

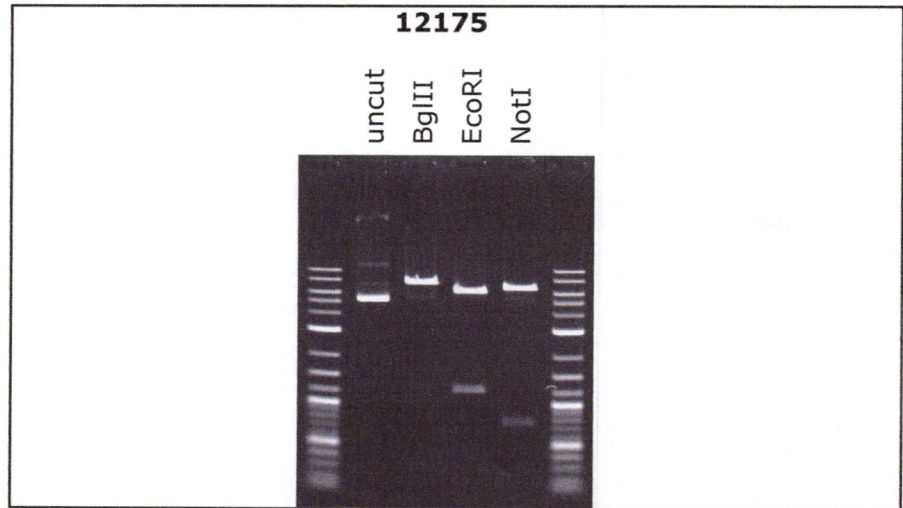
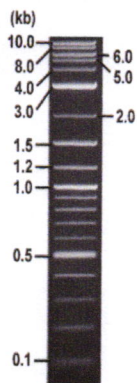


**RIKEN DNA BANK**

clone name : **pMYs-Tead2-EnR-IRES-EGFP**

- Clone ID : RDB\_12175
- Lot : 19900\_B3Ba
- DNA Concentration : 25 nanogram/microliter
- Volume : 40 microliter
- Form : DNA solution in TE buffer
- Host : NEB stable
- 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
<b>BglII</b>	<b>7.4</b> kbp
<b>EcoRI</b>	<b>6.2, 1.2</b> kbp
<b>NotI</b>	<b>6.6, 0.8</b> 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	Pr0352	MMLV-pol_F	pol region,insert 5'(SV40 NLS,Tead2 1-127aa,EnR
Sequence - B	Pr0037	IRES-R	IRES,insert 3'(Myc,EnR 3')
Sequence - C	Pr0036	IRES-F	IRES,EGFP 5'
Sequence - D	Pr0008	Amp_R	AmpR pro,5' LTR,psi
Sequence - E	Pr0230	pMFG_1	pol region,psi
Sequence - F	Pr0574	mVenus-M_F	EGFP 3',3' LTR
Sequence - G	-	-	-
Sequence - H	-	-	-

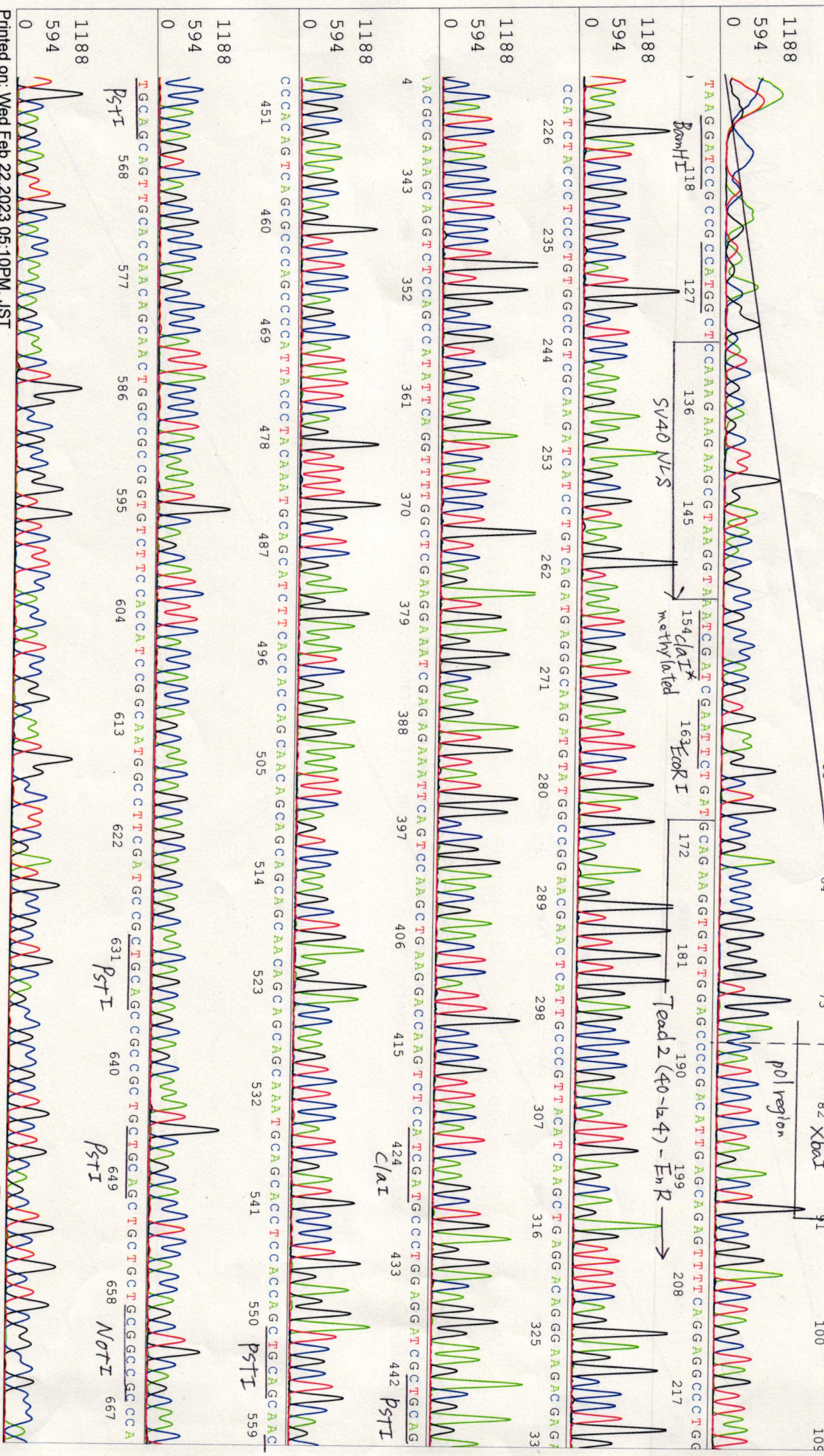
APPROVED BY :





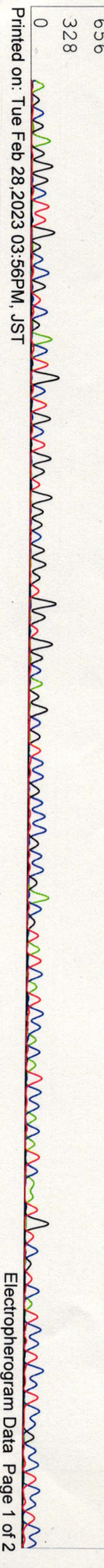
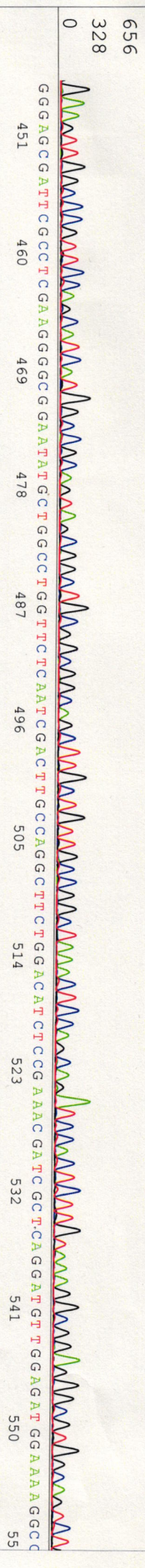
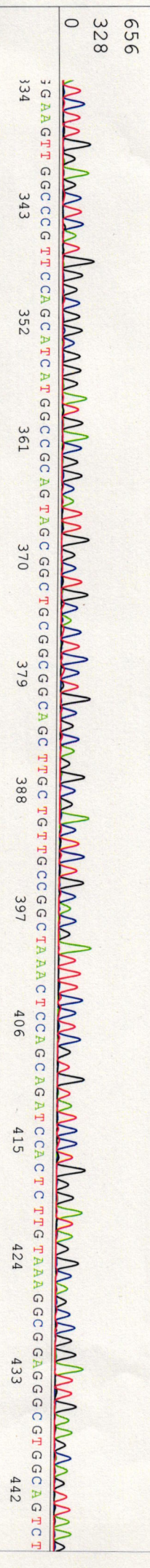
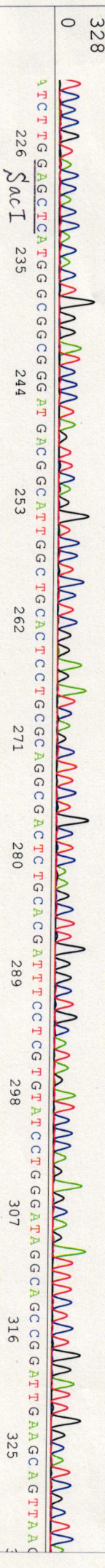
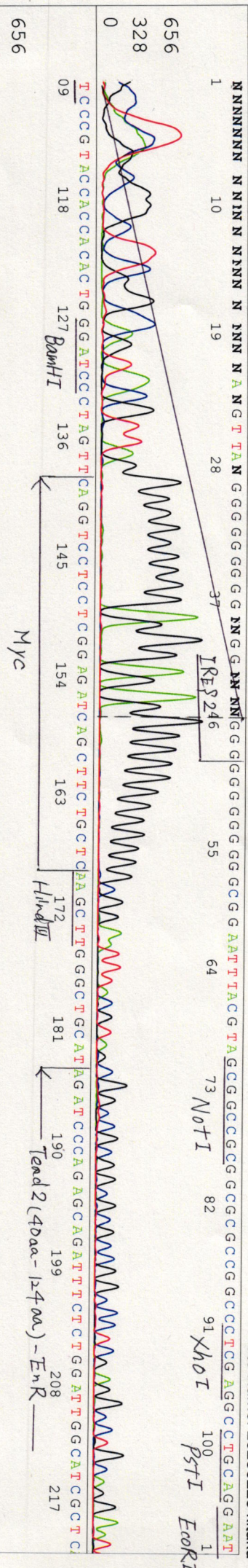
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5'-AGGACCTTACACAGTCTGCTG-3'

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S/N G:28 A:33 T:27 C:37  
KB.bcp  
KB 1.4.1.8 Cap:1  
primer name B : IRES-R  
5'-ACATATAGACCAACCACACC-3'



Printed on: Tue Feb 28, 2023 03:56PM, JST



12175\_19900\_B3Ba\_3\_IRES-R\_A01\_01\_ABI08

12175\_19900\_B3Ba\_3\_IRES-R

KB\_3500\_POP7\_BDTV3.mob

Pts 1395 to 13373 Pk1 Loc:1372

Version 6.0 HISQV Bases: 919

Inst Model/Name 3500/3500 Instrument

Feb 28, 2023 01:48PM, JST

Feb 28, 2023 02:18PM, JST

Spacing: 11.88 Pts/Panel1350

Plate Name: 20230228 kitaku

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

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

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

NN N

NN N



S/N G:42 A:49 T:28 C:49

primer name C : IRES-F

12175\_19900\_B3Ba\_3\_IRES-F  
KB\_3500\_POP7\_BDTV3.mob  
Pfs 1469 to 13382 Pk1 Loc:1446

Feb 24, 2023 10:07AM, JST  
Feb 24, 2023 10:38AM, JST  
Spacing:12.05 Pfs/Panel1350

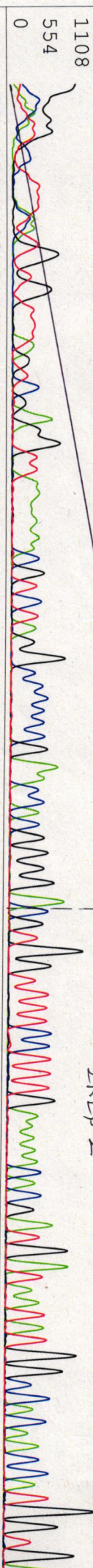
KB.bcp  
KB 1.4.1.8 Cap:2

5-TTGTATGGGATCTGATCTGG-3'

Version 6.0 HISQV Bases: 931

Plate Name: 20230224 kitaku

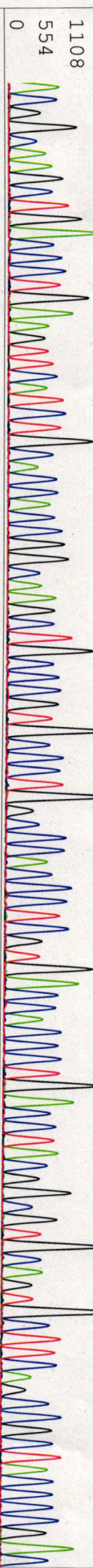
1 10 19 28 37 46 55 64 73 82 91 100 109 *Nov 1*



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118 127 136 145 154 163 172 181 190 199 208 217 2



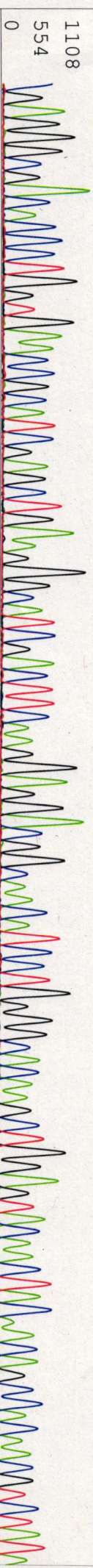
ACGGCAAGCTGACCCCTGAAGTTTCATCTGCACCCAGCAAGCTGCCCGTGGCCCTCTCGTGACCACTGACCTTACCGGCTGCAAGTGTCTCAAGCCCGCTACCCCGAC  
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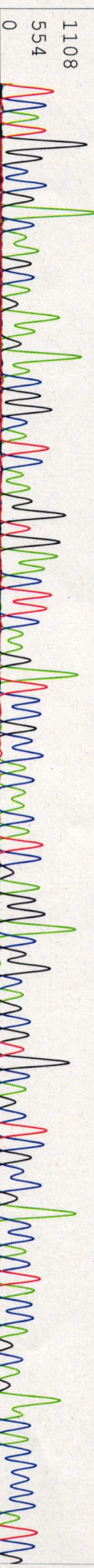
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343 352 361 370 379 388 397 406 415 424 433 442 451



CGAAGGCGACCACTTGGTGAACCCGATCGAGCTGAAGGGCATCGACTTCAAGGAGGACGCGCAACATCTGGGCAACAAGCTGGAATAACAATCAACAAGCAAGCAACCTCTATT  
460 469 478 487 496 505 514 523 532 541 550 559



TCATGGCCGACCAAGCAAGAAGACGGCATCAAGGTGAACCTCAAGATCCGCCACAACATCGAGGACGGTCAAGCTCGCCAGCACTAACAGCAAGCAACCCCACTC  
568 577 586 595 604 613 622 631 640 649 658 667





S/N G:42 A:49 T:28 C:49

12175\_19900\_B3Ba\_3\_IRES-F

KB\_3500\_POP7\_BDTV3.mob

Pts 1469 to 13382 Pk1 Loc:1446

Feb 24, 2023 10:07AM, JST

Feb 24, 2023 10:38AM, JST

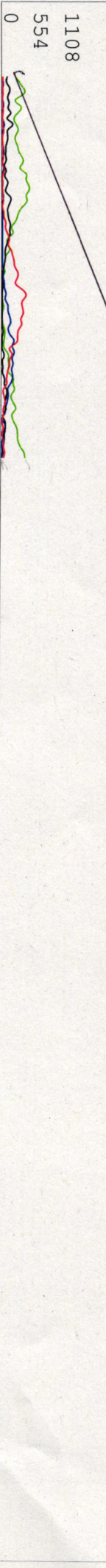
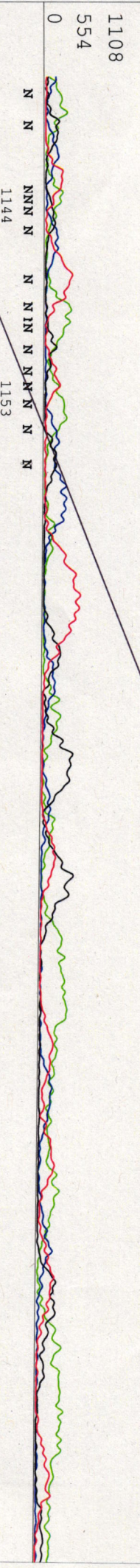
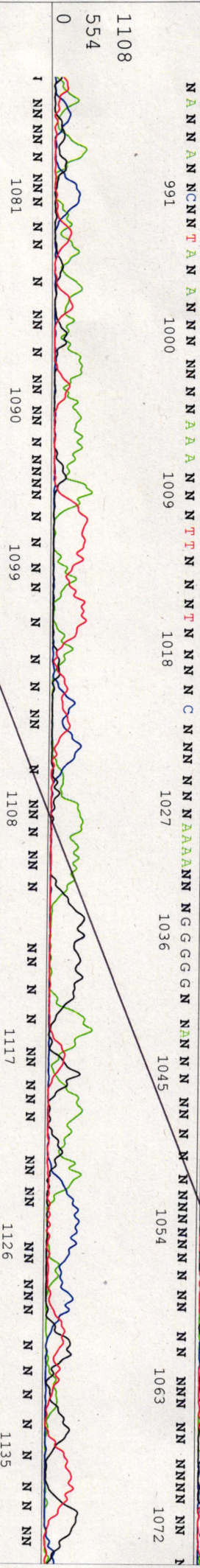
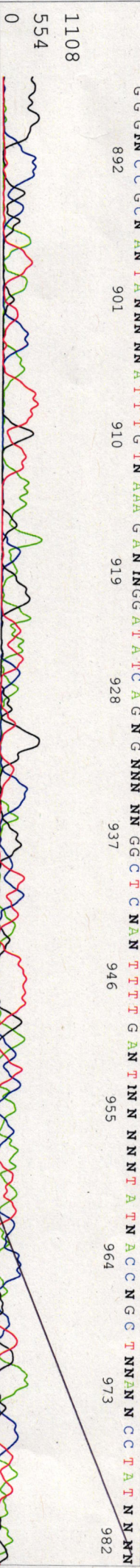
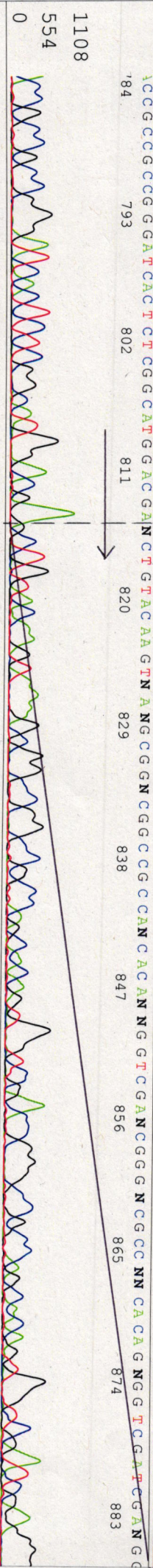
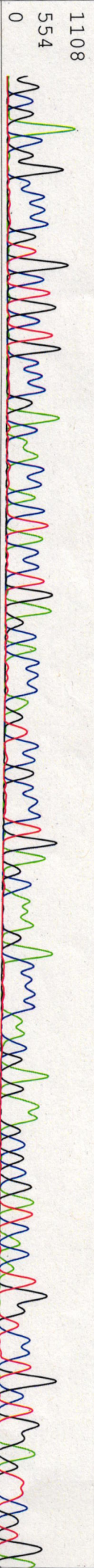
Spacing:12.05 Pts/Panel1350

Plate Name: 20230224 Kitaku

KB 1.4.1.8 Cap:2

Version 6.0 HISQV Bases: 931

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576 685 694 703 712 721 730 739 748 757 766 775





primer name F: Amp\_R

5'-GCCGACACGGAAATGTTGAATA-3'

12175\_19900\_B3Ba\_3\_Amp\_R\_C01\_03\_ABI08

12175\_19900\_B3Ba\_3\_Amp\_R

KB\_3500\_POP7\_BDTV3.mob

Pts 1446 to 13389 Pk1 Loc: 1423

Version 6.0 HISQV Bases: 917

Inst Model/Name 3500/3500 Instrument

Feb 24, 2023 10:07AM, JST

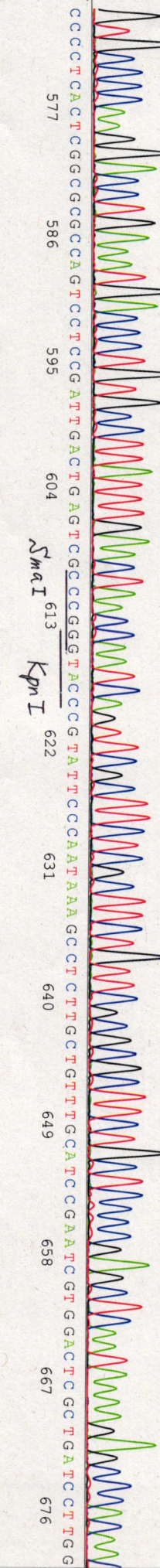
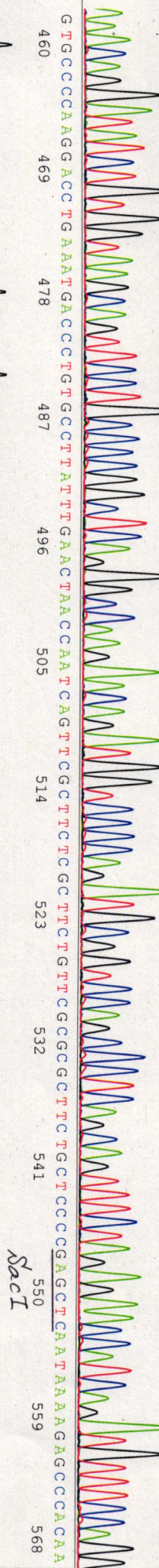
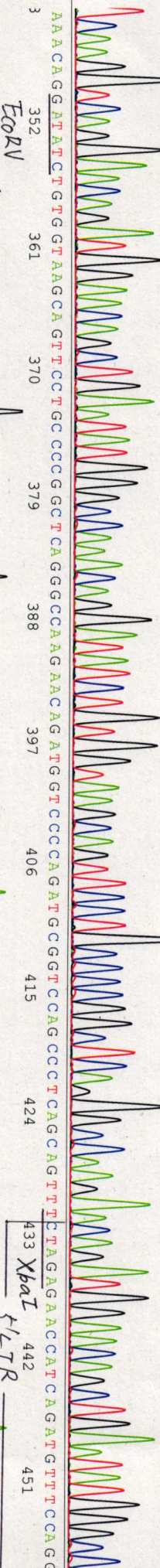
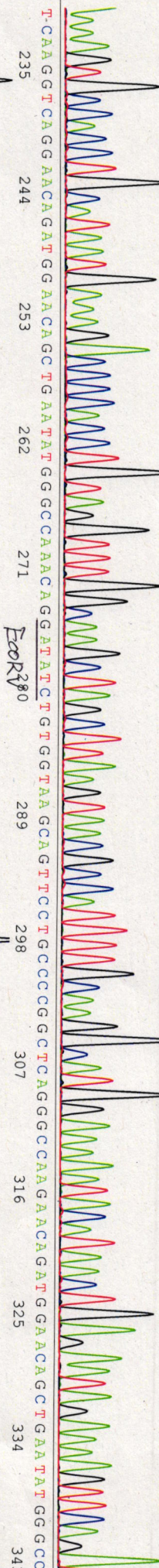
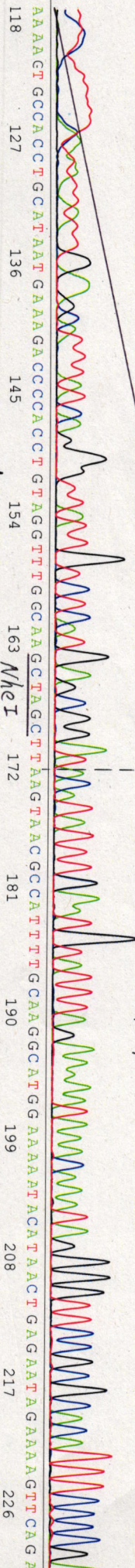
Feb 24, 2023 10:38AM, JST

Spacing: 12.1 Pts/Panel/350

Plate Name: 20230224 Kitaku

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

Amp R promoter





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

psi +

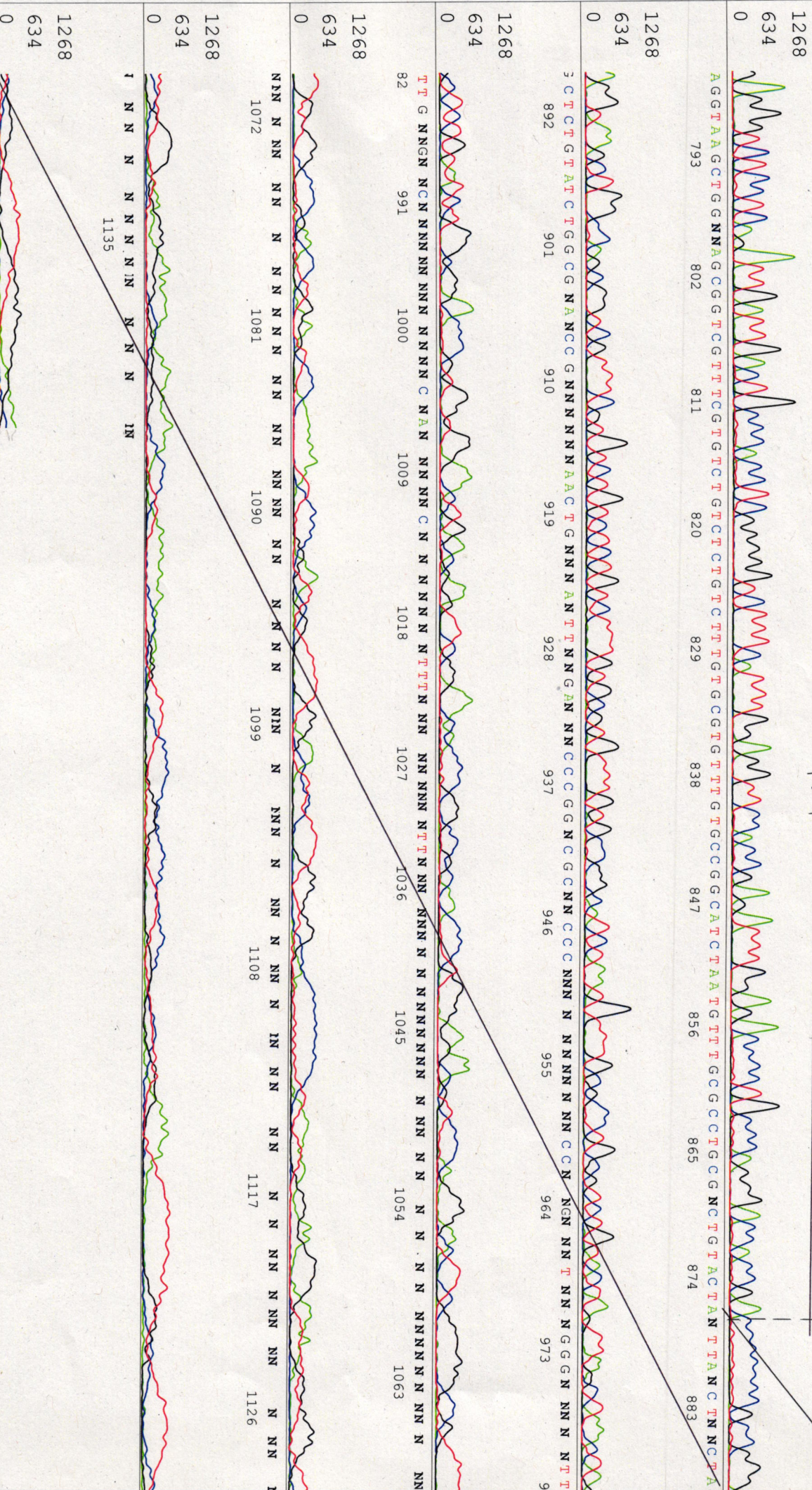
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793 802 811 820 829 838 847 856 865 874 883

3CTCTGATCTGGCGNANCCGNNNNNAACCTGNNNANTTNNGANNNCCCGGNCNNCCNNNNGNNTNNNGGNNTNT  
892 901 910 919 928 937 946 955 964 973 9

TGNNGNCCNN  
82 991 1000 1009 1018 1027 1036 1045 1054 1063

NN  
1072 1081 1090 1099 1108 1117 1126

NN  
1135

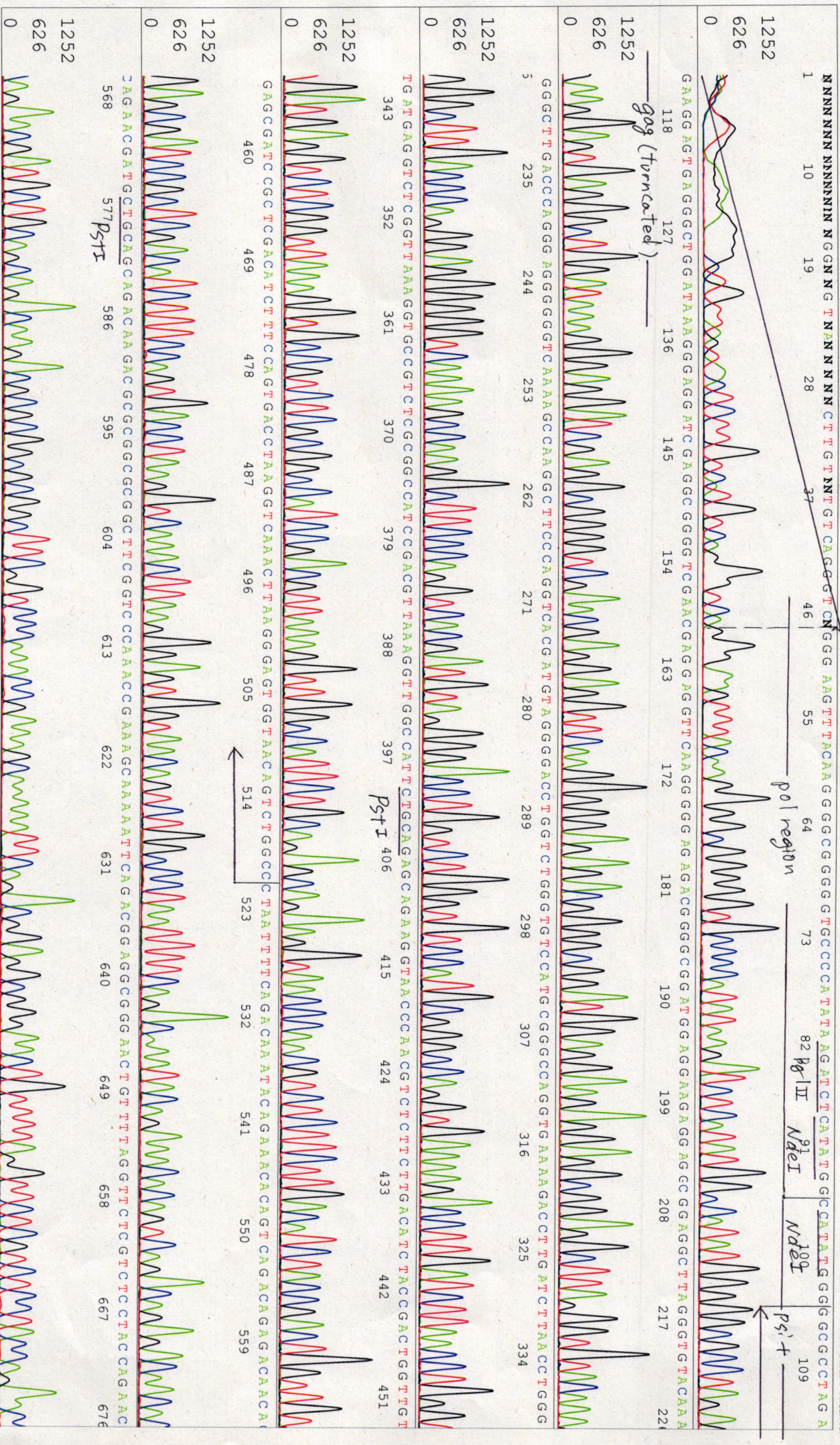




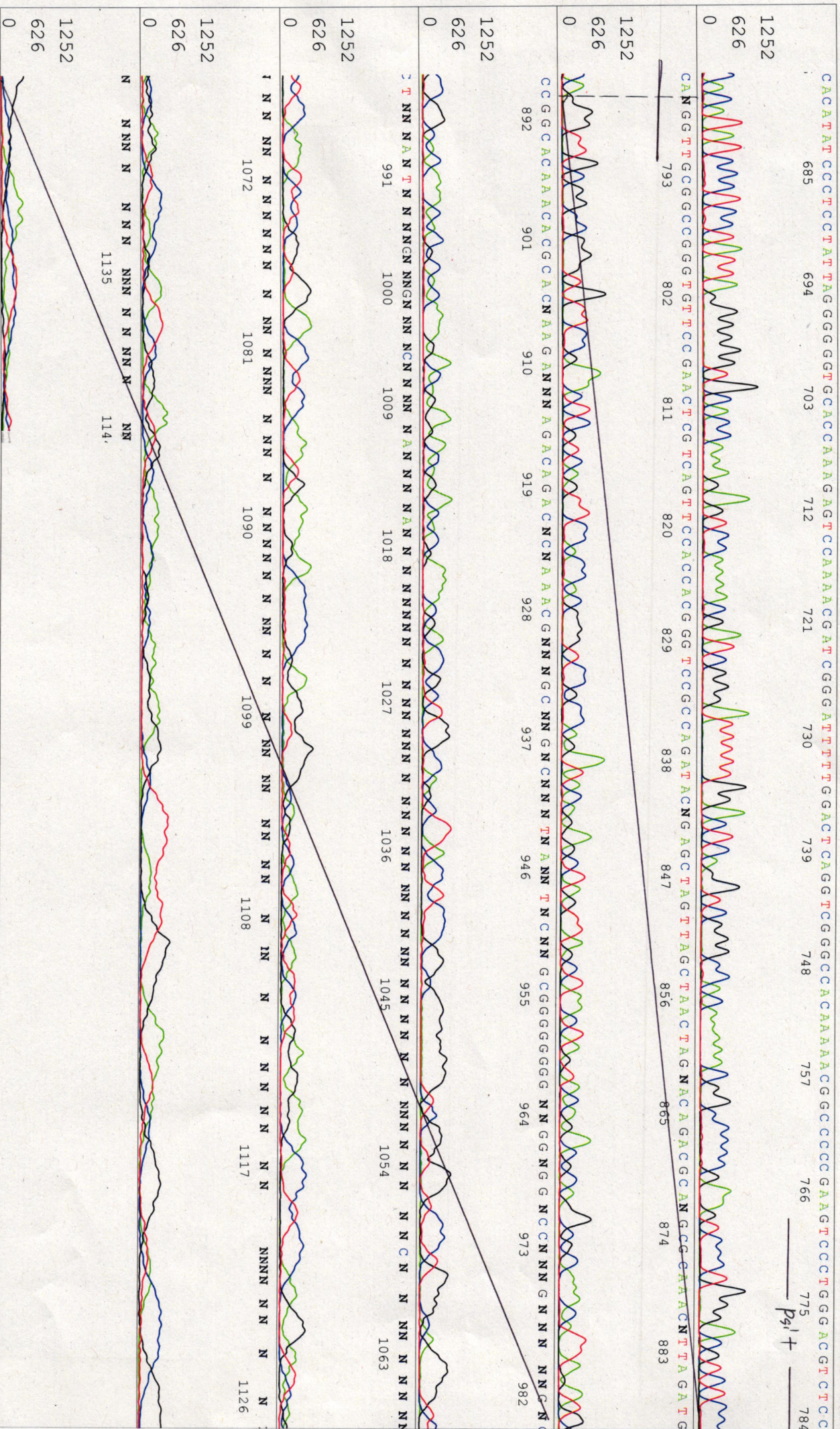
primer name **F** : pMFG\_1  
5'-TGCTGGACTAAGTAGAGAG-3'

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12175\_19900\_B3Ba\_3\_pMFG\_1  
KB\_3500\_POP7\_BDIV3.mob  
Pfs 1450 to 13390 PK1 Loc:1427  
Version 6.0 HISQV Bases: 932

Inst Model/Name 3500/3500 Instrument  
Feb 24, 2023 10:07AM, JST  
Feb 24, 2023 10:38AM, JST  
Spacing: 11.99 Pfs/Panel1350  
Plate Name: 20230224 Kitaku









S/N G:37 A:46 T:27 C:37

KB.bcp

KB 1.4.1.8 Cap:4

primer name F : mVenus-M\_F

5'-ACTACACAGCCACACAGTC-3'

KB\_3500\_POP7\_BDTV3.mob

Pts 1425 to 13254 PK1 Loc:1402

Version 6.0 HISQV Bases: 931

NNNNNNNNNNNN NNNIN NNNIN CANN GGT G NNNTTCAA GANNCCGCCNCAACA TCGAGGANNGGCAGCGTGCA GCTCGCCGACCACCTACCA GCA GAA CACC CCGGACGGC

EgFP



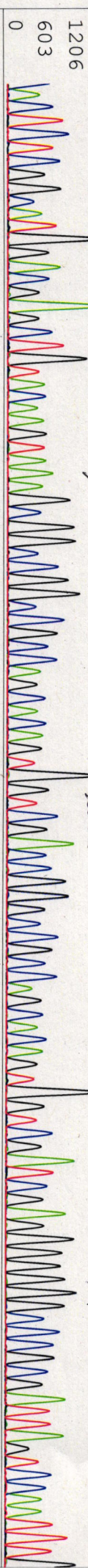
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1206  
603  
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SacI

ApaI

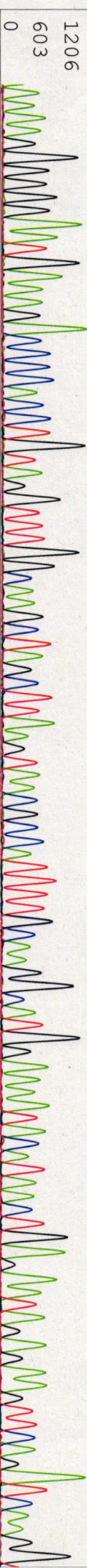


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EcoRV<sub>β61</sub>

3'LTR

MaeI<sub>I505</sub>



AAAAAGGGGGGAAATGA AAGACGACCCCA CCGTGTAGGTTTGGCAA GGCTAGCTTAAGTAA CGCCCATTTTGC AAGGCATG AAAAATACA TAACCTGAGAATAGAGAAGTTCAGATCAAAG

EcoRV<sub>β13</sub>

