RIKEN_Clone_ID : ARf06B08

Vector : pKA1U5

Gene	FTSJ2	
RefSeq_mRNA	NM_013393.1	1605 bp	1..1605
CDS	768 bp	30..770
5'-terminal sequence	1593 bp	13..1605

● Plasmid DNA purification

Date : 121030

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

Date : 121031

Purification : QIAGEN Miniprep kit -> dH_2O 100 ul

● Digestion by restriction enzyme/Concentrarion calibration

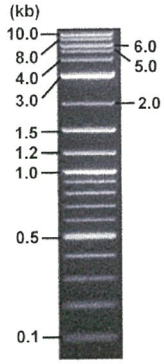
Date : 121031

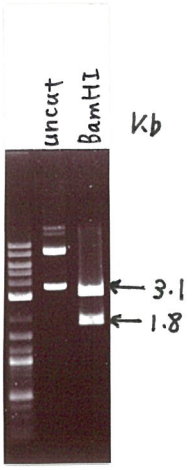
DNA concentration (O.D.): 295 ng/ul

DNA	0.5 ul
Enzyme (BamHI)	1 ul
Buffer H	1 ul
dH_2O	7.5 ul
Total	10 ul

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

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





<Expected size of fragment from ARf06B08 >

3138, 1807 bp (inference)

● Confirmation of the insertion sequence

Date : 121106

Primer A	pGCAP-F
Primer B	pGCAP-R
Primer C	Poly(A) region primer
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 : 121107

DNA (295 ng/ul)	82.0 ul
10x TE	96.8 ul
dH_2O	788.8 ul
Total	967.6 ul

確認 12.11.07 笹沼

Applied Biosystems

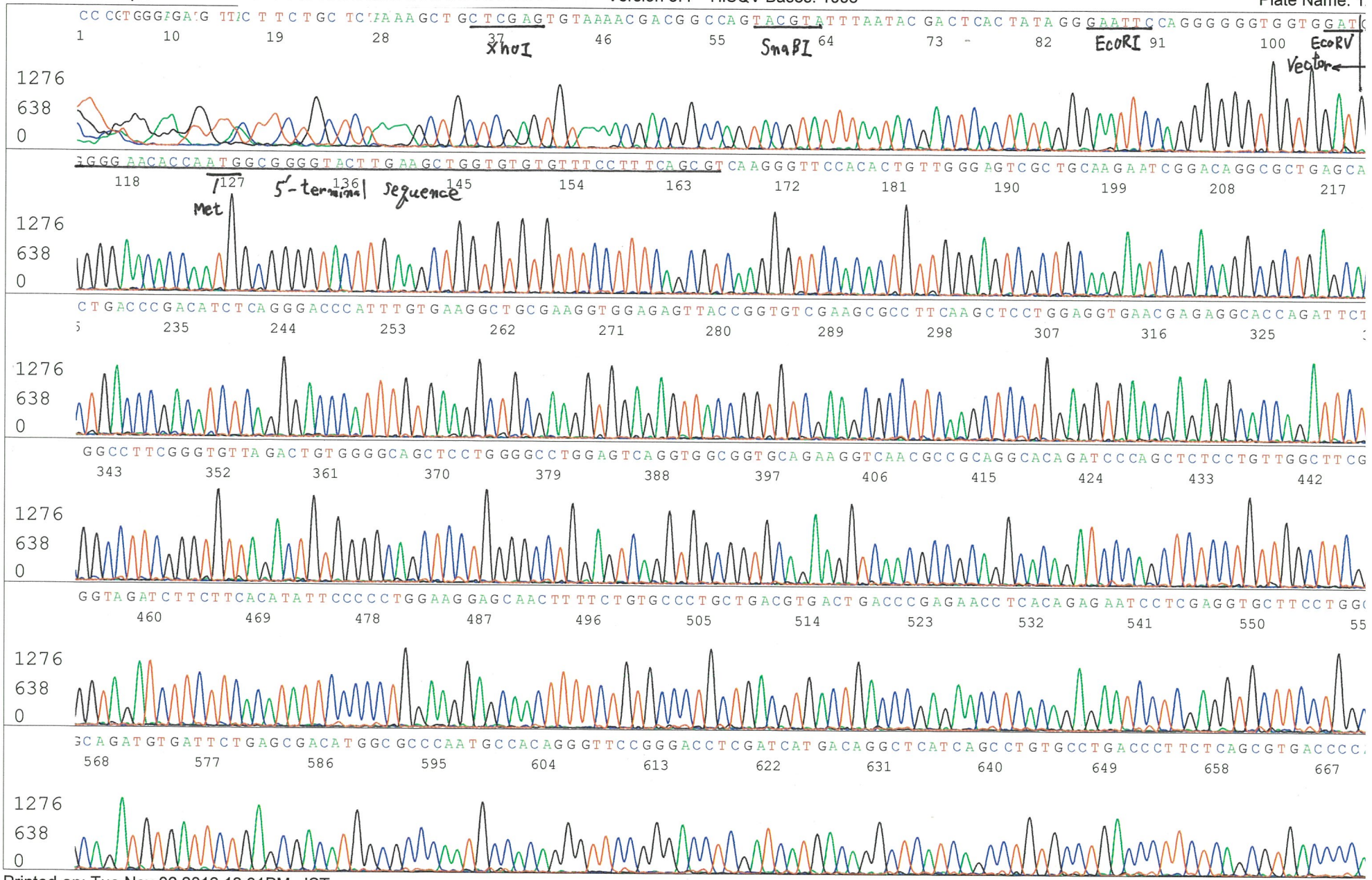
S/N G:41 A:27 T:25 C:25
KB.bcp
KB 1.4.1.8 Cap:7

Primer A : pGCAP-F

5' CTCAGTGGATGTTGCCTTTAC 3'

7673_ARf06B08_pGCAP_F_C04_07
7673_ARf06B08_pGCAP_F
KB_3500_POP7_BDTv3.mob
Pts 1297 to 13033 Pk1 Loc:1274
Version 5.4 HiSQV Bases: 1008

Inst Model/Name 3500/350
Nov 05,2012 02
Nov 05,2012 03
Spacing:11.56 Pt
Plate Name: 1



Printed on: Tue Nov 06,2012 12:31PM, JST

Electropherogram Data

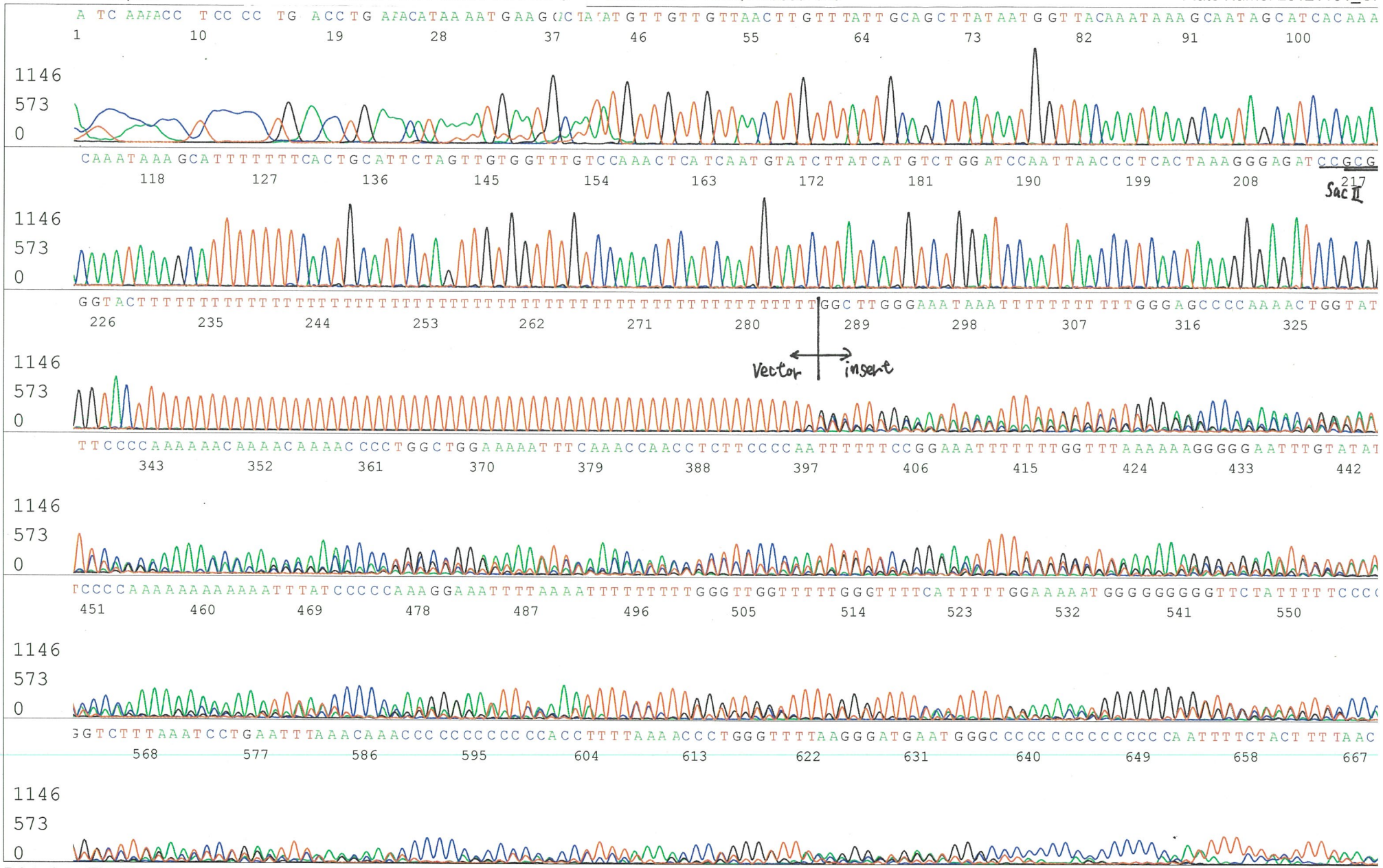
Applied Biosystems

S/N G:125 A:90 T:140 C:88
KB.bcp
KB 1.4.1.8 Cap:12

Primer B : pGCAP-R
5' GCATTCTAGTTGTGGTTTGTCC 3'

7673_ARf06B08_pGCAP_R_D03_12
7673_ARf06B08_pGCAP_R
KB_3500_POP7_BDTv3.mob
Pts 1230 to 12860 Pk1 Loc:1207
Version 5.4 HiSQV Bases: 329

Inst Model/Name 3500/3500 Ins
Nov 01,2012 10:59/
Nov 01,2012 11:25/
Spacing:11.57 Pts/Pa
Plate Name: 20121101_GN



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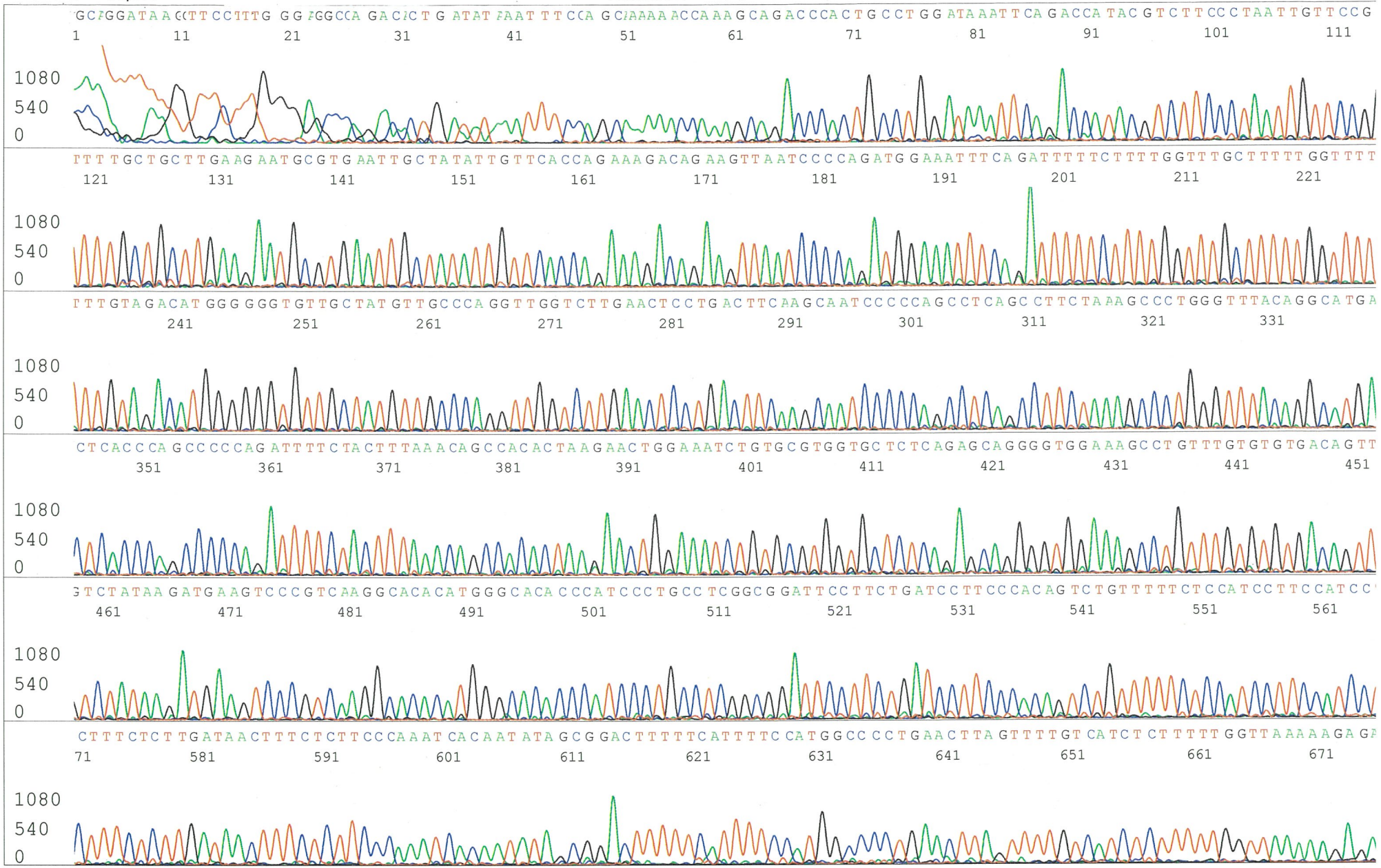
S/N G:16 A:11 T:11 C:11
KB.bcp
KB 1.4.1:8 Cap:15

Primer C : Poly(A) region primer #0

5' TTTTTTTTTTTTTTTTTTTTNNN 3'

7673_ARf06B08_GNPmixture_E03_15
7673_ARf06B08_GNPmixture
KB_3500_POP7_BDTv3.mob
Pts 1218 to 12735 Pk1 Loc:1195
Version 5.4 HiSQV Bases: 982

Inst Model/Name 3500/3500 In
Nov 01,2012 10:59
Nov 01,2012 11:25
Spacing:11.37 Pts/Pa
Plate Name: 20121101_G



Printed on: Thu Nov 01,2012 01:08PM, JST

Electropherogram Data P