

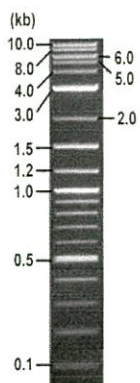


RIKEN DNA BANK

clone name : pAML20

- Clone ID : RDB _ 01950
- Lot : 12313 _ A5Bg
- 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),
125 ng/well



Electrophoresis : 46 nanogram DNA per lane ; 1% agarose gel , 1 x TAE Buffer

Restriction enzyme	Expected size of fragment
<u>BamHI</u>	<u>5.9</u> kbp
<u>HincII</u>	<u>4.2, 1.0, 0.7</u> kbp
_____	_____ kbp
_____	_____ kbp
_____	_____ kbp

● Confirmation of the insertion sequence

Sequence name	Primer name
Sequence - A	ADH_rev
Sequence - B	Amp_R
Sequence - C	LEU2pro_F
Sequence - D	-

APPROVED BY :



S/N G:6332 A:750 T:500 C:453 primer name A : ADH_rev

KB.bcp

KB 1.4.1.8

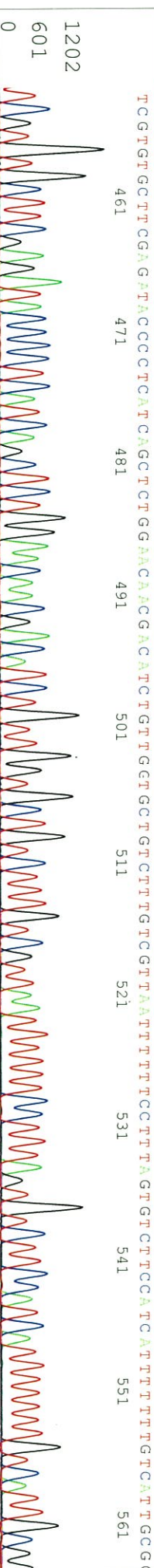
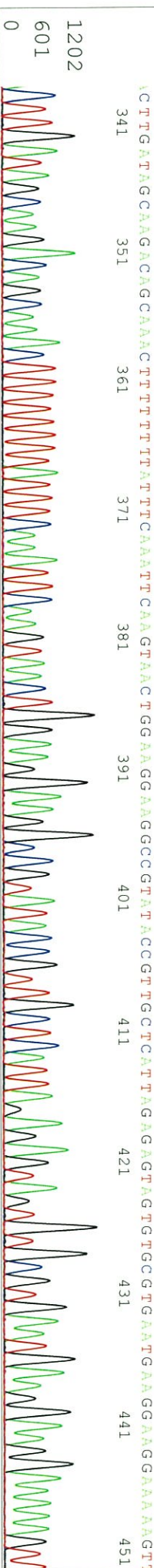
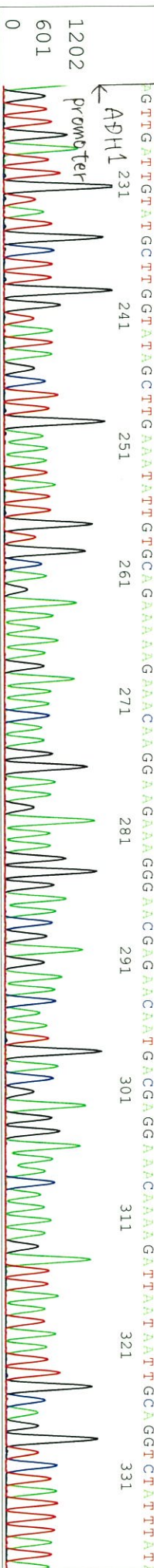
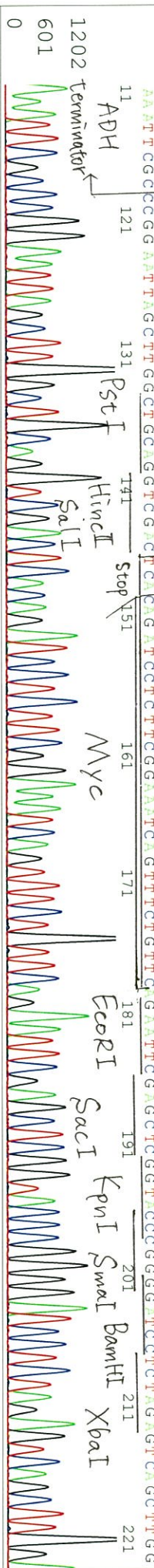
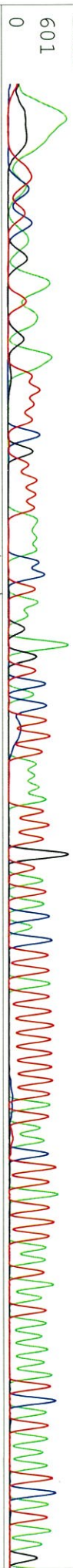
5-CTATACCTGAGAAAGCAACCTGAC-3'

Cap:1

5-CTATACCTGAGAAAGCAACCTGAC-3'

T CCA C TC TCA G A T /A G /A T T T T C G T T T T A A C C T T A G A G T C C C T C C T A A A T T T G T A T A C A C T T A T T T T T T A A C T T A A C T T A T T C A T A A T C A T A A A T C A T A A A T C A T A A G

→ ADH terminator



S/N G:632 A:750 T:500 C:453

01950_12313_A5Bg_ADHrev

KB_3500_POP7_BDTV3.mob

Pis 1489 to 12975 Pk1 Loc:1466

Version 5.4 HiSQV Bases: 990

Feb 17,2015 01:48PM, JST

Feb 17,2015 02:14PM, JST

Spacing:1.36 Pis/Panel1350

Plate Name: 20150217_dhbank

KB.bcp

KB 1.4.1.8 Cap:1

AGAGCGCC TAAATTTTTC CAAACAAA GAAATCTGAGCTTGCAATTTTTCACAGACAGAAATGCCAACGGCAAGAAATCTGTGCTTCATTTTGGT

681 691 701 711 721 731 741 751 761 771

AAAA CAAAAA TGCAACGGCGAGAGCGCTAATTTTTC AAAA GAAATCTGAGCTGCATTTTTCAGAA CAGAAA TGCAACGGCGAGAGCGCTATTTTACCAAC

781 791 801 811 821 831 841 851 861 871 881

AAAA GAAATCTATTA CTTCTCTTTTTC GTTCTACAAAAA TGCAATCCC GAGAGCGCTAATTTTTC TAA CAAAGCATCTTAGATTA CTTTTTTC TCCC TT

81 891 901 911 921 931 941 951 961 971

TGTGCGCTCTATTAATGCA GTCCTCTTTG ATAAAC TTTTTC GAC TGT A GG TCCG TTTAAA CG TTAG AA G AAC GGC TAC TTGGG T

981 991 1001 1011 1021 1031 1041 1051 1061

GG TCTTA TTTT TCTCTCTTTCCATA AA A AA A GGT C TGG A C T CG A C TTC C C C G C G A TTTT A C TGG AA G T

1071 1081 1091 1101 1111 1121

TAA CC T TAA G CCG G A

1131 1141

0 601 1202

0 601 1202

0 601 1202

0 601 1202

0 601 1202

Printed on: Tue Feb 17, 2015 03:56PM, JST

S/N G:539 A:590 T:502 C:505

KB.bcp

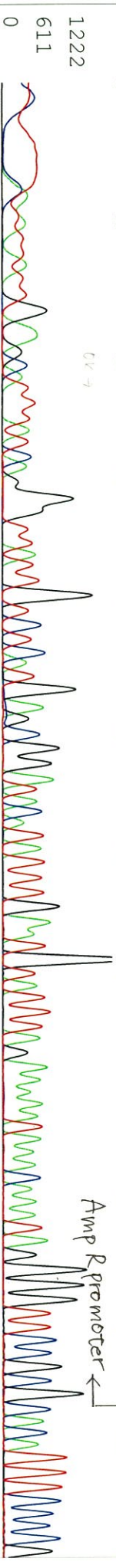
KB 1.4.1.8

primer name B : Amp_R

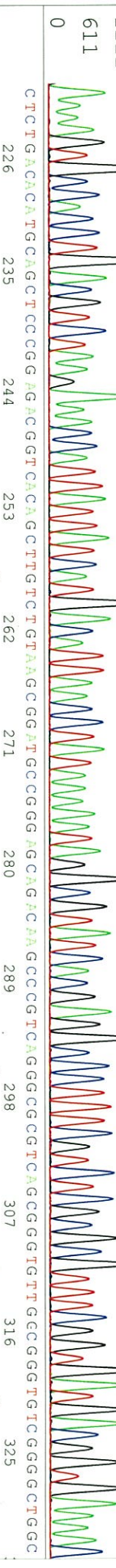
5'-GCGACACGGAAATGTTGAATA-3'

Cap:4

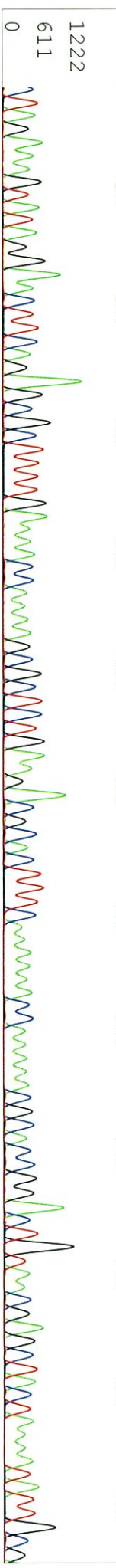
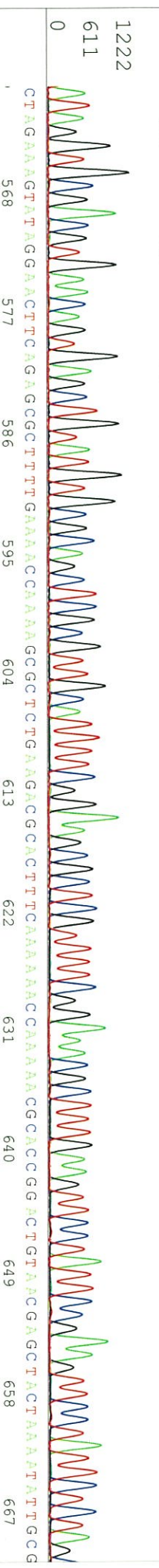
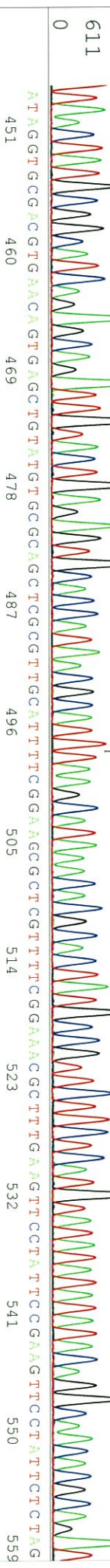
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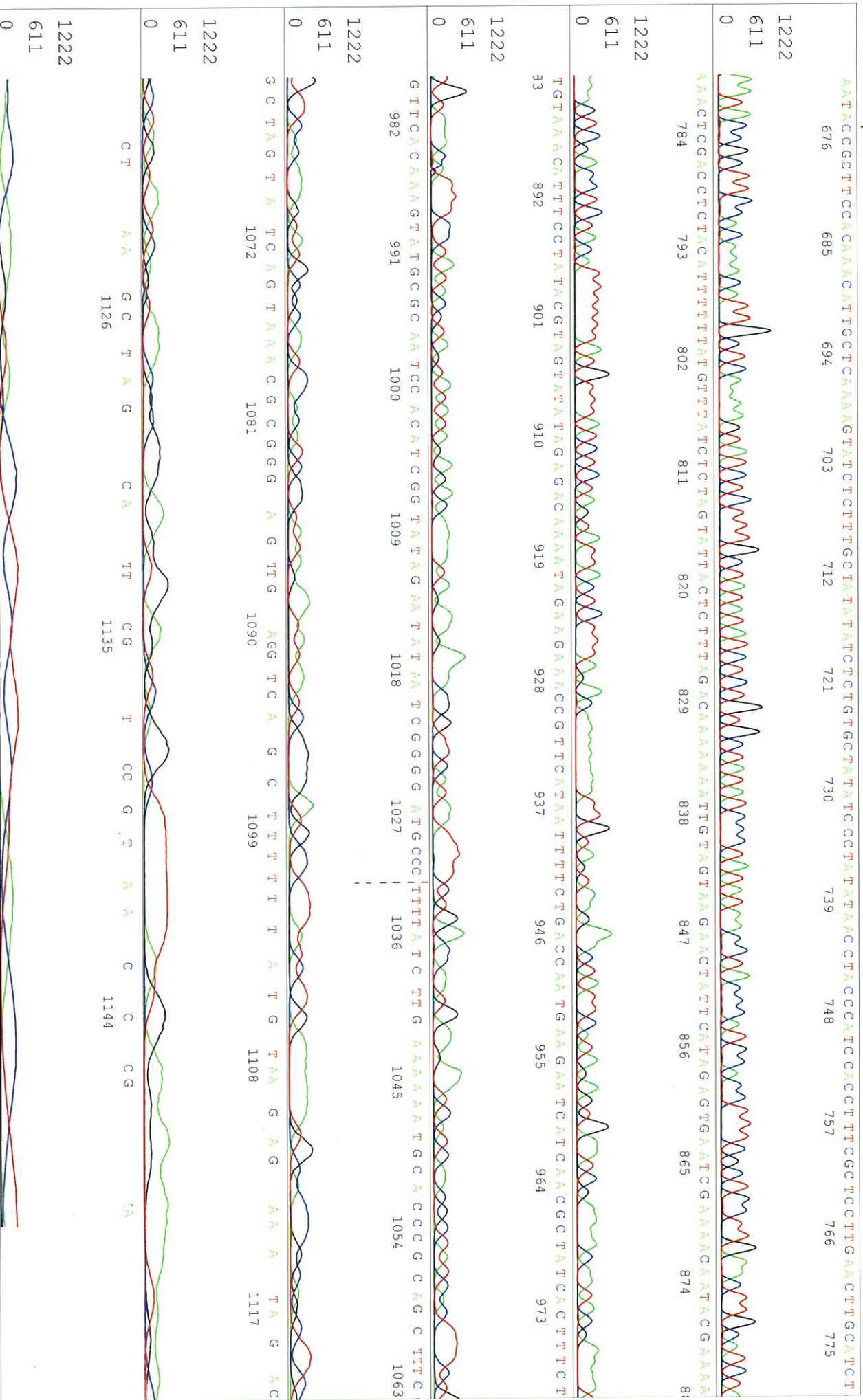


Aat II



→ 2 μV 0.1 s





S/N G:518 A:511 T:487 C:332 primer name C : LEU2pro_F

01950_12313_A5Bg_LEU2pro_F

KB_bcp KB_3500_POP7_BDTV3.mob

KB 1.4.1.8 Cap:7 5'-AAGCGTTCATGACTAAATGCTTGC-3'

Pis 1504 to 13168 Pk1 Loc:1481

Version 5.4 HISQV Bases: 990

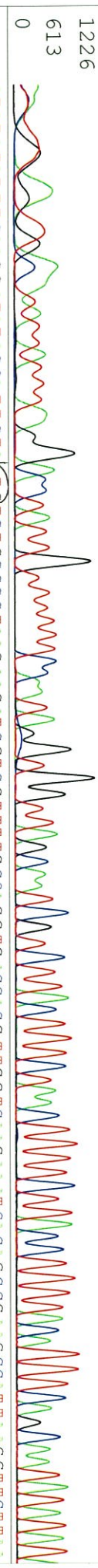
Feb 17,2015 01:48PM, JST

Feb 17,2015 02:14PM, JST

Spacing:11.53 Pts/Panel1350

Plate Name: 20150217_dnabank

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1 11 21 31 41 51 61 71 81 91 101



ATATATATTTC AAGGATATACCA TTCTTA TGTCTGCCCC TAA G AAGATCGT CGTTTGGCCAGGTG ACCACG TTGGTCAAGAAATCA CAGCCG AAGCCATT AAGGTTCTTAA
111 121 131 141 151 161 171 181 191 201 211

AGCTATTTCTGATGTTCTCGTTCCTCAATGTCAAAGTTTCGATTTCGAAATCATTTAAATTTGGTGGCTGCTGCTATCGATGCTACAGGTGTTCACAGGTGTTCACATTCCAGATGAGCGCGTGAAGCCCT
221 231 241 251 261 271 281 291 301 311 321 331

CCAAGAAGCCTGATGCCGTTTGTAGGTGCTGTTGGTGGTCCCTAAATGGGGTACAGGTA GTGTTAGACC TGAACAAAGGTTTACTAA AAAATCCGTA AAGAACTTCAA TTGTACG
341 351 361 371 381 391 401 411 421 431 441

CCAACCTTAAGACCA TGTAACTTTGCATCCGACTCTCTTTTGA CACTTATCTCCAA TCAA GCCACAATTTGGCTAAAGGTACTGACTTTCGTTGTTCA GAGAATTAA GTGGGAGGT
451 461 471 481 491 501 511 521 531 541 551

ATTTACTTTGGTAAAGAAAGGAAAGGCGATGGTGGTGGCTTGGGPTAGTGAA CAA TACA CCGCTTCCAGAAAGTGC AAAGAATCA CAA GAATGGCCGCTTTCATGGCC
561 571 581 591 601 611 621 631 641 651 661

1226
613
0

1226
613
0

