

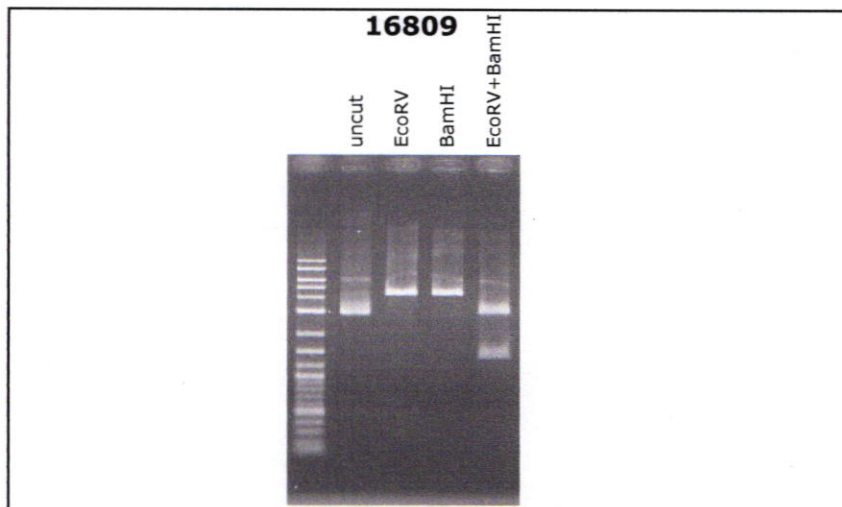
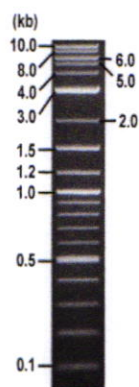


RIKEN DNA BANK

clone name : **pMK348 (BSD-P2A-mAID-mClover)**

- Clone ID : RDB_16809
- Lot : 16809_A8Lp
- 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
EcoRV	4.4 kbp
BamHI	4.4 kbp
EcoRV+BamHI	2.9, 1.4 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	Pr0310	pUC-M13_-100	T7 pro,insert 5'(BSD,P2A,mAID)
Sequence - B	Pr0099	reverse	insert 3'(mClover 3')
Sequence - C	Pr0880	bsd_f1	insert mid(P2A,mAID,mClover 5')
Sequence - D	Pr1087	M13ori_R1	f1 ori,AmpR pro,AmpR
Sequence - E	-	-	-
Sequence - F	-	-	-
Sequence - G	-	-	-
Sequence - H	-	-	-

APPROVED BY :



S/N G:258 A:322 T:244 C:284

16809_16809_B3C2F_pUC-M13_-100

Mar 06, 2023 09:56AM, JST

KB.bcp

KB_3500_POP7_BDTV3.mob

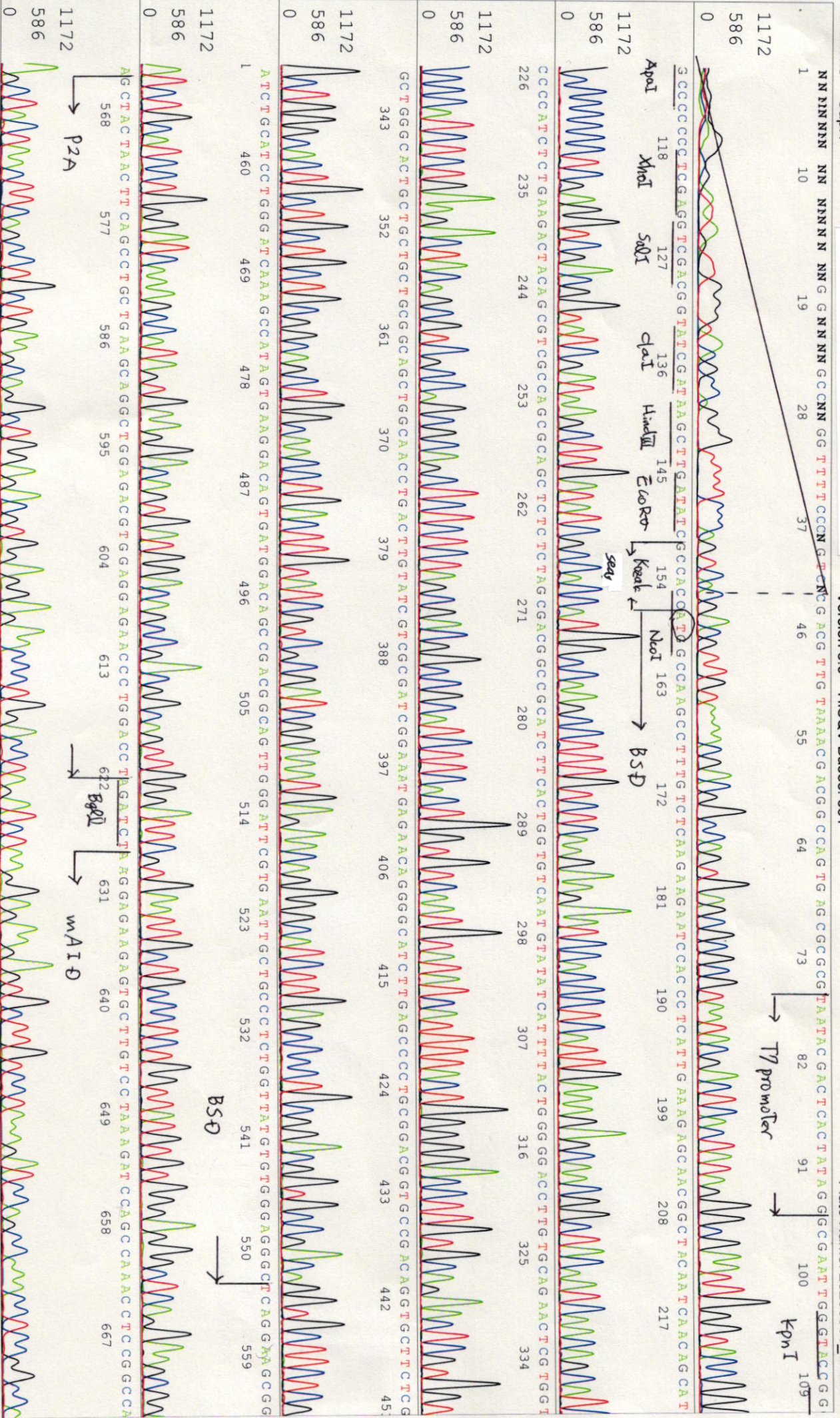
Mar 06, 2023 10:27AM, JST

KB 1.4.1.8 Cap:1

primer name A : pUC-M13_-100
5'-ATTACGCCAGCTGGCGAAAGG-3'

Pls 1473 to 13251 PK1 Loc:1450
Version 6.0 HiSQV Bases: 881

Spacing:1.1.97 Pls/Panel1350
Plate Name: 20230306_dhbank



S/N G:258 A:322 T:244 C:284

16809_16809_B3C2F_pUC-M13_-100

Mar 06, 2023 09:56AM, JST

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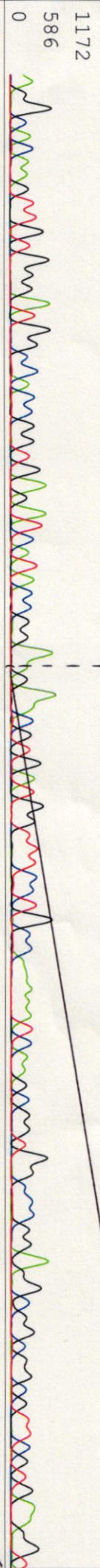
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KB 1.4.1.8 Cap:1

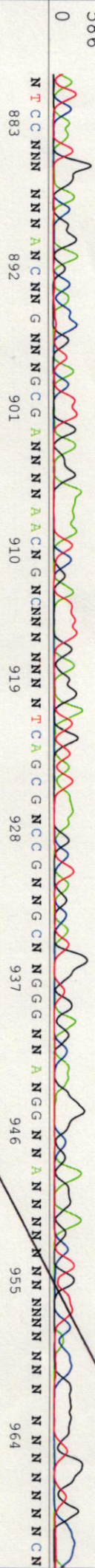
Pts 1473 to 13251 Pk1 Loc:1450

Spacing: 11.97 Pts/Panel1350

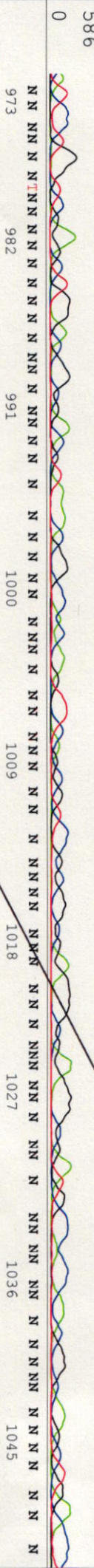
AGGCACCAAGTTGTGGGATGGCCACCGGTGAGATCATACCCGANNAACTGCAAGCCGGTGCCCGGGNCGCGCGCGTTCGTGATG
676 685 694 703 712 721 730 739 748 757 766 775



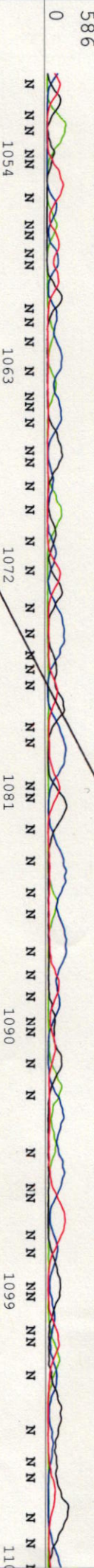
ATCAATGGACGGANCACTTGTGANGAAATCGATTGAGGANGTATAAGCTAGCATGGNAGCANNGGCCGANGANTGTTCAACCGGGNGGTGCCN
784 793 802 811 820 829 838 847 856 865 874



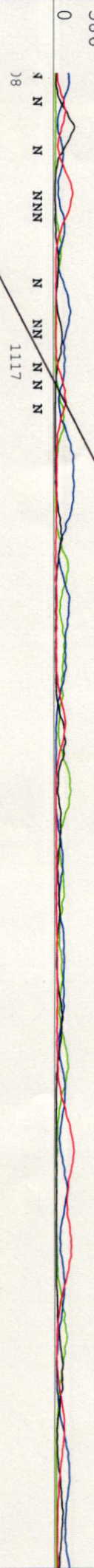
NTCCNNNNNNANCCNNGNNNGCGANNNNAAACNGNCCNNTCAAGCGNCCGNNGCNNGGNNANGNANNNNNNNNNNNNNNNNNNNNN
883 892 901 910 919 928 937 946 955 964



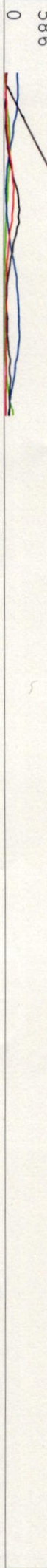
NNNNNNNTNN
973 982 991 1000 1009 1018 1027 1036 1045



NN
1054 1063 1072 1081 1090 1099



NN
1117 1117



NN
586 586

S/N G:200 A:93 T:113 C:149

D06157A5_A8LP_2_reverse

Feb 21, 2019 02:00PM, JST

KB.bcp

primer name B : reverse

KB_3500_POP7_BDTV3.mob

Feb 21, 2019 02:27PM, JST

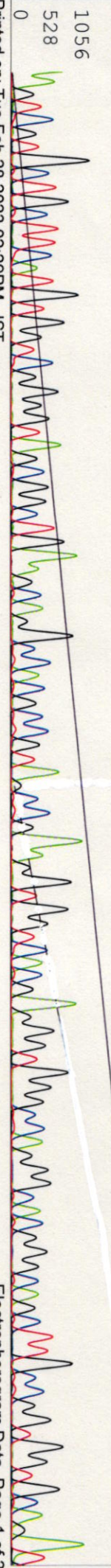
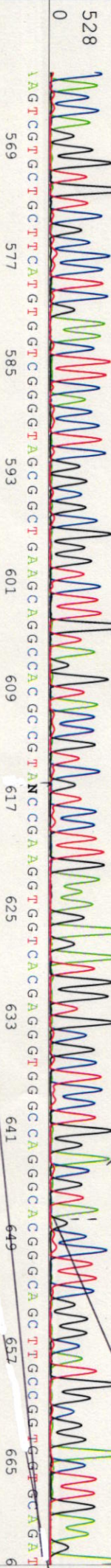
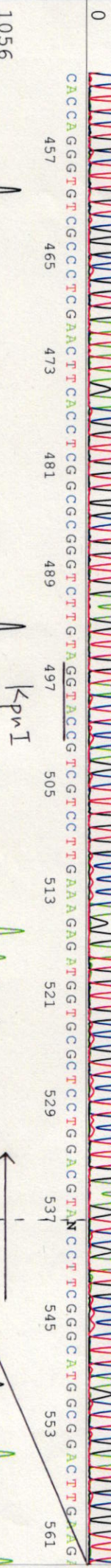
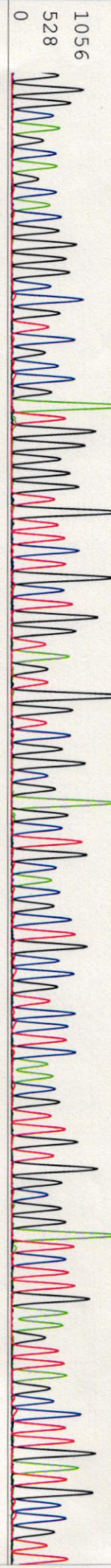
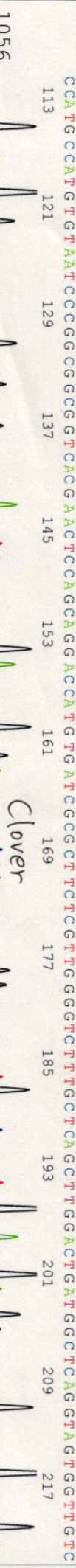
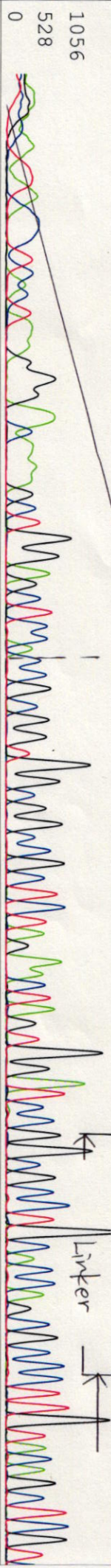
KB 1.4.1.8 Cap.4

5'-GGAACACAGCTATGACCATG-3'

Pis 1571 to 13203 PK1 Loc: 1548

Spacing: 11.6 Pis/Panel1350

1 NNNNNNNNNN NNNNNN N C N N N N N N N G N N N N A A G C T G G A N C T C C C C G G G T G G C C C C G C T C T A G A A C T A G T G G A T C C G G C C T G G C A C C A G C G C C C T T G T A C A G C T C G T



S/N G216 A:281 T:178 C:246

primer name C : BSD_F1

16809_16809_B3C2F_bsd_f1

Mar 06,2023 09:56AM, JST

KB bcp

5' GCCATAGTGAAGGACAGTGTATG3'

KB_3500_POP7_BDTV3.mob

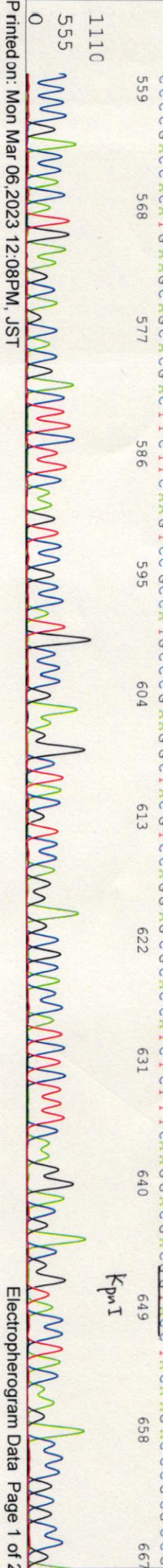
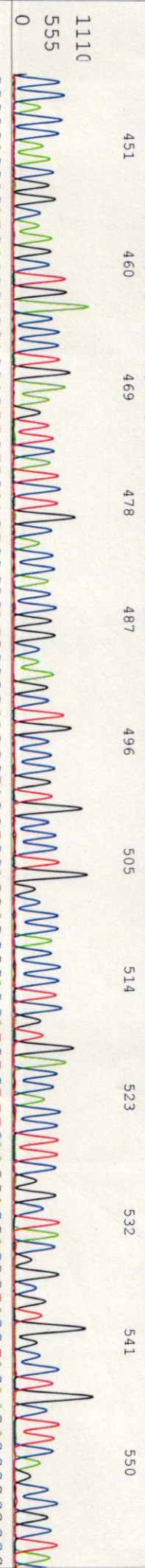
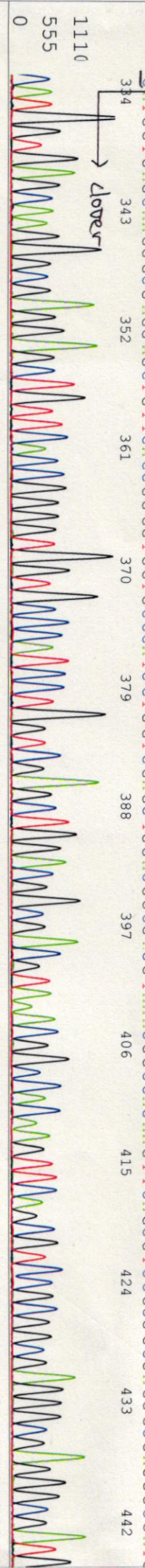
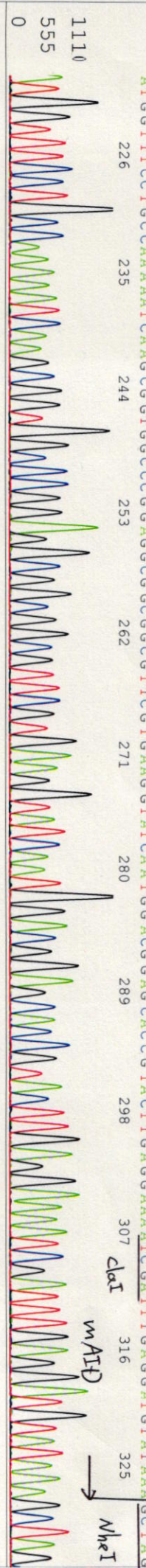
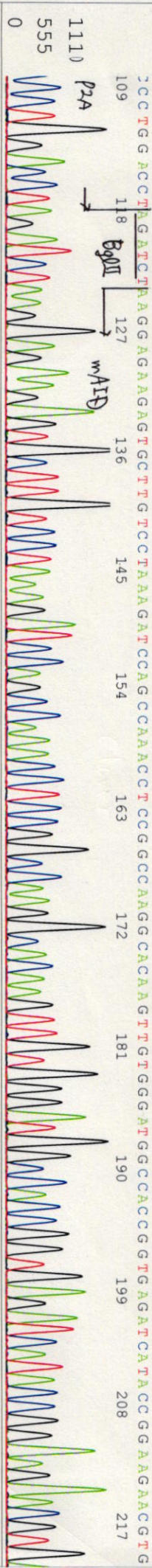
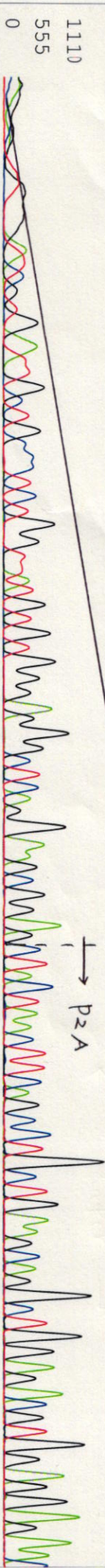
Mar 06,2023 10:27AM, JST

KB 1.4.1.8 Cap:2

Pts 1501 to 13254 Pk1 Loc:1478

Mar 06,2023 10:27AM, JST

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S/N G:216 A:281 T:178 C:246

16809_16809_B3C2F_bsd_f1
KB_3500_POP7_BDTV3.mob

Mar 06, 2023 09:56AM, JST
Mar 06, 2023 10:27AM, JST

KB.bcp

Pts 1501 to 13254 Pk1 Loc:1478

Spacing: 11.88 Pts/Panel1350

KB 1.4.1.8 Cap:2

Version 6.0 HISQV Bases: 886

Plate Name: 20230306_dnabank

