

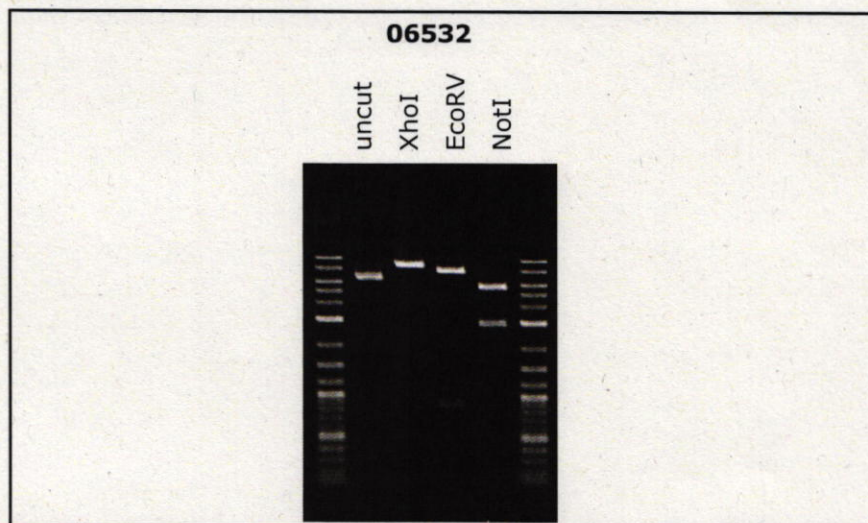
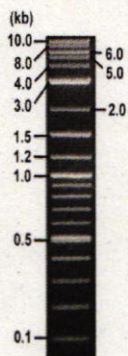


**RIKEN DNA BANK**

clone name : pDUAL-HFF31

- Clone ID : RDB \_ 06532
- Lot : 19712 \_ B2J7
- 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

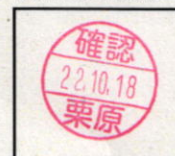
Restriction enzyme	Expected size of fragment
<b>XhoI</b>	<b>8.6</b> kbp
<b>EcoRV</b>	<b>7.8, 0.9</b> kbp
<b>NotI</b>	<b>5.7, 2.9</b> kbp
	_____ kbp

● 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	Pr0048	ADHrev	ADH1 ter,FLAGx2,6xHis,cam1 pro
Sequence - B	Pr0370	LEU1pro_F	leu pro,Leu1-5'ORF,ura4 ter
Sequence - C	Pr0371	URA4pro_F	ura4 pro,ura4 ORF
Sequence - D	Pr0544	pBAC_lac_F	leu1-3',ars 1
Sequence - E	-	-	-
Sequence - F	-	-	-
Sequence - G	-	-	-
Sequence - H	-	-	-

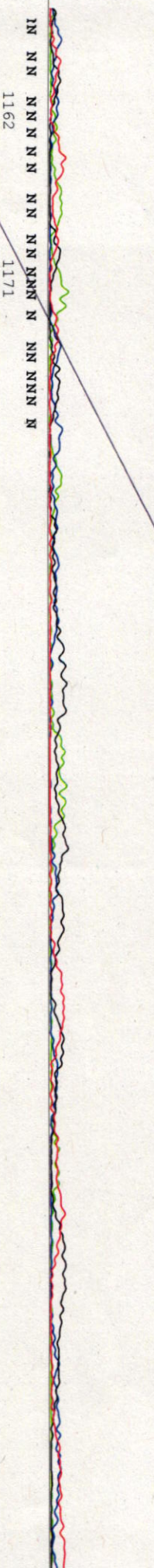
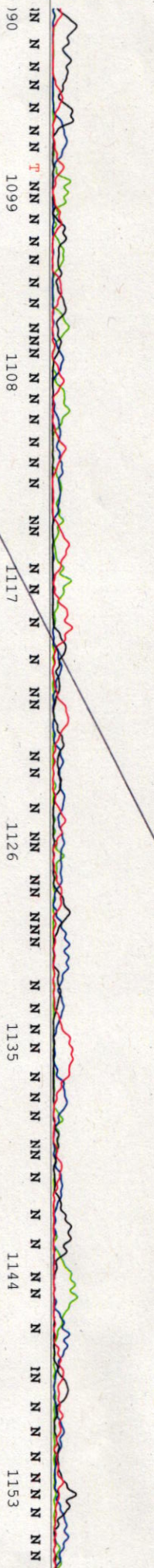
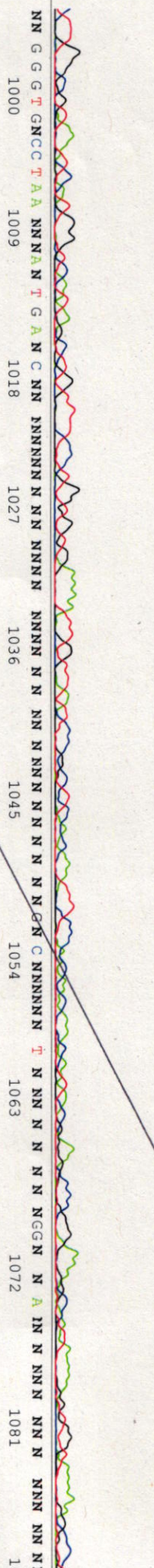
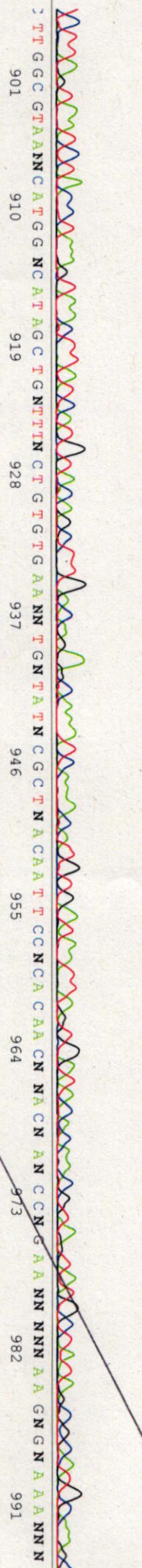
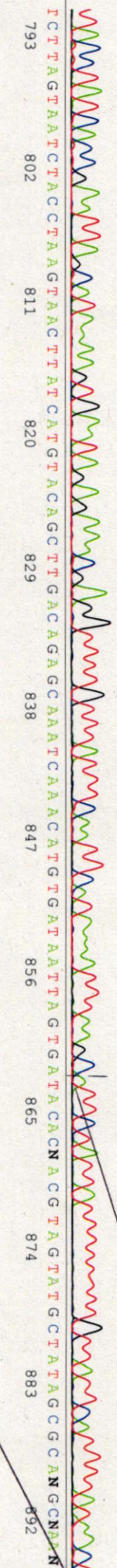
APPROVED BY :





TTACCTATCCCGAATTAGCATAAAGTAGA GAAACGAGGTTTGGTTTATTTCAATTTCATAAAATTTAAAGC|NTTCATTTATTTTTTATTTTTCATTTTATTAAC

*can1 promoter* →



S/N G:39 A:33 T:31 C:27

primer name  $\beta$  : LEU1pro\_F

06532\_19712\_B2J7\_3\_LEU1pro\_F

Oct 13, 2022 10:22AM, JST

KB.bcp

5'ACGCAATATTATCGATATCCCG'

KB\_3500\_POP7\_BDTv3.mob

Oct 13, 2022 10:51AM, JST

KB 1.4.1.8 Cap.2

Pts 1392 to 13713 Pk1 Loc:1369

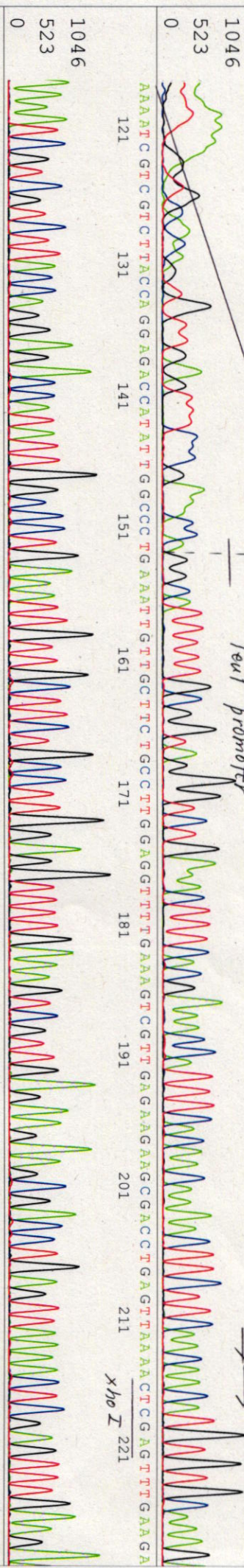
Spacing:12.42 Pts/Panel1350

1 11 21 31 41 51 61 71 81 91 101 111  
NNNNNNNN NNNNNNNN NN TTGACTTCCC GAAACNNGGCATTTTTGGGGTAGGGCTGAAACTTTCAAGAAACCAATTCACCAACAACAATTCTTCAACCAATGTCGCAAA

leu1 promoter

leu1-5'ORF

xho I 221

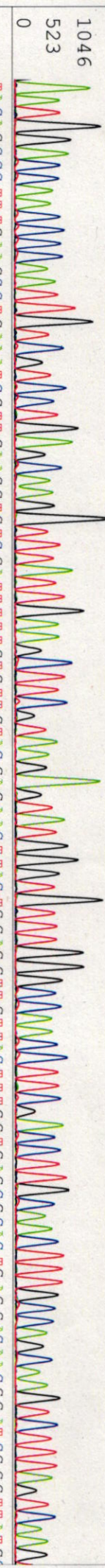


121 131 141 151 161 171 181 191 201 211 221  
AAAATCGTCTTACCA GGAAGCATTATGGCCCGAATTTGTTGCTTCGGCTTGGAGGTTTGAAGTCTTGAAGAAAGCGACTGAATTAAACTCGAGTTGAA

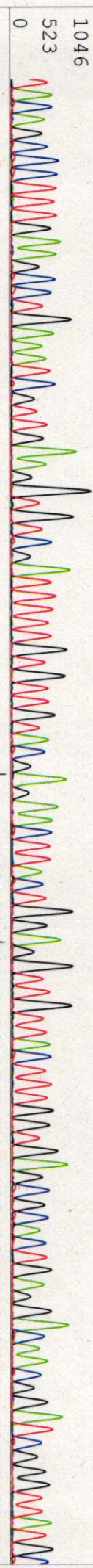


231 241 251 261 271 281 291 301 311 321 331 341  
ACACAA GATT GGAAGTCCCTATTGATGCCCTATGAAACCCCTTTGACTGACGAGACTGTGAAAGCTTGTGAAAGCTGACGGTCTTTGGGGTGGTCCCTG

Hind III 391



351 361 371 381 391 401 411 421 431 441 451  
AATGACCAACCCCAATTGTCGTCCTGAGCAAAGGTTATTGAAAGCTTCTGTAAGATA TGGGTTTGGGCCAACCTTCGACCTTGCAA CTTTGCCAGCAAGTCTTAAGTCAAAG



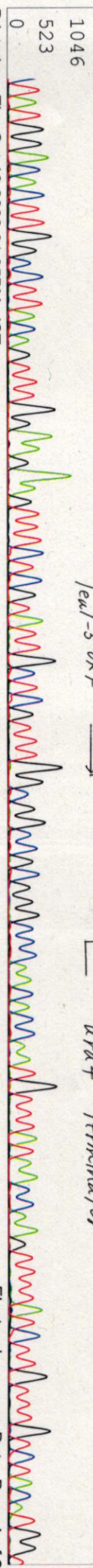
461 471 481 491 501 511 521 531 541 551 561  
TACAGCCC TT TGAAGCCTGAAATCGTTGAAGTGTGATTTTGTGTTGTACGAAGACTTAC TGAGGTTGTTACTTTGGTGAAGCGAC TGAGCAACGGAT CGGGTTATGC

leu1-5'ORF

Nat I 621

Apa I 631

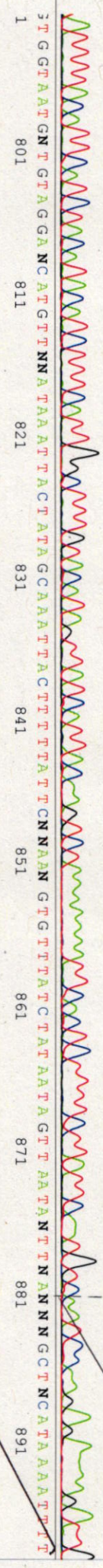
ura4 Terminator



571 581 591 601 611 621 631 641 651 661 671  
TATGGACACTTGGCCCTTACA GTTTGAAGAA GTTCTCTCGTAT TGCTCGTTTGGCGCCGGCGCCCAACCA CCAATGTTATAACCAAGTTTATCTTGTCTACATGG

ATT TTTACATTCATCTACATACATCTTTCCATTGGCTTTGTACATAGTTATCATTA CAAGCTTAAAAAATTCAGCTCTTTCTTATTCATGTCNATCCAAAGAGAAAATTT

ura4 terminator



1046

523

ANNANAGTACTTGTATTACTANNATTAATGNCNTCTGANNNTAAAACGCNTAGGAAAACNNNNNNANCGGATCNCCTTTTTCNANNANCNNNN

1046

523

NTTNNATTANNCNTTTTNNNTGNTNNAANNNNTTNNCNN

1046

523

NN

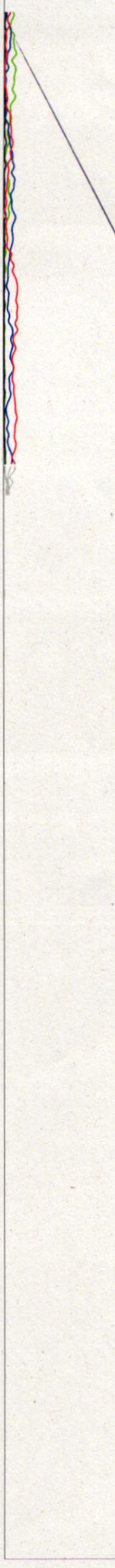
1046

523

NN

1046

523





TATCGGCTTGGAATGTTAAAGGAGACGGGCTGGGACAGCAATATCGTACTCCCTGAAGAGAGTGATGTAAAC T GCGGTAGCGACATCATCATTTGTTGGTCCGTGGAGTCTATGC  
 681 691 701 711 721 731 741 751 761 771 781

AGCTGGTCGTAATCCTGTGTCGAAACCNAAGATATAGAGAANCCTGGTTGGANNGCATATCANNAAGACTTTCTCCANCATNAAAAAAGACNNNNTAAATTT  
 791 801 811 821 831 841 851 861 871 881 891

waat ORF →

TNNGTNGNTAN TGNAAGATCGATGCCCTTGTGCNN TNGTTTNN NANGCGTTTATGTCANNAANGNN TTNNAANNNGTANN C ANGTNNTCNTTTGNN  
 901 911 921 931 941 951 961 971 981 991 100

AAAA TTTTATGTANC GNCNNAANNNTT ANCNNTTANNNA NNA C NCCN T NN G NANNAAAAAAANNNNNN  
 1011 1021 1031 1041 1051 1061 1071 1081 1091 1101

NN  
 1111 1121 1131 1141 1151 1161 1171 1181

NN  
 1191

primer name  $\rightarrow$  : pBAC\_lac\_F  
5' CGCCAGGGTTTCCAGTCCAGCAGC 3'

06532\_19712\_B2J7\_3\_pBAC\_lac\_F\_D10\_04\_AB108

06532\_19712\_B2J7\_3\_pBAC\_lac\_F

KB\_3500\_POP7\_BDTV3.mob

Pts 1387 to 13725 Pk1 Loc:1364

Version 6.0 HISQV Bases: 966

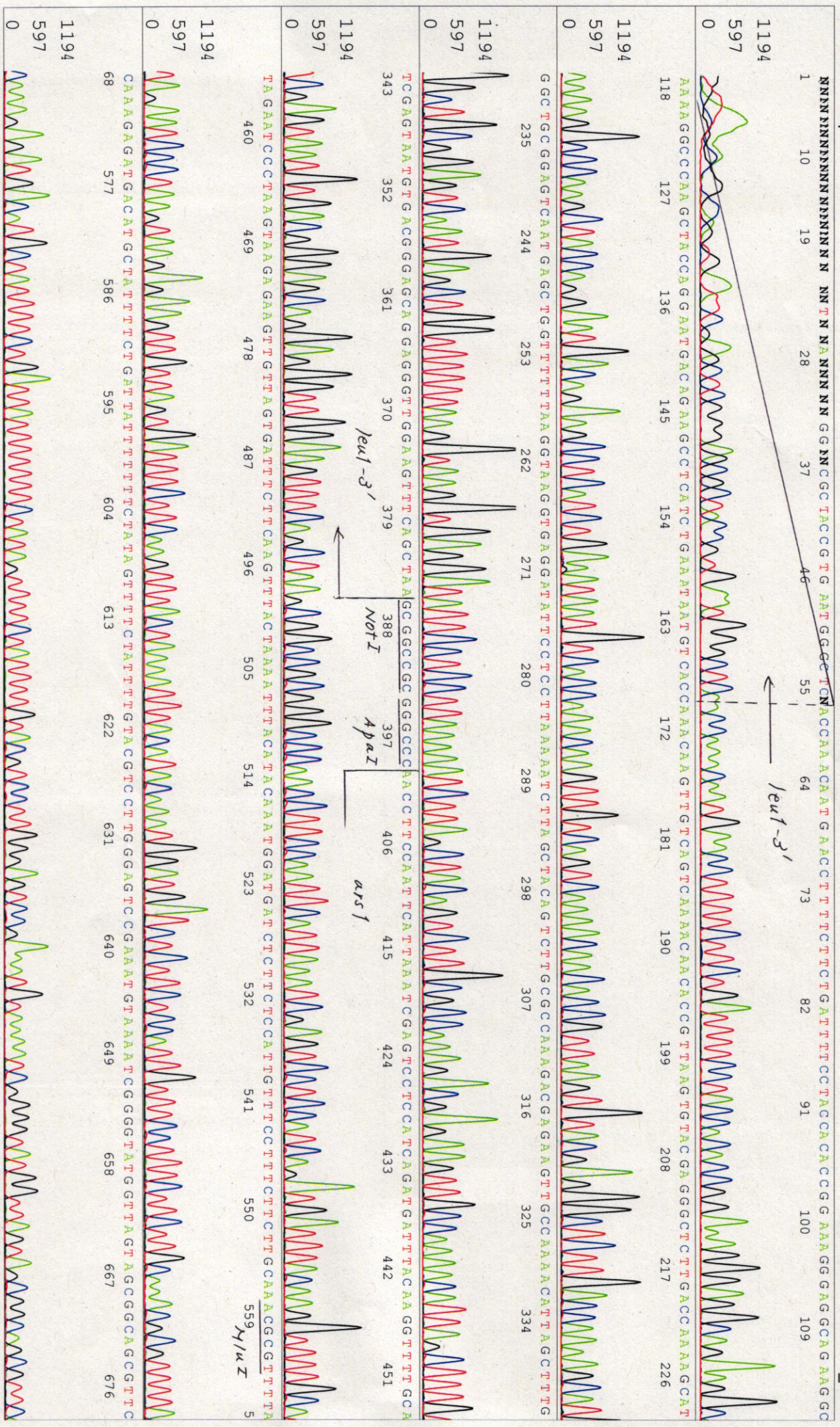
Inst Model/Name 3500/3500 Instrument

Oct 13, 2022 10:22AM, JST

Oct 13, 2022 10:51AM, JST

Spacing: 12.37 Pts/Panel1350

Plate Name: 20221013\_kitaku





ATTTG GTATTATAAAAGATAAAAAGTAGGGGCAAGCCAGACAGAAATGGGATACAAAGGGCATCGTCTATAATTAAGCTAAAAAATTTGATTTTAAATTTGTTGTTAAAT



avs 1

ACTTATTCCTCCGTTNNANANTCNTTNCNTCNTAAATTC CNA C NN TGTAAC TGNNATTTCTCTANATGCTAAATAAAATTTGANNNAAAGNNNNNA



NNNNNNNNNTTTTANAAANNGNAAACTNNNNNNNAANNNNNGNNAANNA NNNNTTN NNNTTN NNNNANNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN



NNNNNNNNNTTTTANAAANNGNAAACTNNNNNNNAANNNNNGNNAANNA NNNNTTN NNNTTN NNNNANNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN

