

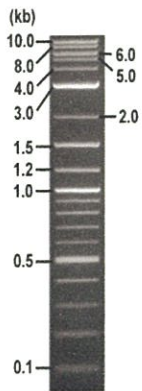


RIKEN DNA BANK

clone name : GEPRA-AA/ pT2KXIG Δ in

- Clone ID : RDB _ 15254
- Lot : 15254 _ A7H9
- DNA Concentration : 25 nanogram/microliter
- Volume : 40 microliter
- Form : DNA solution in TE buffer
- Host : DH5 alpha
- Culture : LB medium
- Antibiotics : 100 microgram/ml Ampicillin
- Purification : QIAGEN QIAprep Spin Miniprep kit
- Digestion by restriction enzyme

2-Log DNA Ladder
(NEB#N3200L),
250 ng/well



Electrophoresis : 100 nanogram DNA per lane ; 1% agarose gel , 1 x TAE Buffer

Restriction enzyme	Expected size of fragment
<u>BamHI</u>	<u>9.5</u> kbp
<u>PstI</u>	<u>5.7, 1.6, 0.9, 0.7, 0.6</u> kbp
<u>XhoI</u>	<u>6.2, 3.3</u> kbp
_____	_____ kbp
_____	_____ kbp

● Confirmation of the insertion sequence

Sequence name	Primer name	Sequence name	Primer name
Sequence - A	EF1a-C_F2	Sequence - E	pT2KXIG#1
Sequence - B	pAxCALNL_F1	Sequence - F	-
Sequence - C	RARbeta_LBD	Sequence - G	-
Sequence - D	EF1a-N_R2	Sequence - H	-



APPROVED BY :

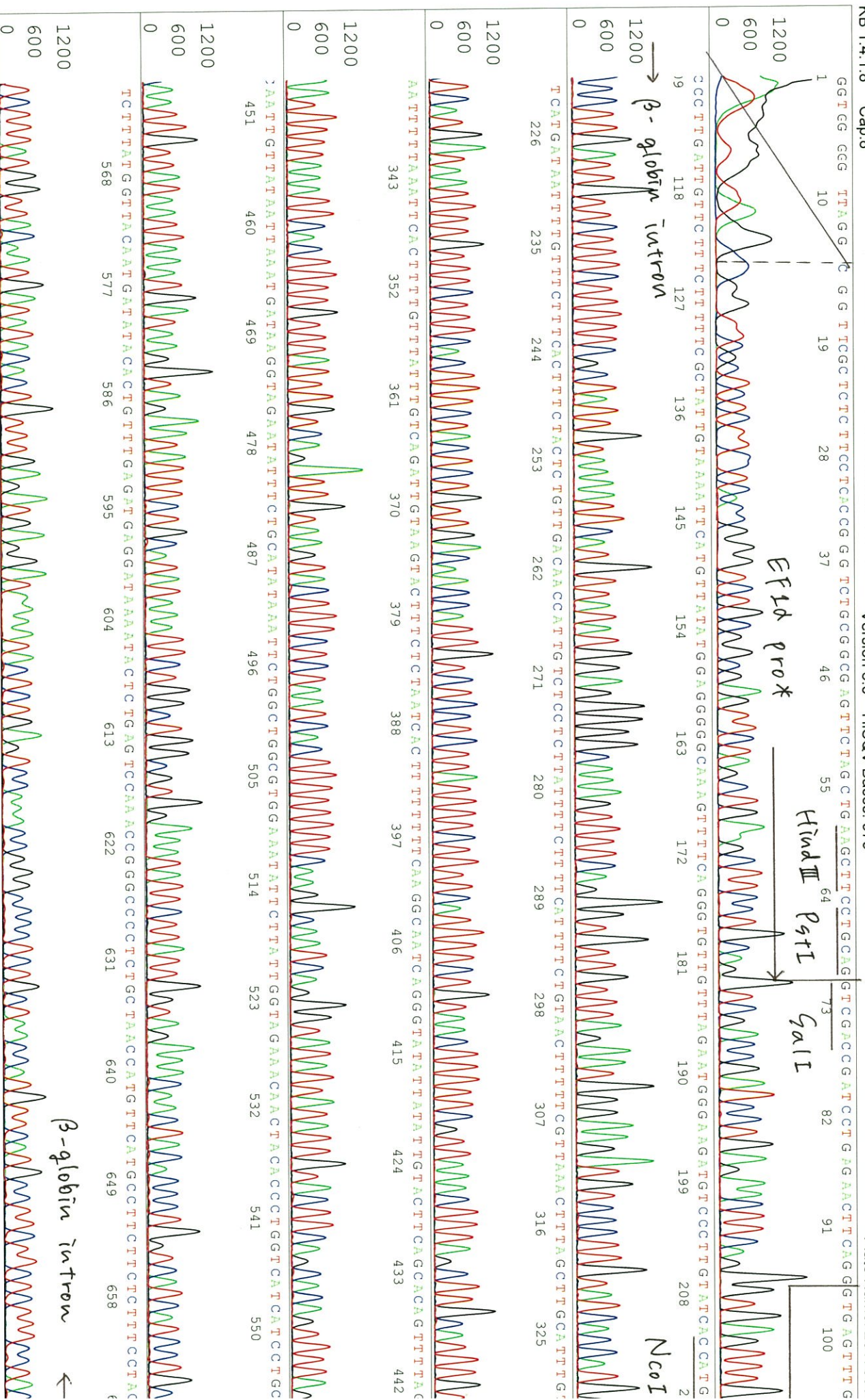
S/N G:128 A:162 T:189 C:160

KB.bcp

KB 1.4.1.8 Cap:8

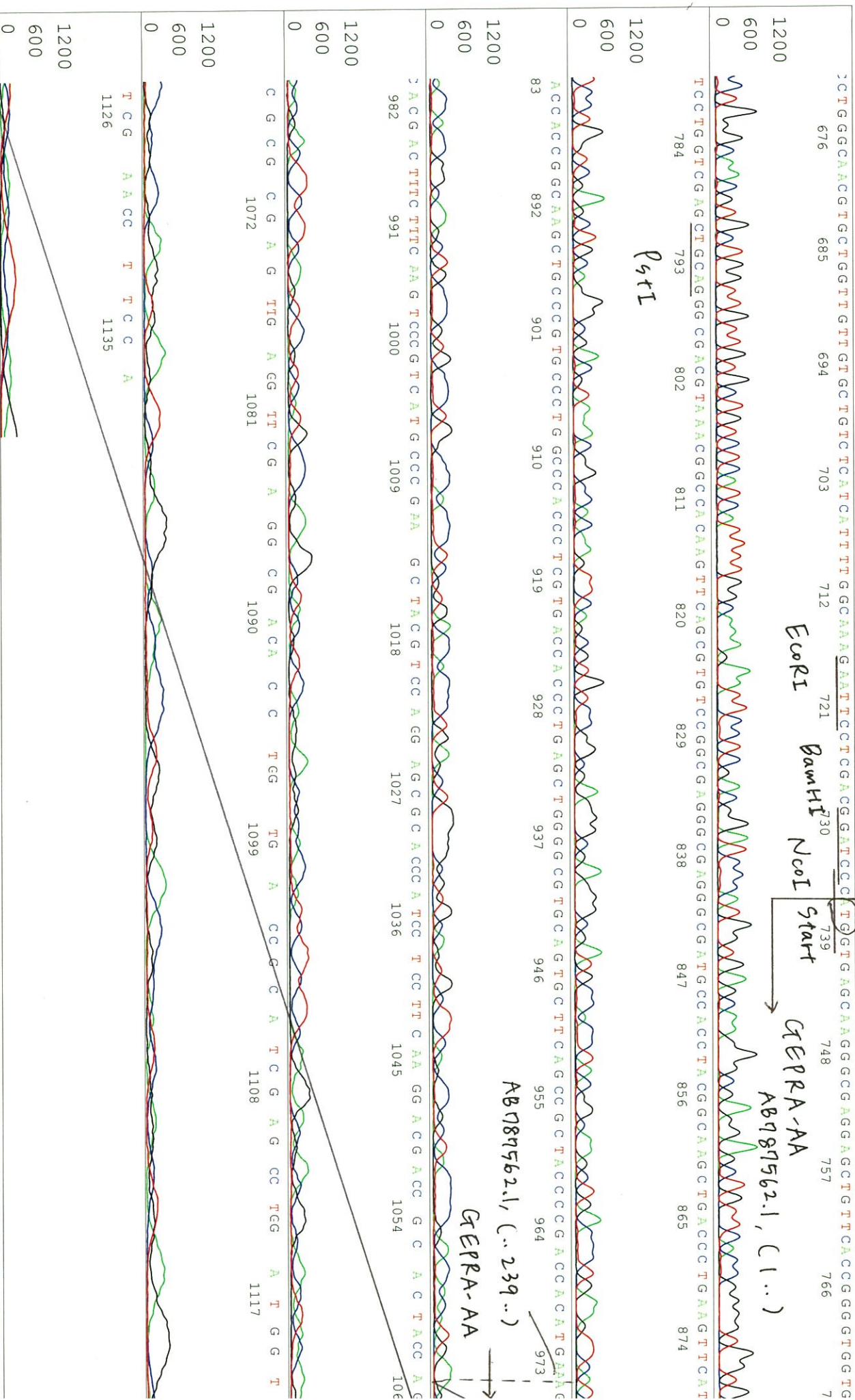
primer name A : EF1a-C_F2

5'-AATCCCGCCGACAGTAGAGGC-3'



Printed on: Wed Sep 06, 2017 04:26PM, JST

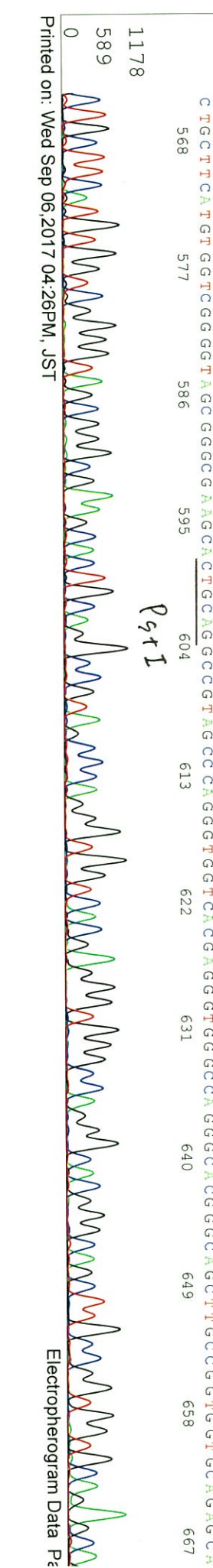
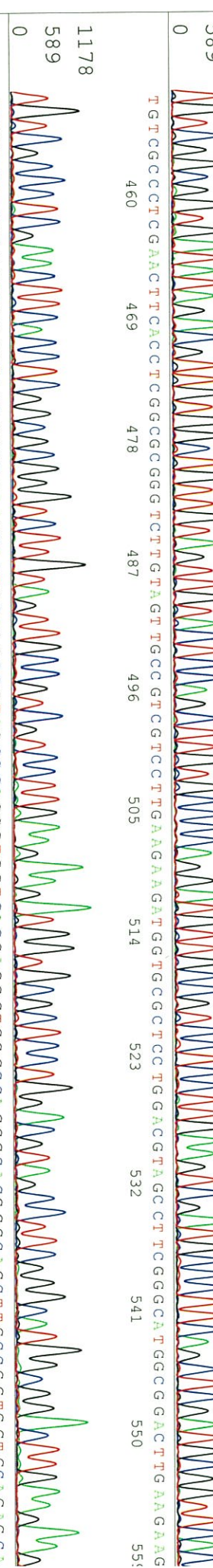
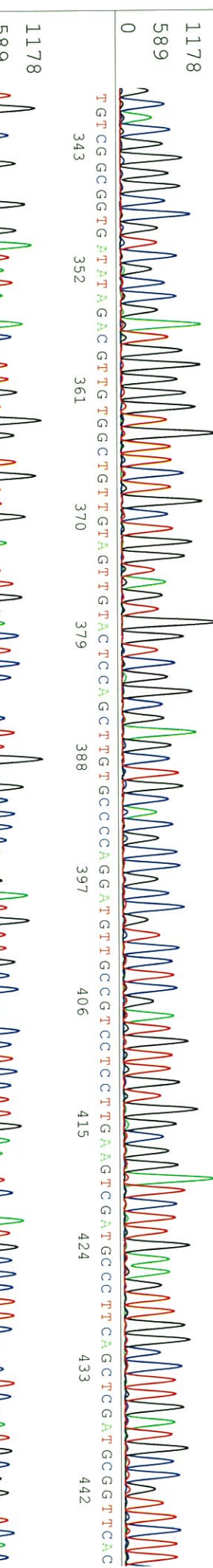
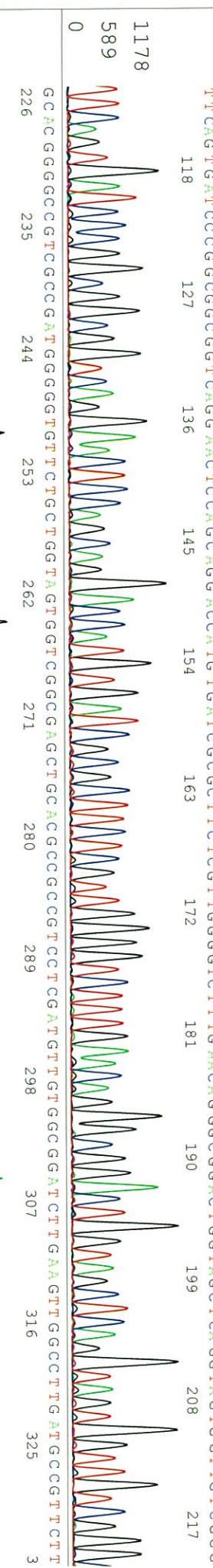
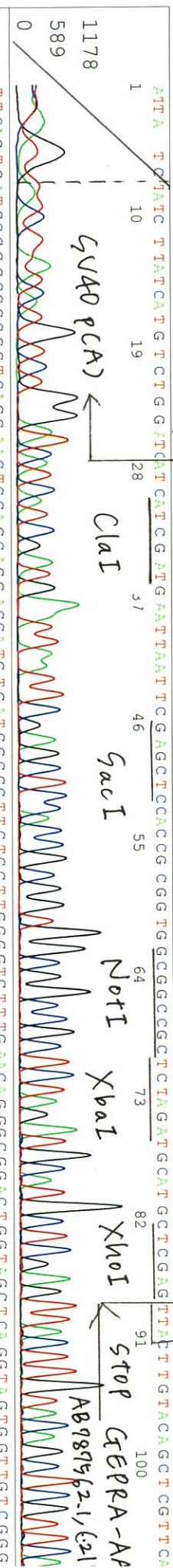
Electropherogram Data Pe



S/N G:203 A:142 T:177 C:2' primer name B : pAXCALNL_F1
KB.bcp
KB 1.4.1.8 Cap:11
5'-CACTGCATTCTAGTTGTGGTTTGTCC-3'

D04498G3-1_A7H9_pAXCALNL_F1
KB_3500_POP7_BDTV3.mob
Pis 1467 to 12931 PK1 Loc:1444
Version 6.0 HiSQV Bases: 976

Sep 06, 2017 01:57F
Sep 06, 2017 02:24F
Spacing: 11.52 Pts/Pa
Plate Name: 2017090K



S/N G:203 A:142 T:177 C:216

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KB_3500_POP7_BDTV3.mob

Pts 1467 to 12931 PK1 Loc:1444

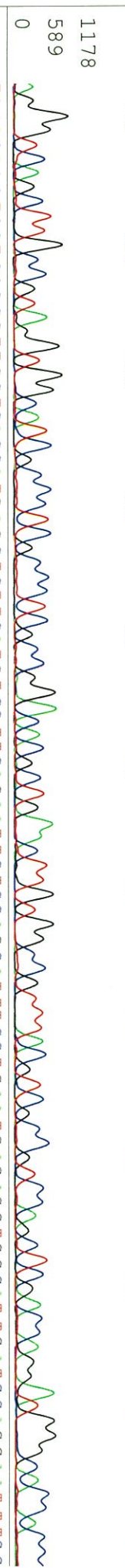
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Sep 06,2017 02:24F
Spacing:11.52 Pts/Pa
Plate Name: 20170901

KB.bcp

KB 1.4.1.8 Cap:11

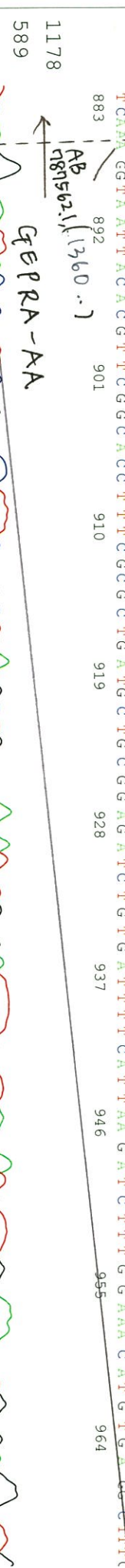
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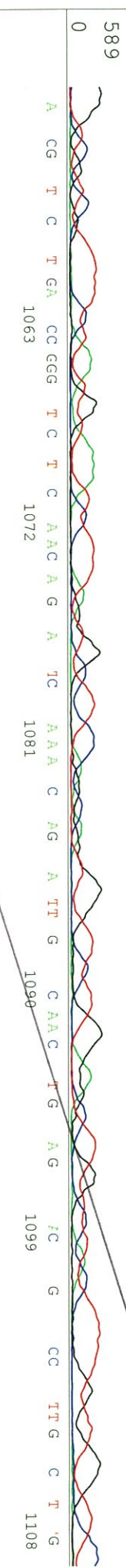
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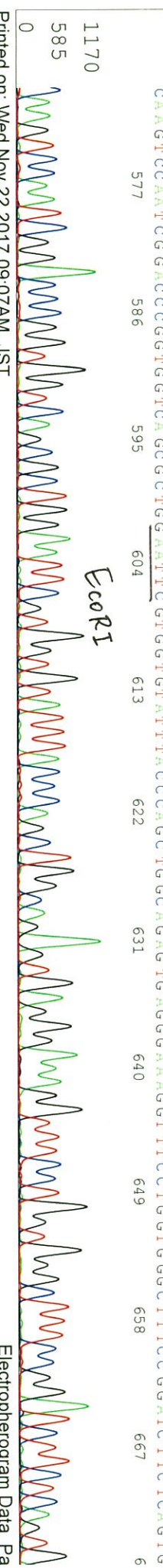
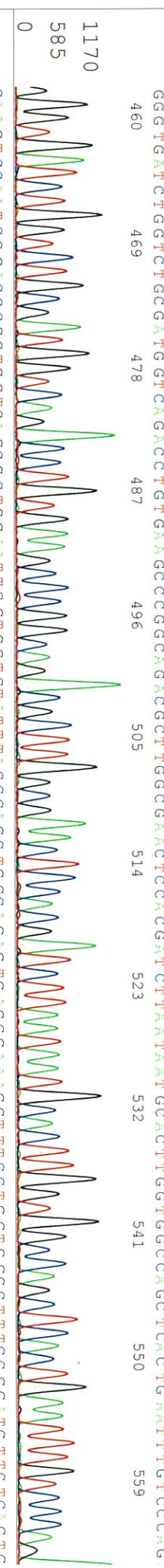
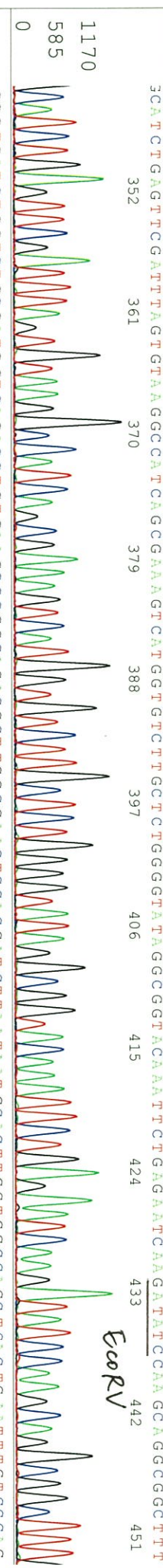
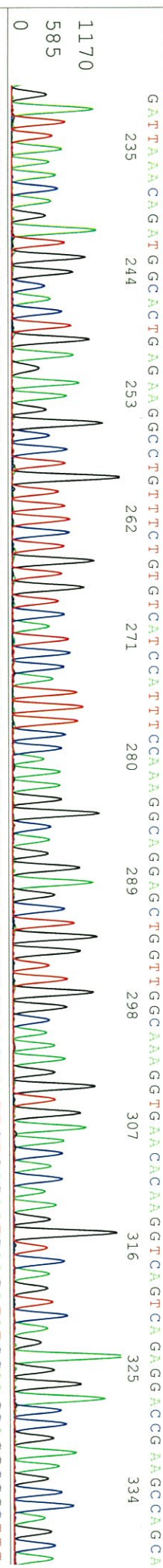
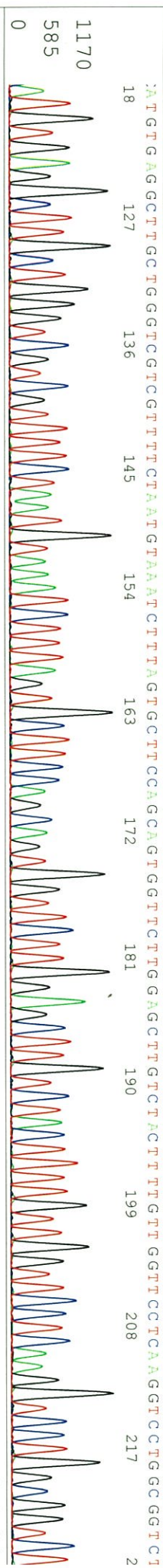
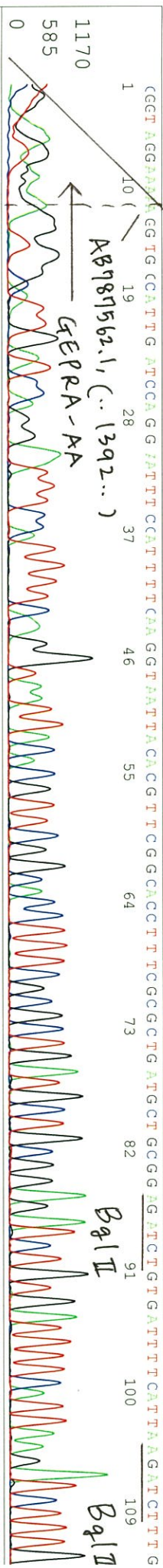
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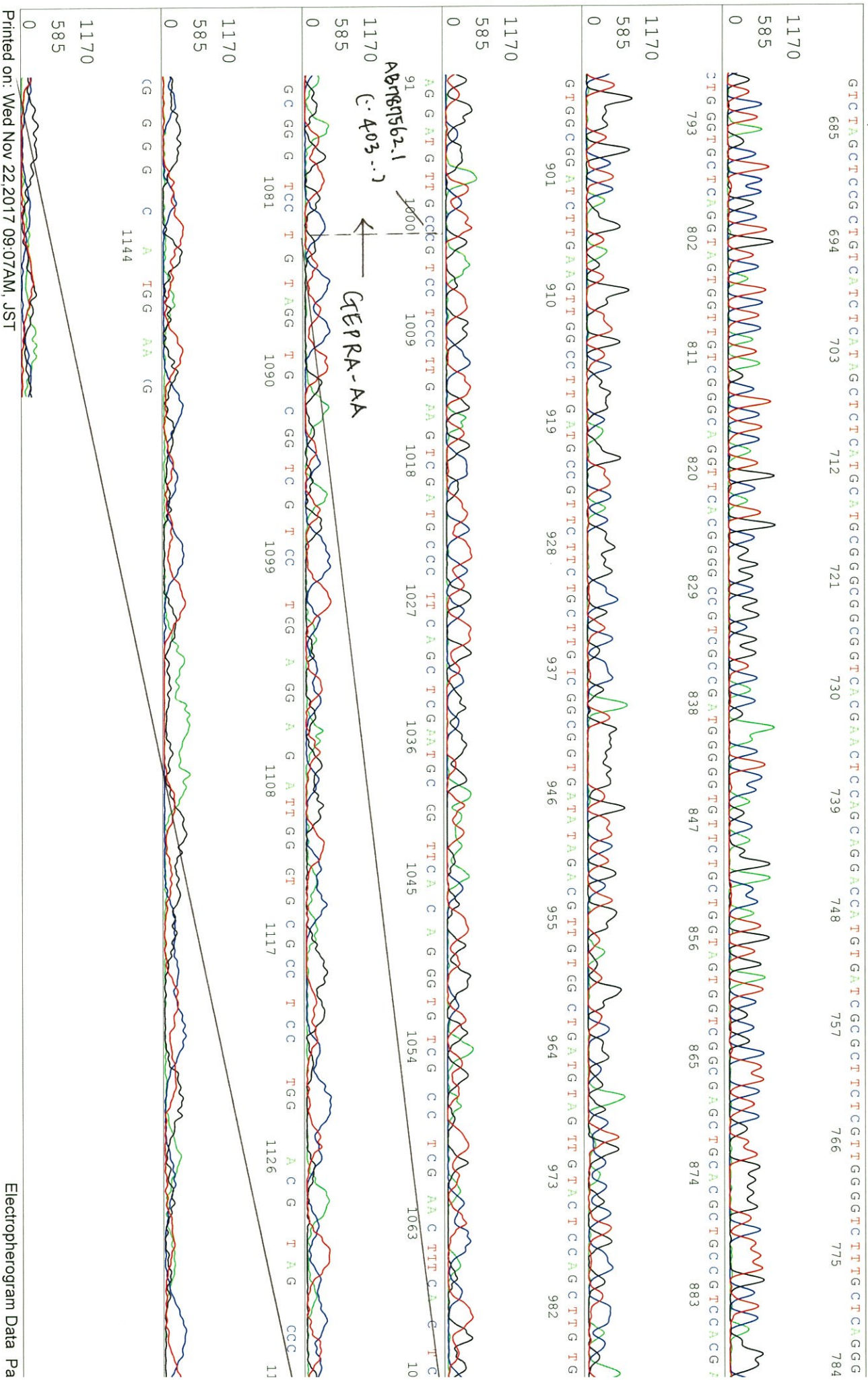


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TGGG TGA TCCA ATC





Printed on: Wed Nov 22, 2017 09:07AM, JST

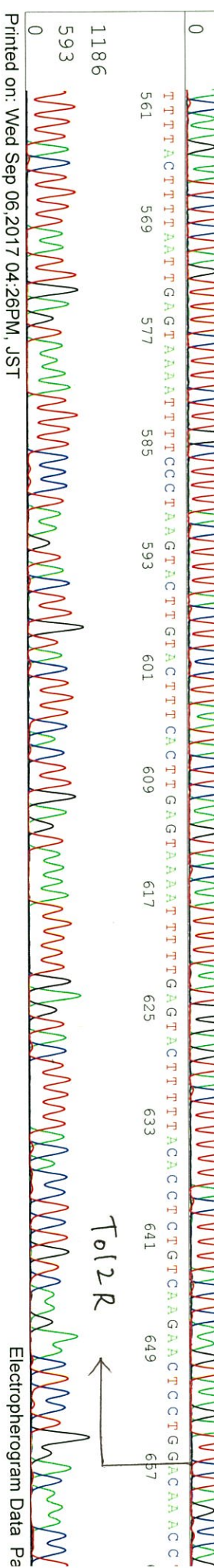
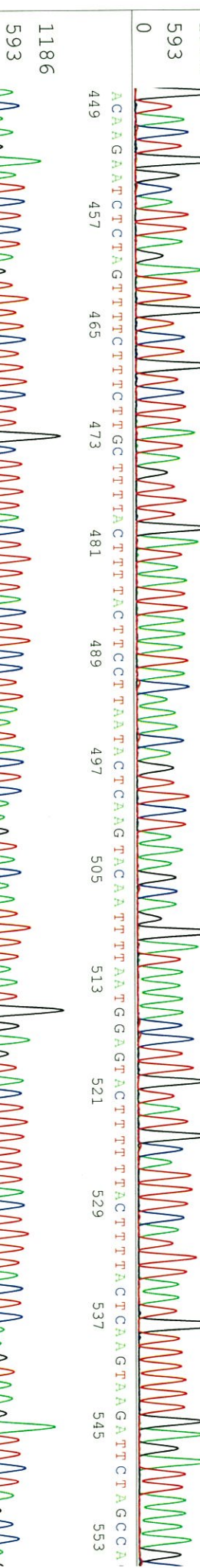
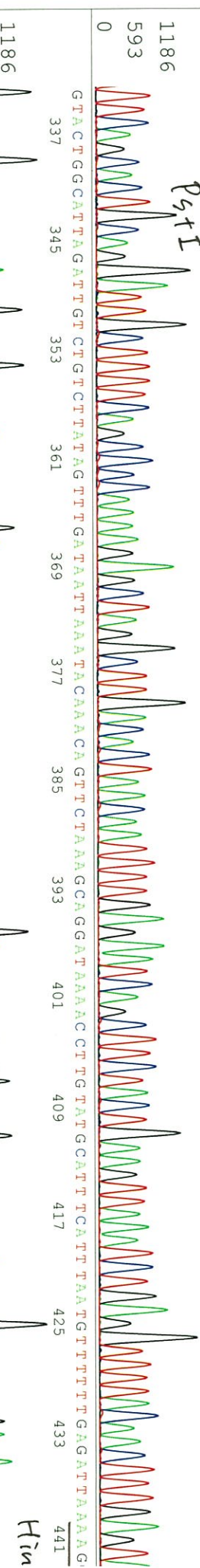
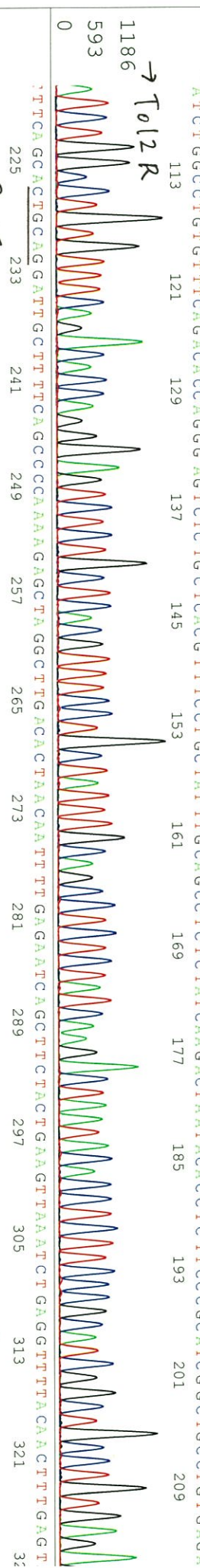
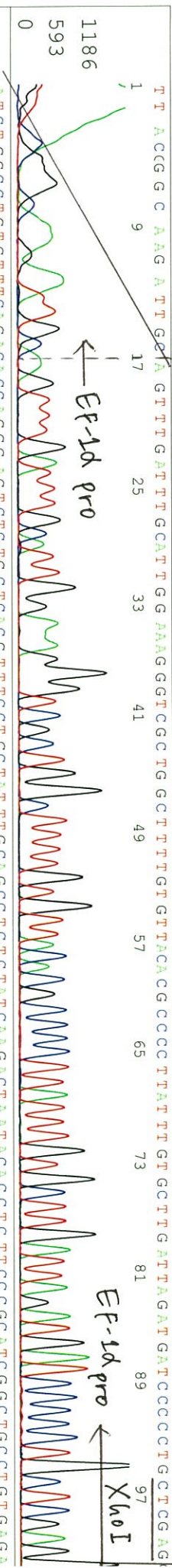
Electropherogram Data Pa

S/N G:89 A:114 T:113 C:89
KB.bcp
KB 1.4.1.8 Cap:14

primer name **D** : EF1a-N_R2
5'-TGATAGTGGACCTTAAGCCG-3'

KB_3500_POP7_BDTv3.mob
Pis 1441 to 12882 Pk1 Loc:1418
Version 6.0 HiSQV Bases: 972

Sep 06, 2017 01:57F
Sep 06, 2017 02:24F
Spacing:11.39 Pts/Pai
Plate Name: 2017090K



S/N G:89 A:114 T:113 C:89

D04498G3-1_A7H9_EF1a-N_R2

Sep 06, 2017 01:57F

KB.bcp

KB_3500_POP7_BDTV3.mob

Sep 06, 2017 02:24F

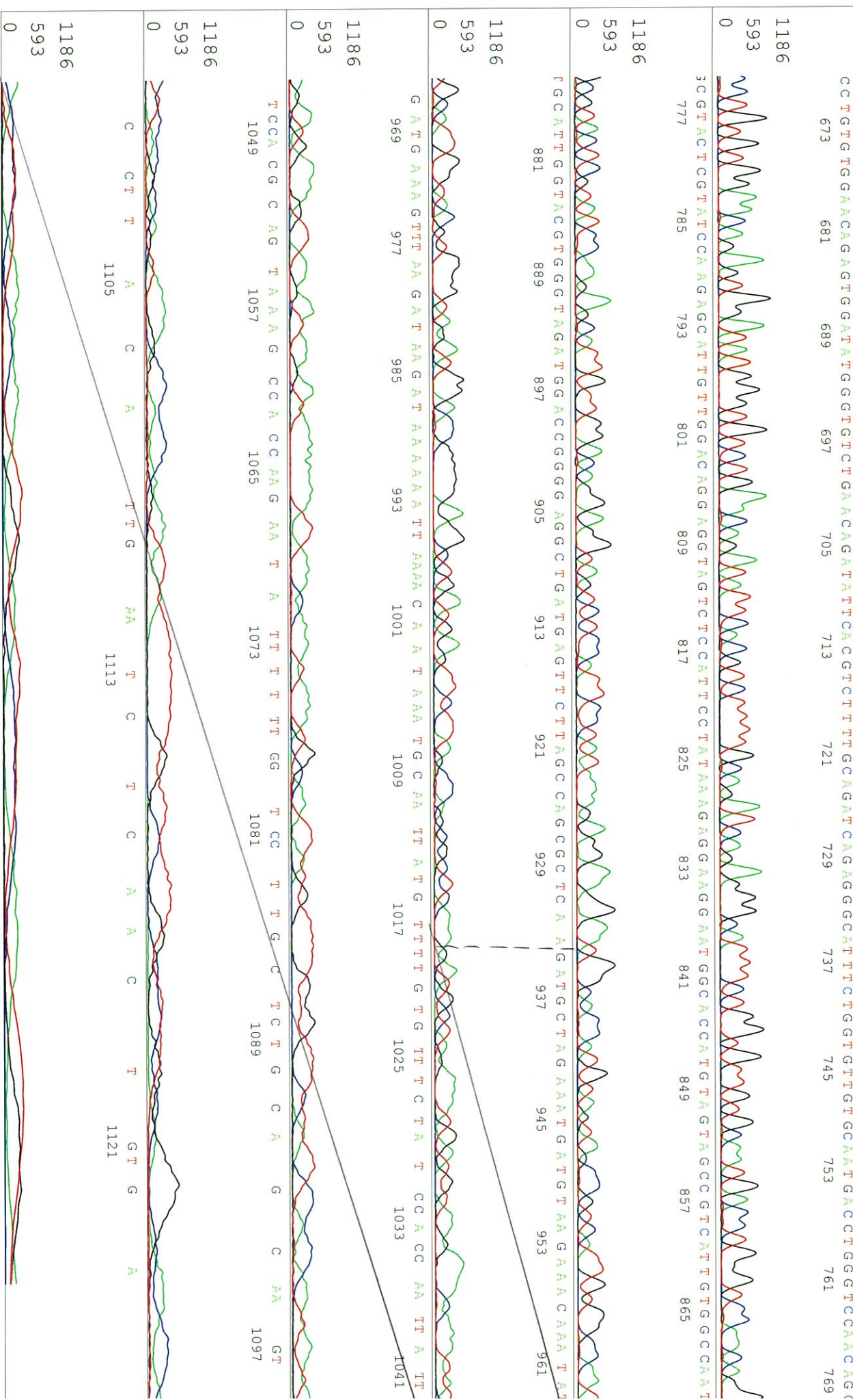
KB 1.4.1.8 Cap:14

Pls 1441 to 12882 Pk1 Loc:1418

Spacing: 11.39 Pts/Pa

Version 6.0 HiSQV Bases: 972

Plate Name: 2017090K



Printed on: Wed Sep 06, 2017 04:26PM, JST

Electropherogram Data Pe

primer name E : pT2KXIG#1

5'-AGGAAACAGCTATGACCATG-3'

Version 6.0 HISQV Bases: 1018

D04498G3_1_A7H9_pT2KXIG#1_G01_07_ABI08

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KB_3500_POP7_BDTV3.mob

Pls 1397 to 13192 PK1 Loc:1374

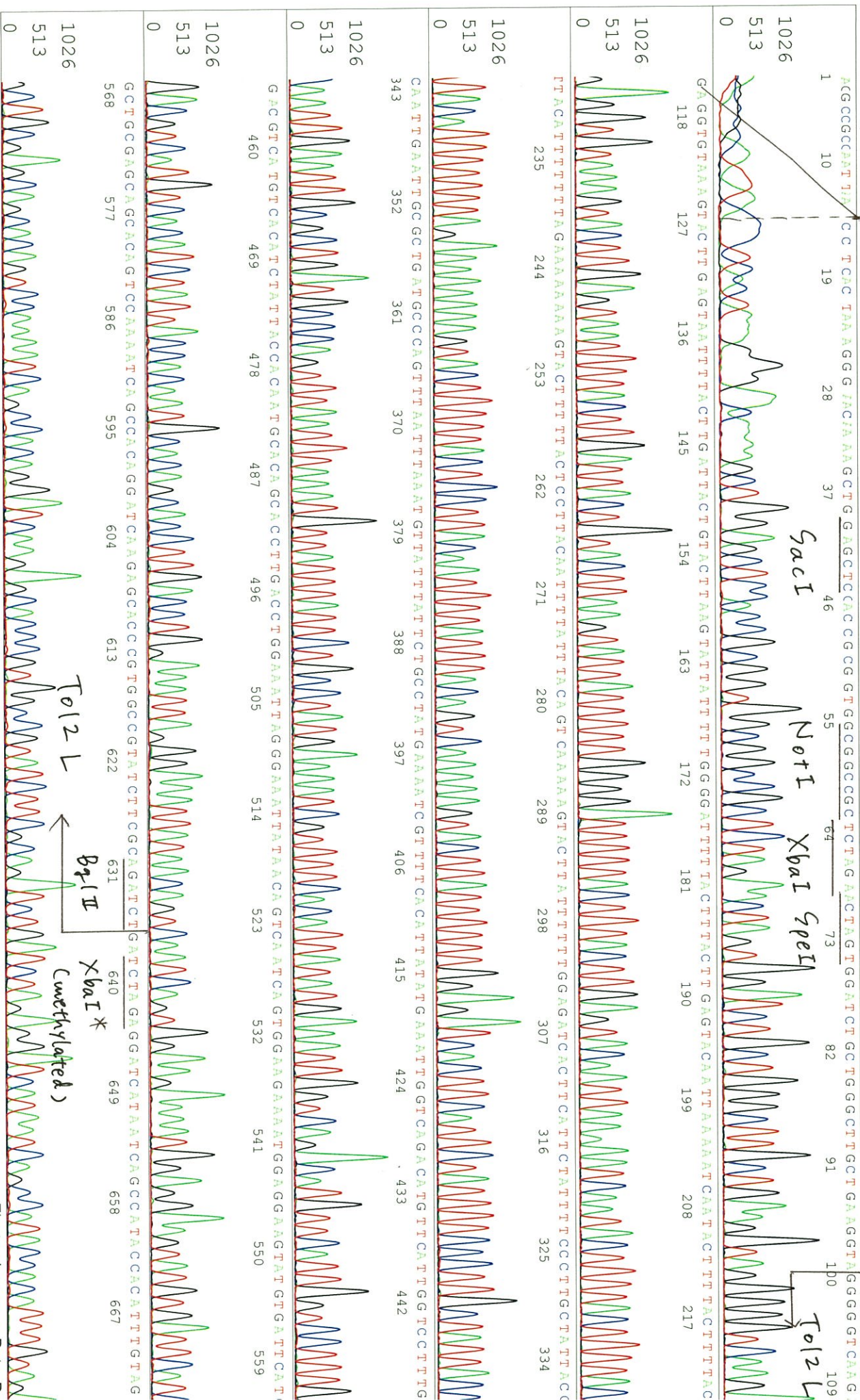
Inst Model/Name 3500/3500 Ins

Nov 21, 2017 03:51F

Nov 21, 2017 04:32F

Spacing:11.94 Pts/Pa

Plate Name: 20171121_c



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685 694 703 712 721 730 739 748 757 766 775 784

ATAGCATCACAAATTTCCACAAA TAAA GCATTTTTCACCTGCATTCCTAGTTGGTTTGTCCAAACTCATCAATCATGTTATCTTATCATGTCTGGATCATCATCGAT
793 802 811 820 829 838 847 856 865 874 883 892

SVA0 pCA

SVA0 pCA

Clal

TAATTCGAGCTCCACCGCGGTGGCGCGCCCTCTAGATGGCATGCTCGAGTTACTTGTACAGCTCGTTCATGCCCTTCAGT GATCCCGCGCGGTCAG
901 910 919 928 937 946 955 964 973 982 991

GacI NotI XbaI XhoI Sstop

GERRA-AA

TCCAGCA GGA C C A T G T G A T C G C G C T T C T C G T T G G G G T C T T T T G A A C A G G C G G A C T G G T A G C T C A G T A G T G G T T G T C G G C A A G C
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1090 1099 1108 1117 1126 1135 1144

TTCCCG AAG GTTTT TGTG
1162 1171

