

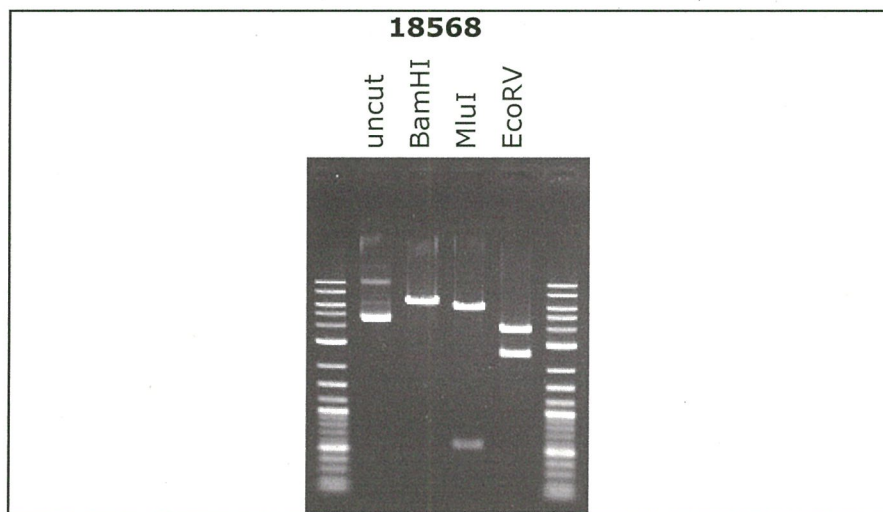
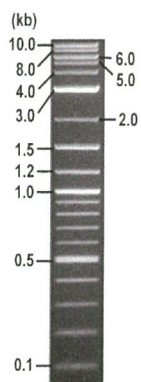


RIKEN DNA BANK

clone name : **pSFL10 pRS314-GDPp-GFP1-10**

- **Clone ID** : RDB_ 18568
- **Lot** : 18568_ B0J5
- **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**

1 kb Plus 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	
BamHI	6.3	kbp
MluI	5.8, 0.5	kbp
EcoRV	3.8, 2.5	kbp
		kbp

● **Confirmation of the insertion sequence**

Please be sure to check our sequence analysis results before your request.

Sequence name	Primer ID	Primer name	Confirmed feature
Sequence - A	Pr0800	HB-NOS_R	T7 pro, insert 5' (GPD pro)
Sequence - B	Pr0108	SV40pA3'Element Reverse	T3 pro, insert 3' (CYC1 ter, GFP1-10 3')
Sequence - C	Pr0431	TDH3pro_F	insert mid (GPD pro, GFP1-10 5')
Sequence - D	Pr0171	TRP1pro_F	TRP1
Sequence - E	Pr0022	CYC1ter_R	insert mid (CYC1 ter, GFP1-10 3')
Sequence - F	Pr0008	Amp_R	AmpR pro, CEN_ARS
Sequence - G	-	-	-
Sequence - H	-	-	-

APPROVED BY :



S/N G:176 A:147 T:175 C:139 primer name A : HB-NOS_R

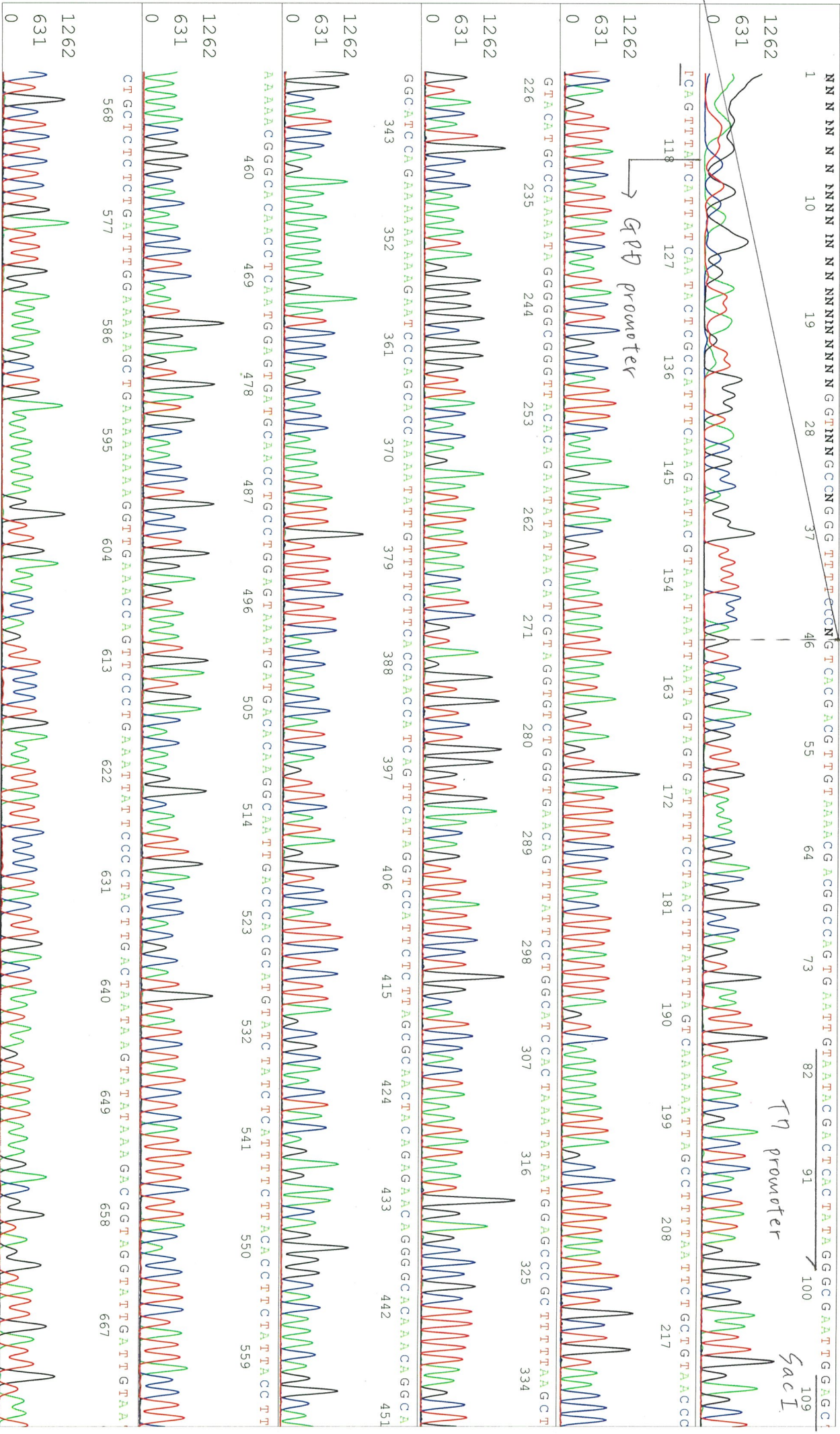
D07393A2_B0J5_1_HB-NOS_R
KB_3500_POP7_BDTV3.mob
Pis 1463 to 13065 Pk1 Loc: 1440

Oct 13, 2020 03:03PM, JST
Oct 13, 2020 03:31PM, JST
Spacing: 1.56 Pts/Panel1350

KB.bcp KB 1.4.1.8 Cap:1 5'-TCTTCGCTATTACGCCAGCT-3'

Version 6.0 HiSeqV Bases: 951

Plate Name: 20201013 Kitaku



S/N G:176 A:147 T:175 C:139

D07393A2_B0J5_1_HB-NOS_R

KB_3500_POP7_BDTV3.mob

Pts 1463 to 13065 PK1 Loc:1440

Version 6.0 HiSQV Bases: 951

Oct 13,2020 03:03PM, JST

Oct 13,2020 03:31PM, JST

Spacing:1.56 Pts/Panel1350

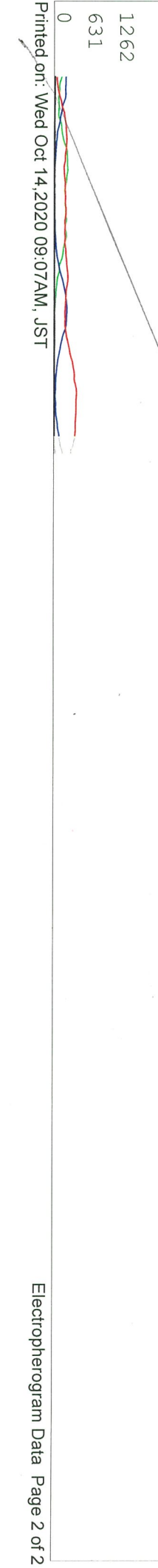
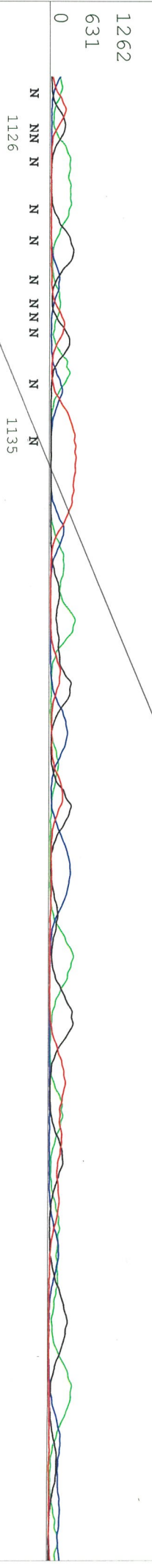
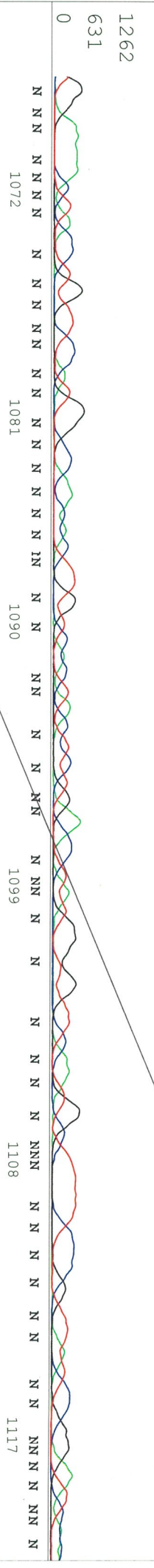
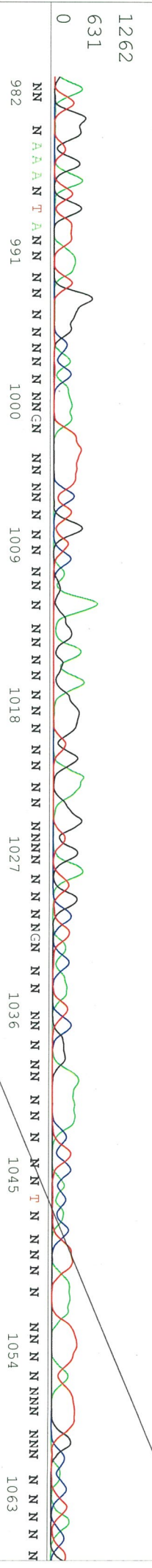
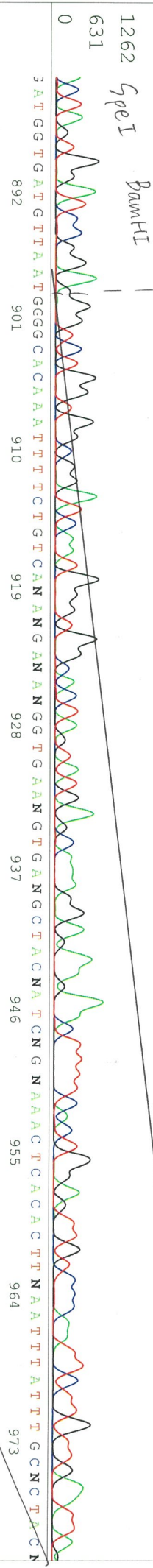
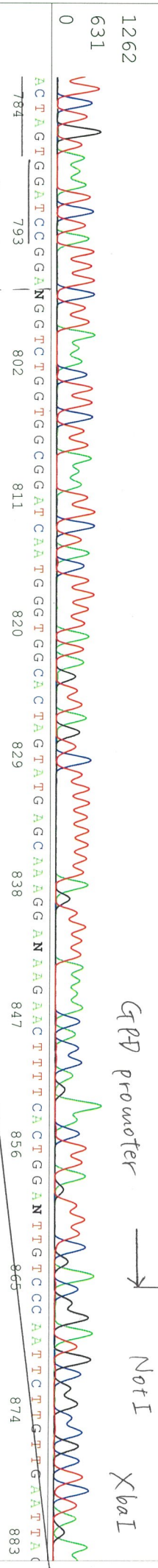
Plate Name: 20201013 kitaku

KB bcp

KB 1.4.1.8 Cap:1

TTCTGTAATACTTATTCTTAAACTTCTTAAATTTCTACTTTTATAGTTTAGTCTTTTATTAGTTTAAACAACCCAGAACTTAGTTTCCGACCGATGCCGCCGCTCTAGA

GPD promoter → NotI XbaI



S/N G:196 A:162 T:141 C:154 primer name β : SV40pA3Element Reverse

KB_bcp KB_3500_POP7_BDTV3.mob

Oct 13, 2020 03:03PM, JST

KB 1.4.1.8 Cap:4

5- CTCTGACTTGAGCGTCGATTT -3'

Pts 1423 to 12839 PK1 Loc:1400

Oct 13, 2020 03:31PM, JST

Version 6.0 HiSeqV Bases: 929

Plate Name: 20201013 kitaku



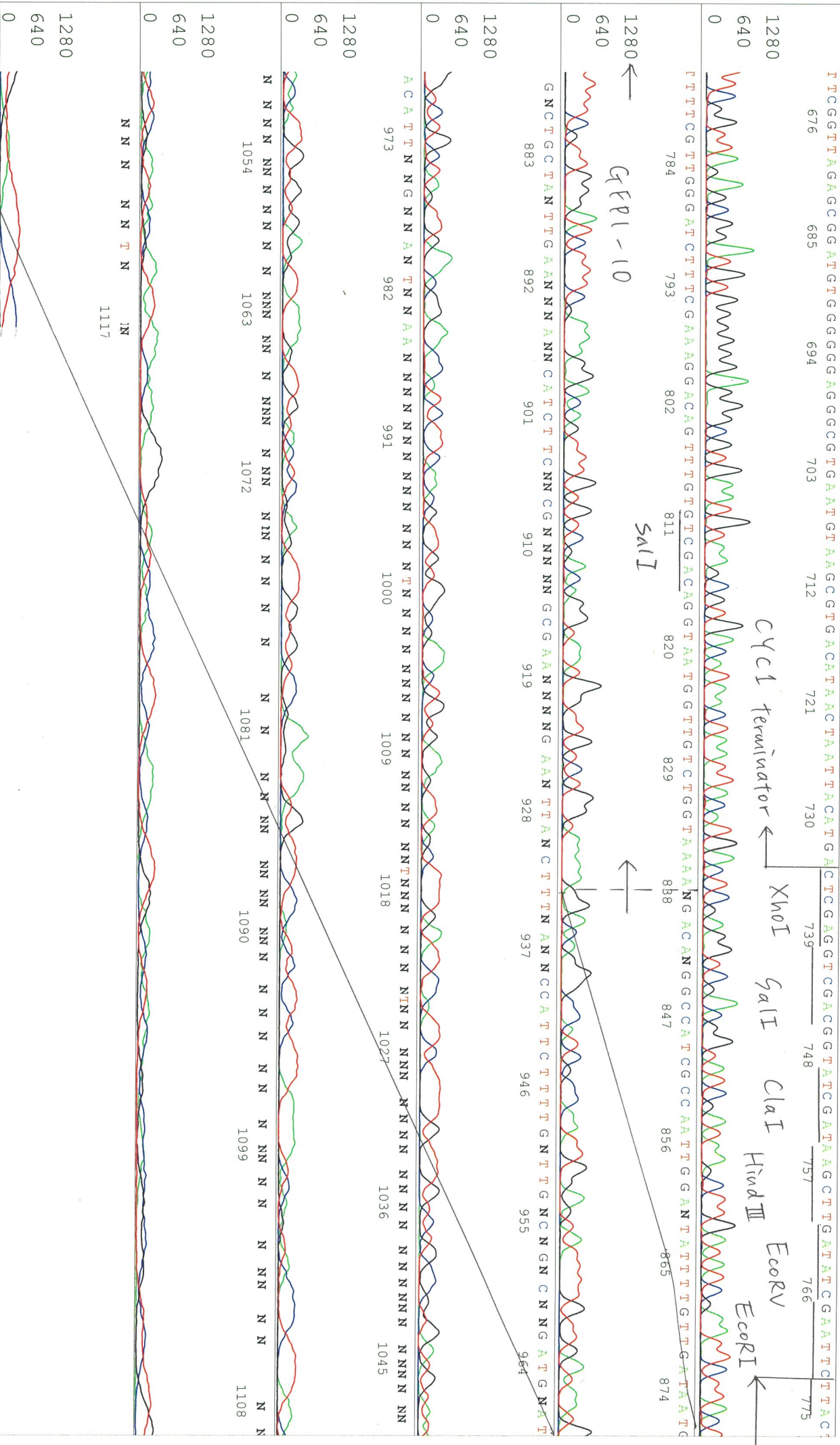
S/N G:196 A:162 T:141 C:154

KB:bcp

KB 1.4.1.8 Cap:4

Pts 1423 to 12839 Pk1 Loc:1400

Version 6.0 HiSQV Bases: 929



S/N G:120 A:100 T:89 C:83

primer name C : TDH3pro_F

KB_3500_POP7_BDTV3.mob

Oct 13, 2020 03:03PM, JST

KB.bcp

5'-AAATTATTCCCTACTTGAC-3'

Pls 1418 to 13019 Pk1 Loc:1395

Spacing:11.58 Pts/Panel1350

KB 1.4.1.8

Cap:10

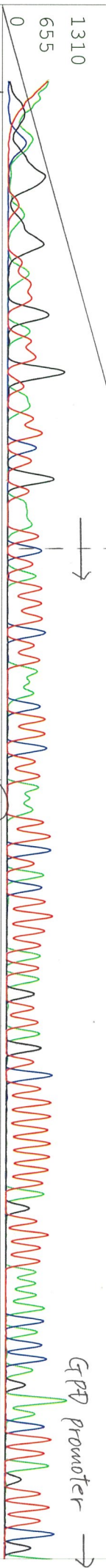
Version 6.0

Plate Name: 20201013 kitaku

HiSeqV Bases: 932

1 10 19 28 37 46 55 64 73 82 91 100 109

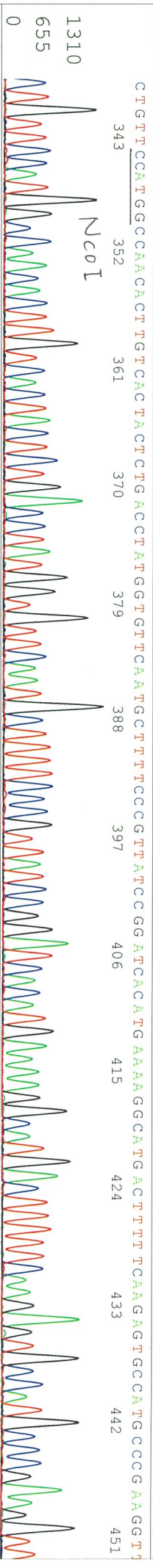
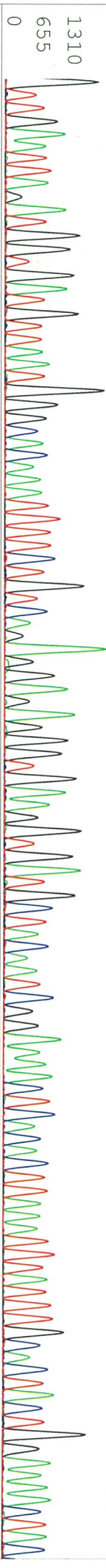
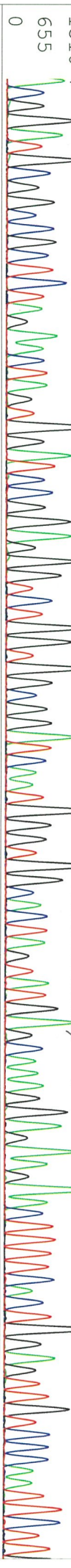
GFP promoter →



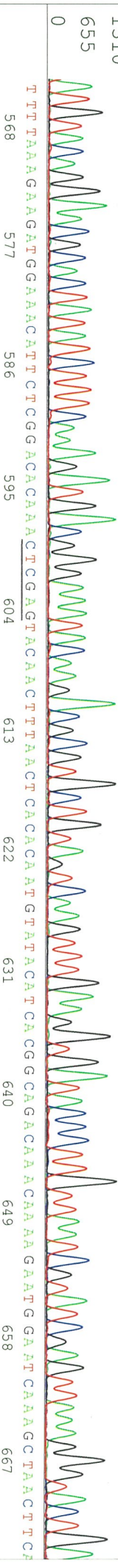
NotI XbaI SpeI BamHI

SpeI

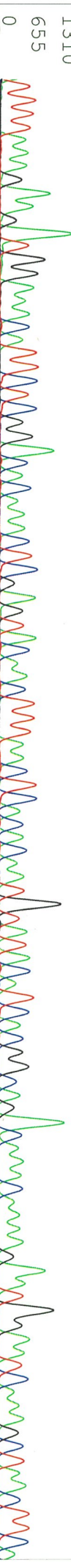
GFP (-10)



MluI



XhoI



S/N G:120 A:100 T:89 C:83

D07393A2_B0J5_1_TDH3pro_F

KB_3500_POP7_BDTV3.mob

Pts 1418 to 13019 PK1 Loc:1395

Version 6.0 HiSeqV Bases: 932

KB.bcp

Oct 13, 2020 03:03PM, JST

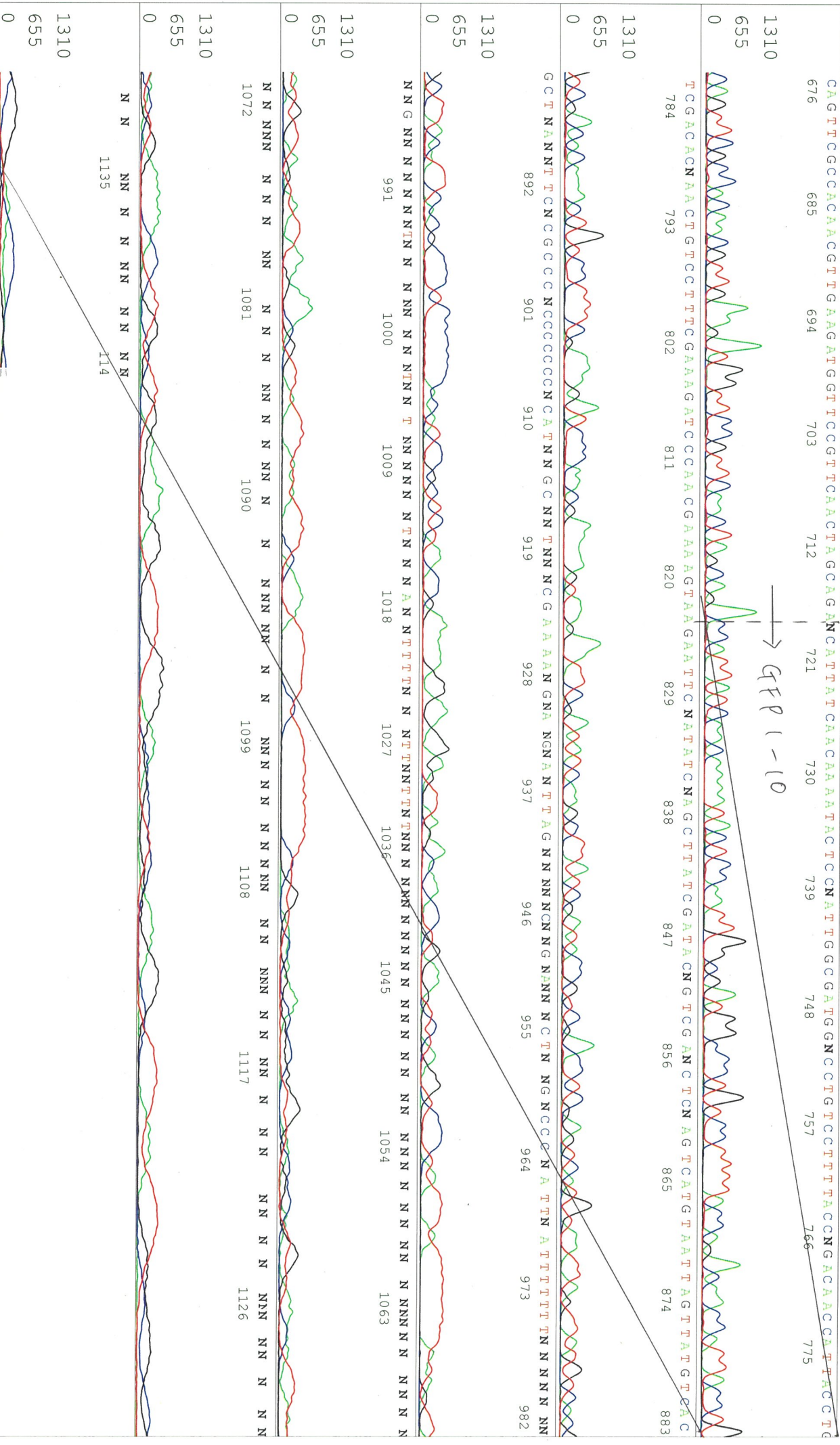
KB 1.4.1.8 Cap:10

Oct 13, 2020 03:31PM, JST

Spacing:11.58 Pts/Panel1350

Plate Name: 20201013 Kitaku

→ GFP (-10)



primer name \varnothing : TRP1_{pro_F}

5'-AGGGCATTGGTGACTATTGAG-3'

D07393A2_B0J5_1_TRP1_{pro_F}
D07393A2_B0J5_1_TRP1_{pro_F}
KB_3500_POP7_BDTV3.mob
Pts 1454 to 12670 Pk1 Loc:1431
Version 6.0 HISQV Bases: 920

D07393A2_B0J5_1_TRP1_{pro_F}_A02_01_ABI08

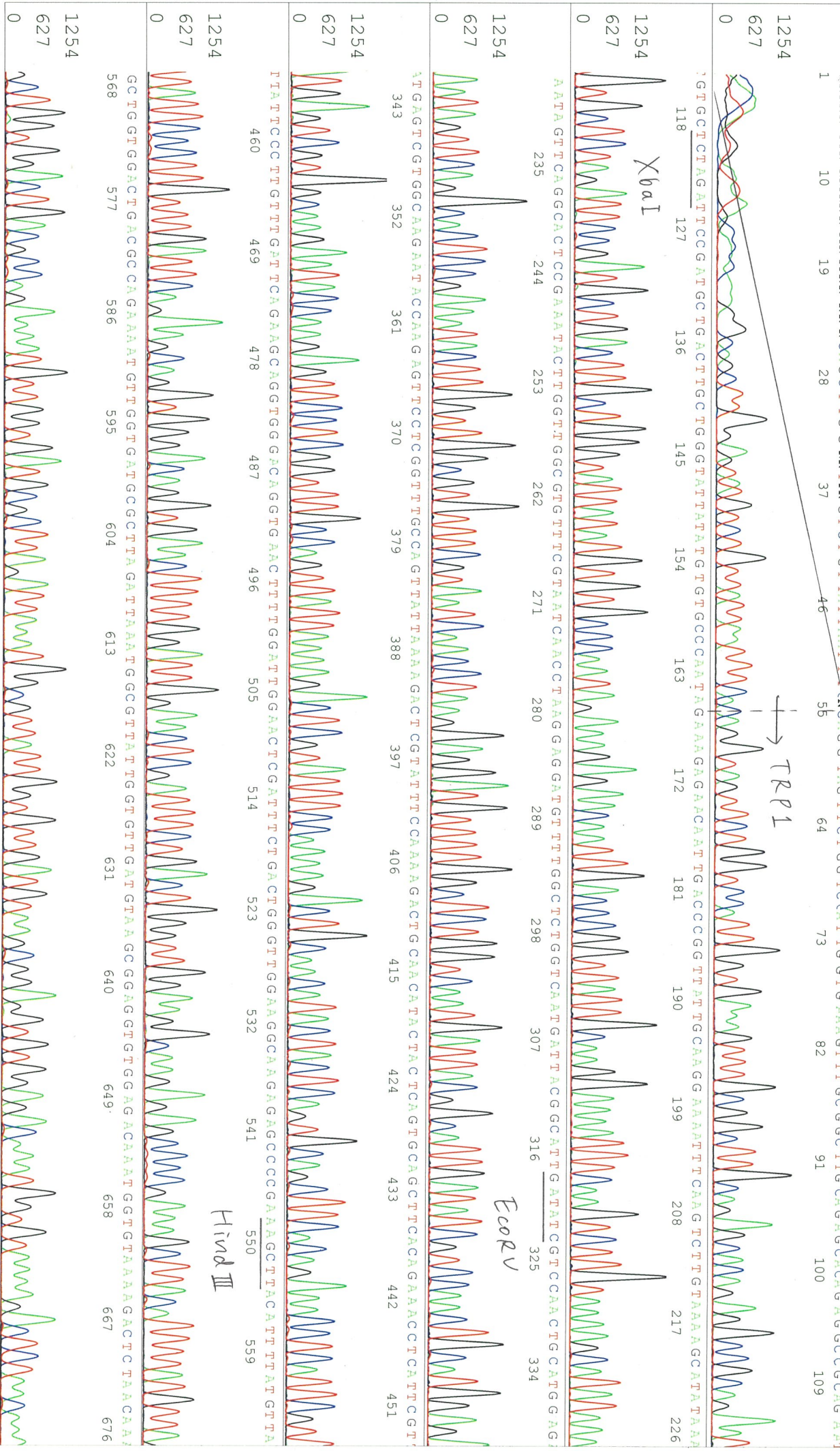
Inst Model/Name 3500/3500 Instrument

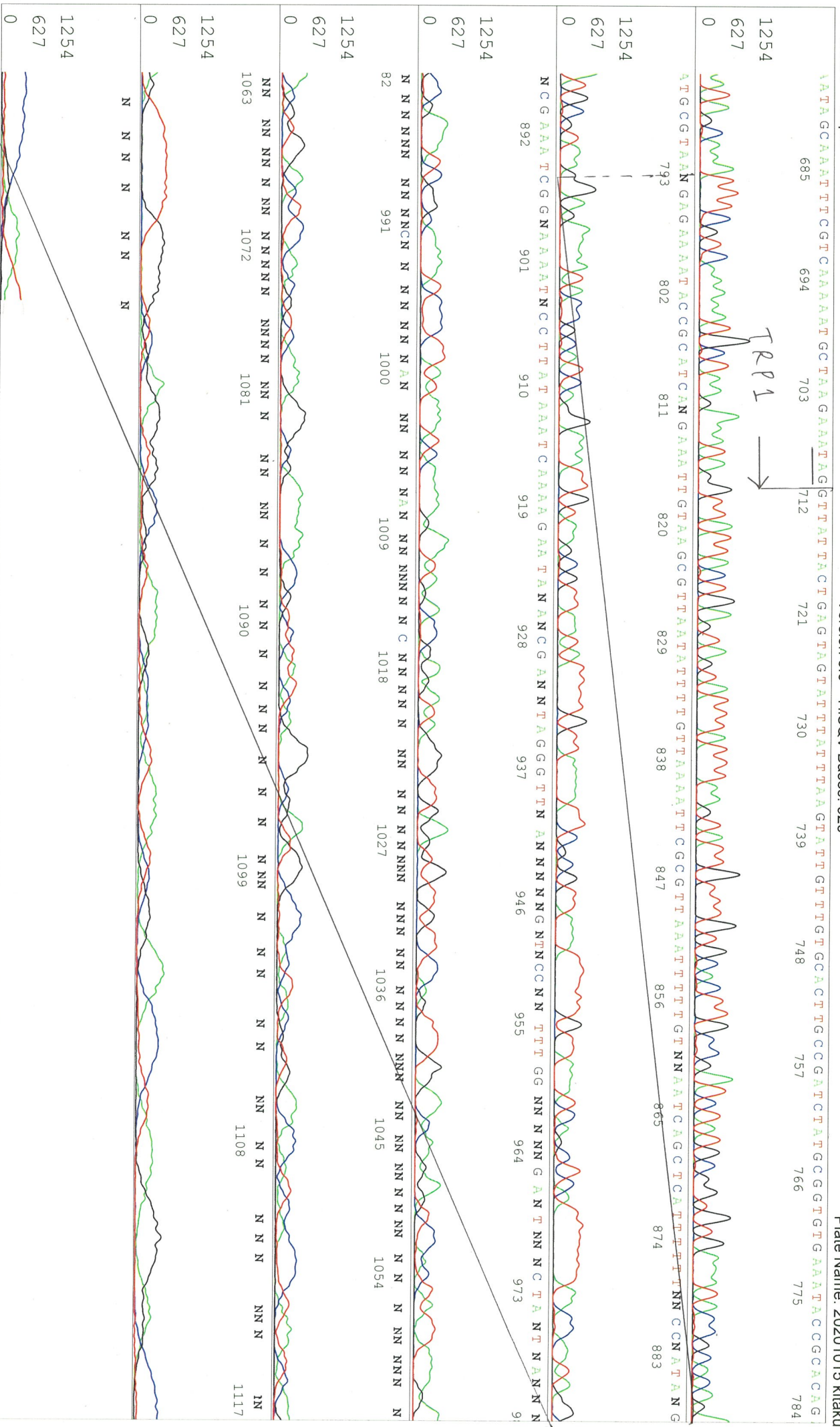
Oct 15, 2020 10:07AM, JST

Oct 15, 2020 10:48AM, JST

Spacing: 1.143 Pts/Panel1350

Plate Name: 20201015 Kitaku





S/N G:182 A:124 T:138 C:114

primer name *E* : CYC1ter_R

KB_bcp KB_3500_POP7_BDTV3.mob

Oct 13, 2020 03:03PM, JST

KB 1.4.1.8 Cap:13

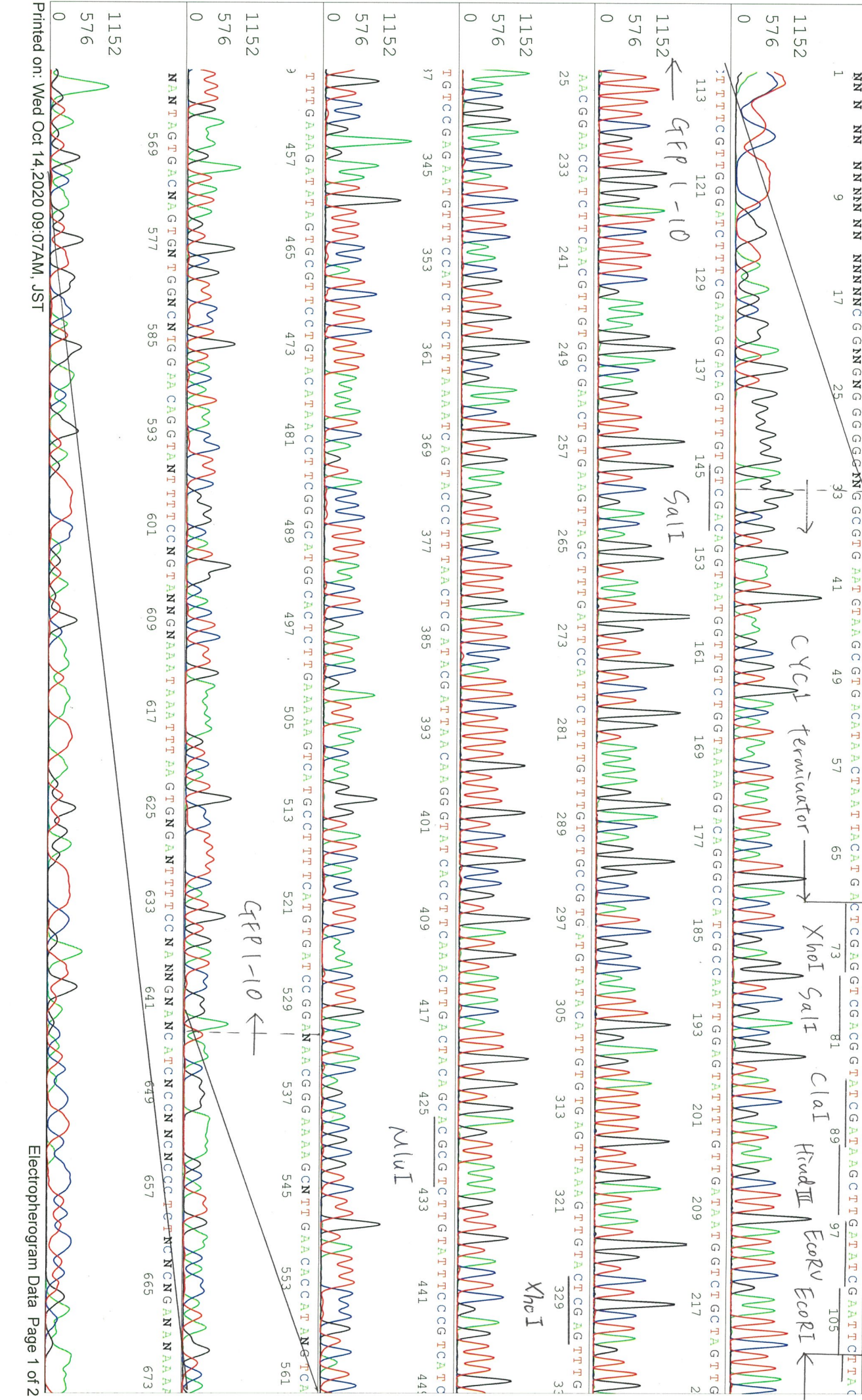
5- AATAGGACCTAGACTTCAAG -3'

Pts 1478 to 14040 Pk1 Loc:1455

Oct 13, 2020 03:31PM, JST

Version 6.0 HISQV Bases: 657

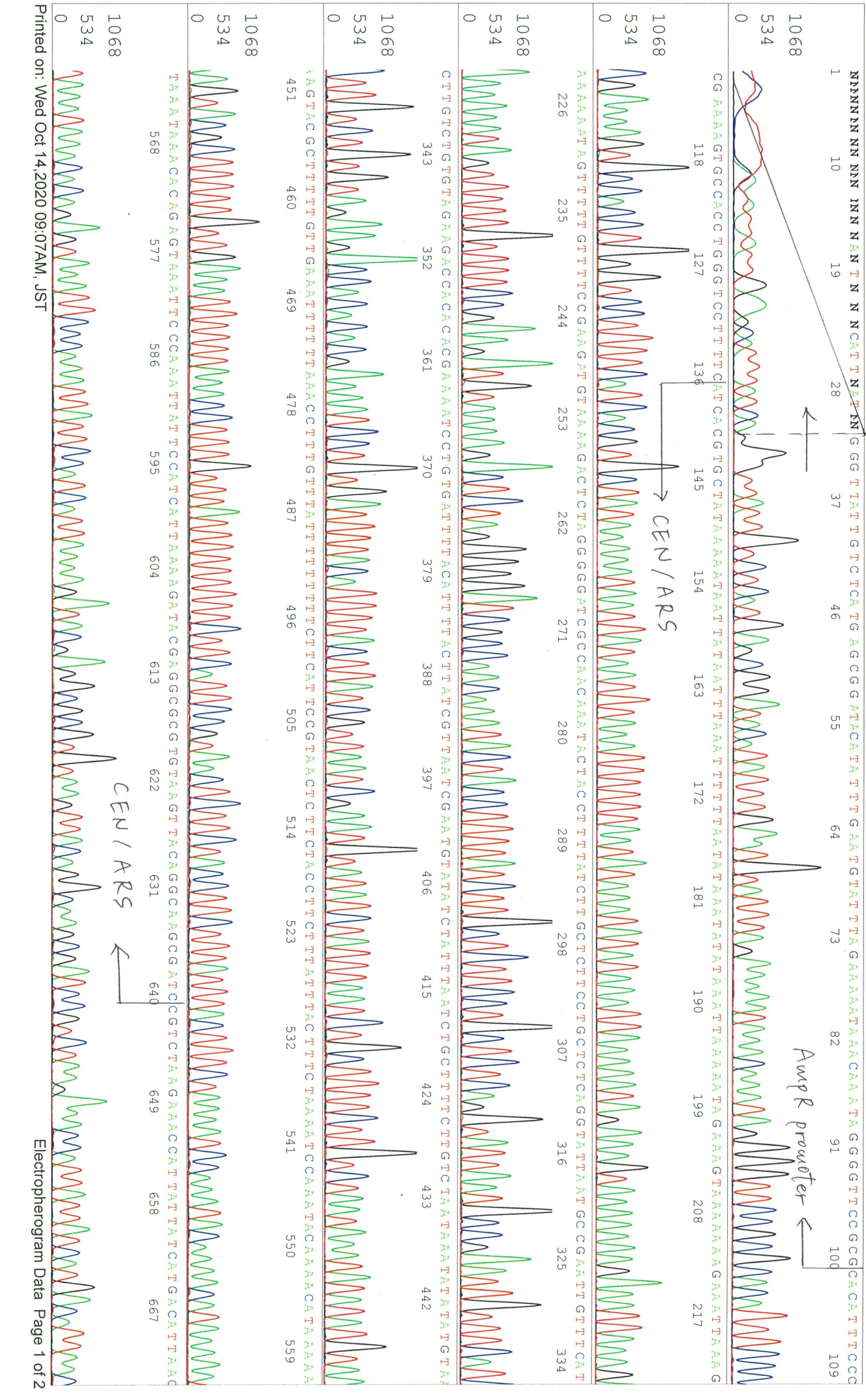
Plate Name: 20201013 kitaku



D07393A2_B0J5_1_Amp_R_F01_16_ABI24
D07393A2_B0J5_1_Amp_R

Inst Model/Name 3500/3500 Instrument
Oct 13, 2020 03:03PM, JST
Oct 13, 2020 03:31PM, JST
Spacing: 11.62 Pts/Panel1350
Plate Name: 20201013 Kitaku

S/N: G:98 A:109 T:105 C:90 primer name **F** : Amp_R
KB: bcp KB_3500_POP7_BDTV3.mob Pts 1412 to 13195 Pk1 Loc: 1389
KB 1.4.1.8 Cap: 16 5'-GCGACACGGAAATGTTGAATA-3' Version 6.0 HiSQV Bases: 981



S/N G:98 A:109 T:105 C:90

D07393A2_B0J5_1_Amp_R

KB_3500_POP7_BDTV3.mob

Pts 1412 to 13195 PK1 Loc:1389

Version 6.0 HiSeqV Bases: 981

Oct 13, 2020 03:03PM, JST

Oct 13, 2020 03:31PM, JST

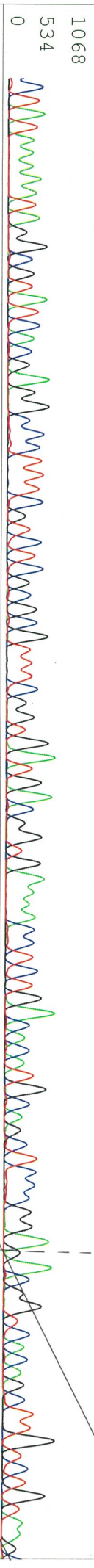
Spacing: 11.62 Pts/Panel/1350

Plate Name: 20201013 Kitaku

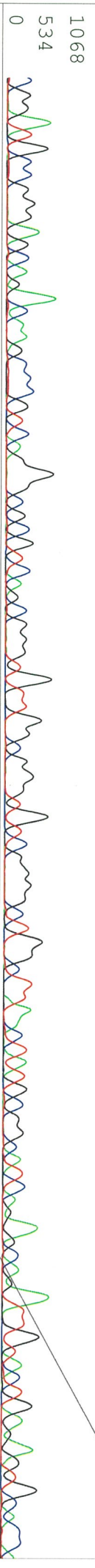
KB.bcp

KB 1.4.1.8 Cap:16

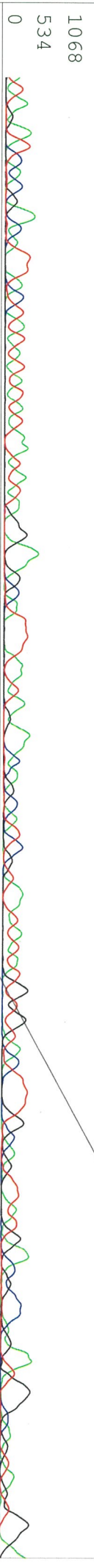
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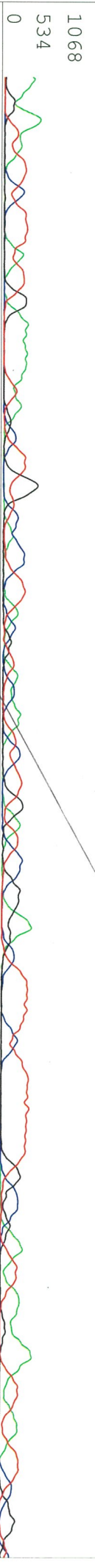
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A T A N N T C A C G A N N T T A C T A T A T A T A T A A T A T A G A A G C A T T N A T A G A A C A G C A T C N N A A T A T A T G T A C T T G C A N N T A T G A N G C C A G A N G G N A G T A N N G N



A A N A N A T T N T N A N N G N A A A A N N A N N N N G N N N N C N N N N N N N N N T T N N N T T T T T N N C N



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