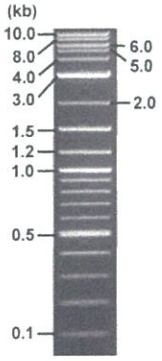
DNA	0.4 ul
Enzyme (BamHI)	1 ul
Buffer H	1 ul
dH_2O	7.6 ul
Total	10 ul

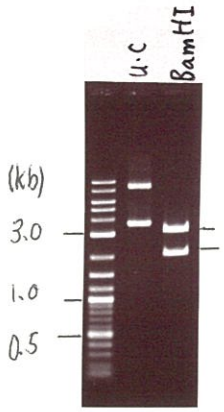
< Size of fragment expected from this clone >

BamHI 3.1kb (vector), 3.9 kb (unsure)

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

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





● Confirmation of the insertion sequence

Date : 170124

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 : 170126

DNA (235 ng/ul)	85.0 ul
10x TE	79.9 ul
dH_2O	634.1 ul
Total	799.0 ul

● Shipping

☑ Conc. : 25 ng/μl, Volume : 40 μl

☐ ~~Conc. : ng/μl, Volume : μl~~

APPROVED BY :

確認 17.1.26 笹沼

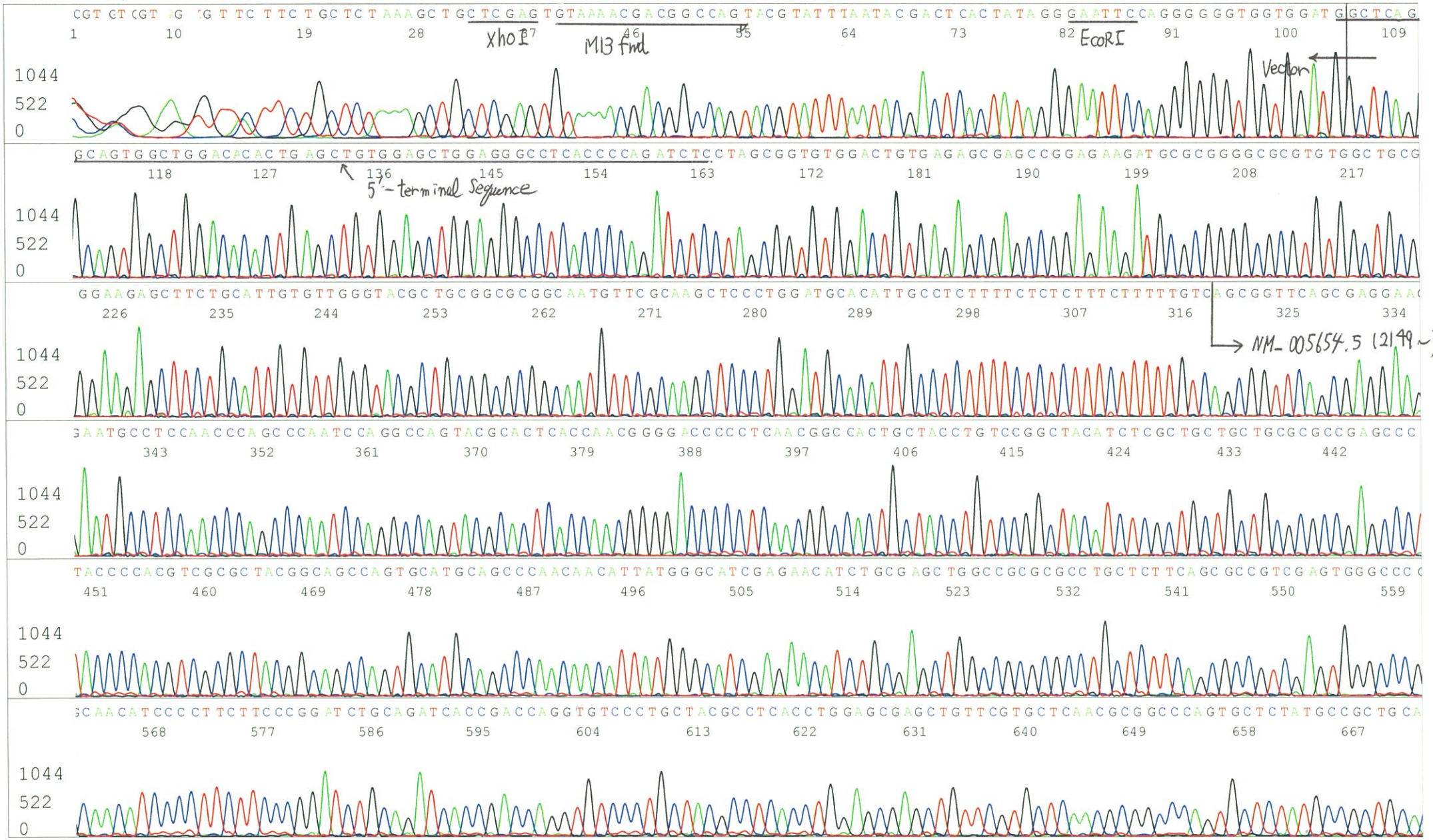
Applied Biosystems

S/N G:238 A:275 T:272 C:498
KB.bcp
KB 1.4.1.8 Cap:12

Primer A : pGCAP-F
5' CTCAGTGGATGTTGCCTTTAC 3'

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7672_ARe80C03_A7Ai_pGCAP_F
KB_3500_POP7_BDTv3.mob
Pts 1451 to 13219 Pk1 Loc:1428
Version 6.0 HiSQV Bases: 1000

Inst Model/Name 3500/3500 Instrument
Jan 24,2017 01:57PM, JST
Jan 24,2017 02:23PM, JST
Spacing:11.77 Pts/Panel1350
Plate Name: 20170124_mix

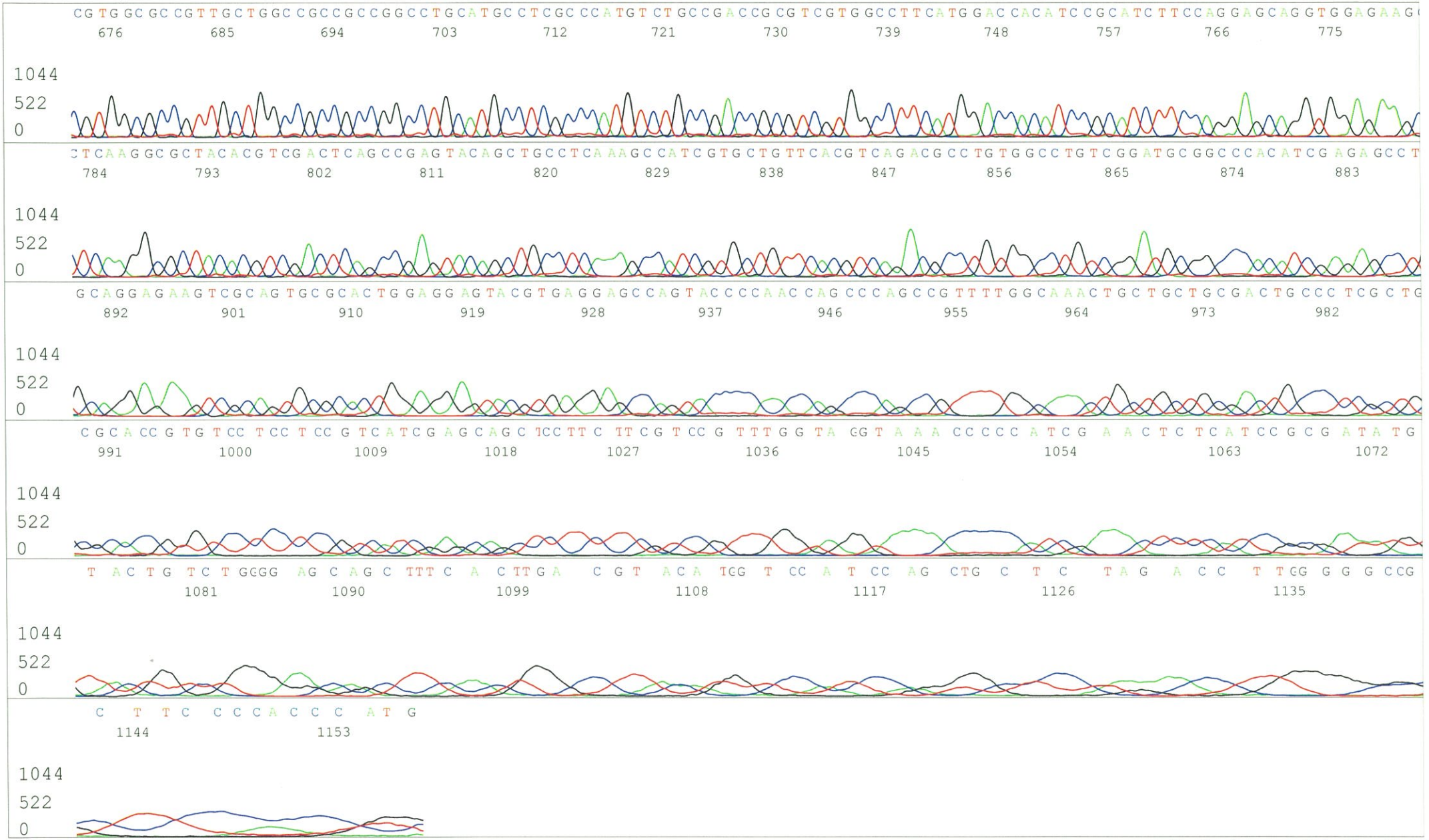


Applied Biosystems

S/N G:238 A:275 T:272 C:498
KB.bcp
KB 1.4.1.8 Cap:12

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Pts 1451 to 13219 Pk1 Loc:1428
Version 6.0 HiSQV Bases: 1000

Inst Model/Name 3500/3500 Instrument
Jan 24,2017 01:57PM, JST
Jan 24,2017 02:23PM, JST
Spacing:11.77 Pts/Panel1350
Plate Name: 20170124_mix



Printed on: Tue Jan 24,2017 04:00PM, JST

Electropherogram Data Page 2 of 2

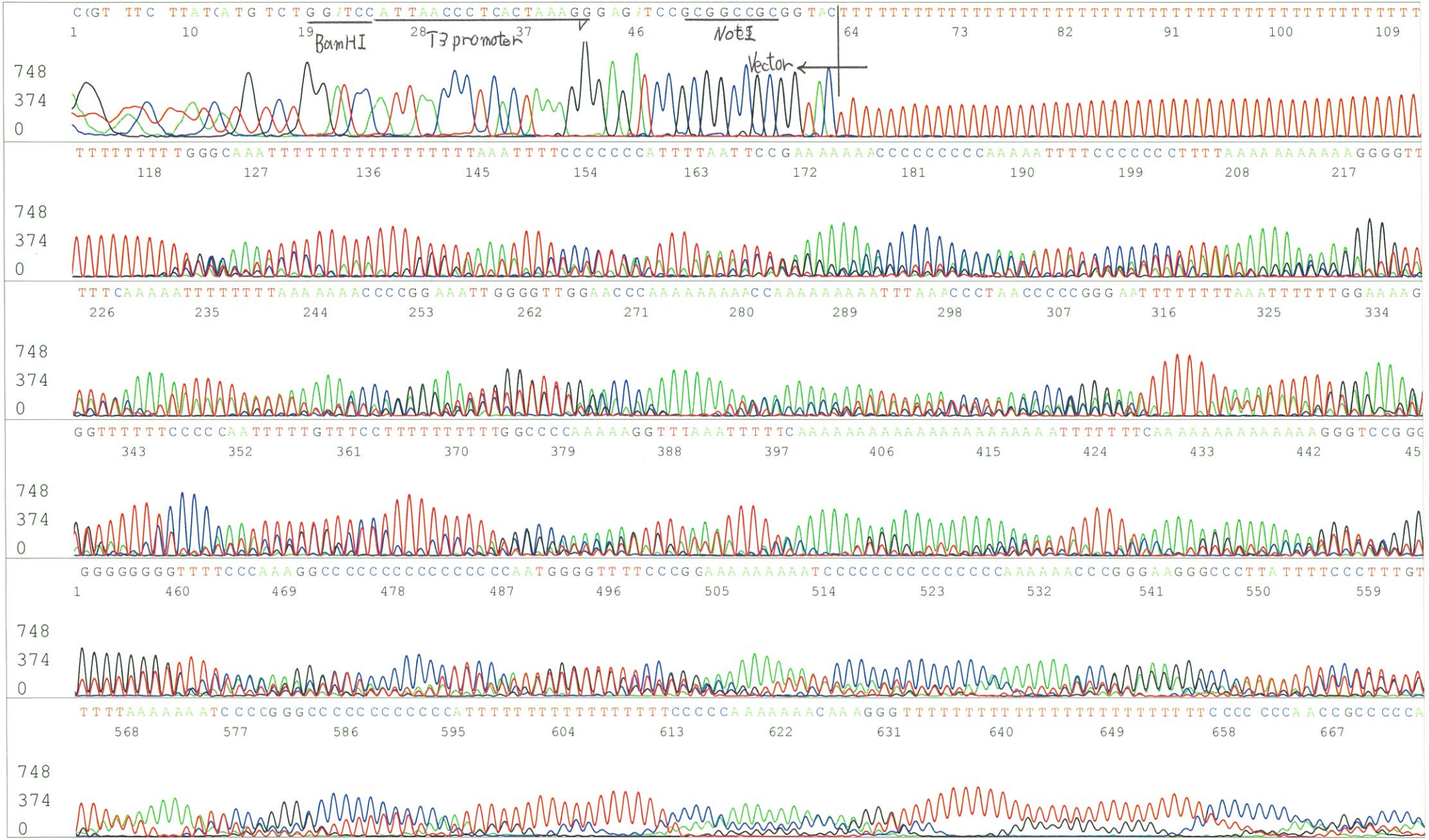
Applied Biosystems

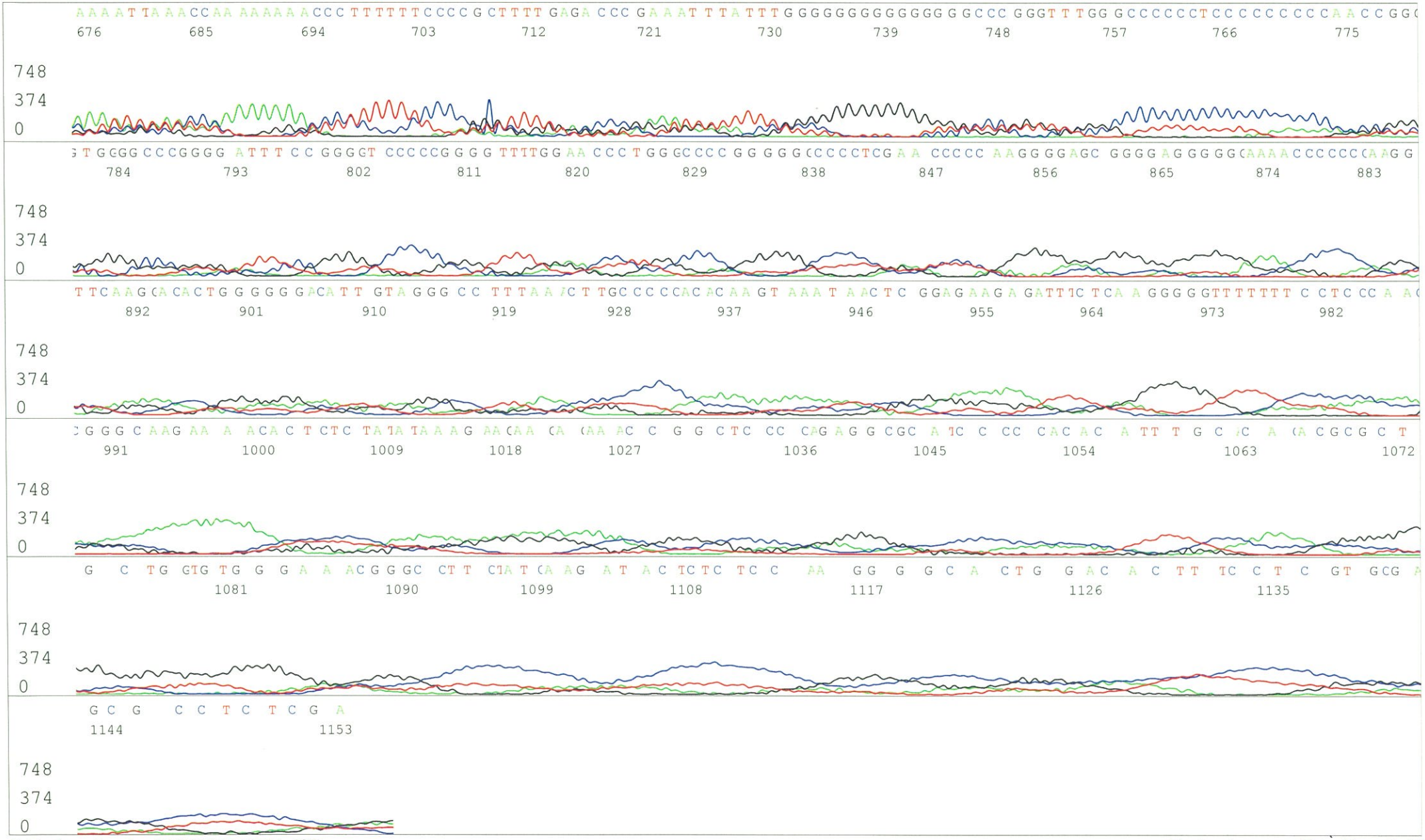
S/N G:30 A:49 T:64 C:56
KB.bcp
KB 1.4.1.8 Cap:15

Primer B : pGCAP-R
5' GCATTCTAGTTGTGGTTTGTCC 3'

7672_ARe80C03_A7Ai_pGCAP_R_E06_15_ABI24
7672_ARe80C03_A7Ai_pGCAP_R
KB_3500_POP7_BDTv3.mob
Pts 1465 to 13231 Pk1 Loc:1442
Version 6.0 HiSQV Bases: 227

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Spacing:11.89 Pts/Panel1350
Plate Name: 20170124_mix




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748
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748
374
0
892 901 910 919 928 937 946 955 964 973 982
748
374
0
991 1000 1009 1018 1027 1036 1045 1054 1063 1072
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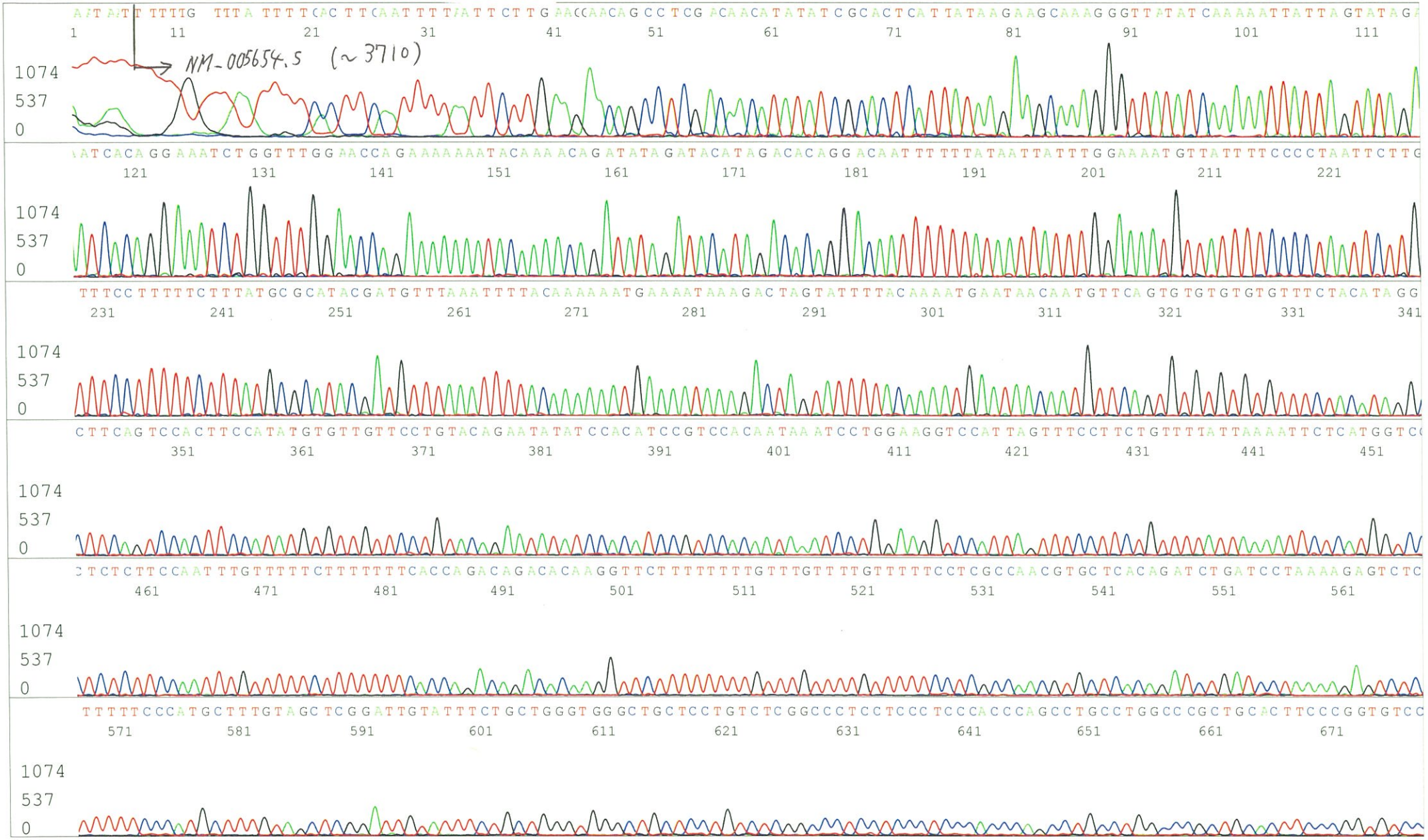
Applied Biosystems

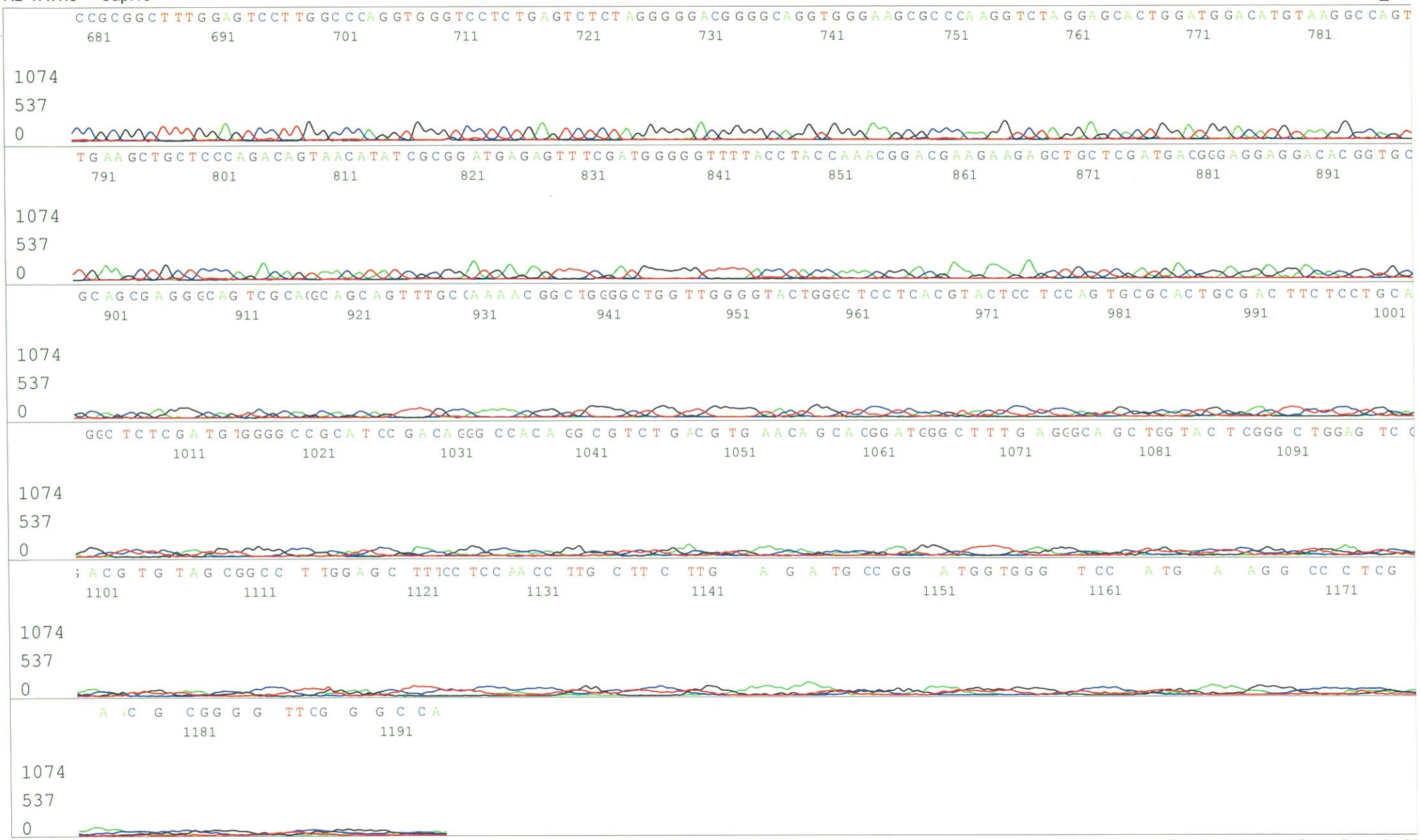
S/N G:40 A:75 T:71 C:72
KB.bcp
KB 1.4.1.8 Cap:18

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

7672_ARe80C03_A7Ai_GNPmixture_F06_18_ABI24
7672_ARe80C03_A7Ai_GNPmixture
KB_3500_POP7_BDTv3.mob
Pts 1450 to 13291 Pk1 Loc:1427
Version 6.0 HiSQV Bases: 1009

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681 691 701 711 721 731 741 751 761 771 781
1074
537
0
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791 801 811 821 831 841 851 861 871 881 891
1074
537
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1074
537
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1011 1021 1031 1041 1051 1061 1071 1081 1091
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1181 1191
1074
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