

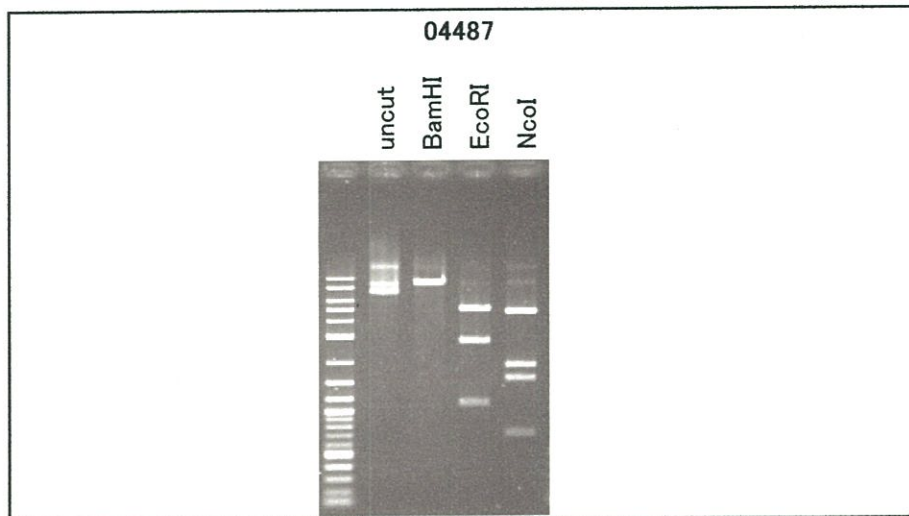
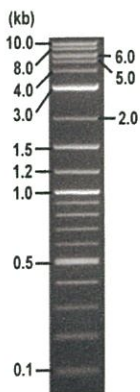


**RIKEN DNA BANK**

clone name : SEREX clone BRC-Co-27 #1

- Clone ID : RDB\_04487
- Lot : 15326\_A7Hf
- DNA Concentration : 25 nanogram/microliter
- Volume : 40 microliter
- Form : DNA solution in TE buffer
- Host : DH5 alpha
- Culture : LB medium
- Antibiotics : 25 microgram/ml kanamycin
- Purification : QIAGEN QIAprep Spin Miniprep kit
- Digestion by restriction enzyme

2-Log DNA Ladder  
(NEB#N3200L),  
125 ng/well



Electrophoresis : 100 nanogram DNA per lane ; 1% agarose gel , 1 x TAE Buffer

Restriction enzyme	Expected size of fragment
<u>BamHI</u>	<u>8.9</u> kbp
<u>EcoRI</u>	<u>5.0, 2.8, 1.1</u> kbp
<u>NcoI</u>	<u>4.7, 1.9, 1.6, 0.7</u> kbp
_____	_____ kbp
_____	_____ kbp

● Confirmation of the insertion sequence

Sequence name	Primer name	Sequence name	Primer name
Sequence - A	RDB04487#2	Sequence - E	-
Sequence - B	RDB04487#1	Sequence - F	-
Sequence - C	SV40polyA-R	Sequence - G	-
Sequence - D	SV40pro_F_V2	Sequence - H	-

APPROVED BY :



S/N G:69 A:62 T:117 C:89

primer name A : RDB04487#2

04487\_15326\_A7Hf\_RDB04487#2

Aug 29, 2017 03:56PM, JST

KB.bcp

5- AGTGGCTACTGTTGATGAG -3'

KB\_3500\_POP7\_BDTV3.mob

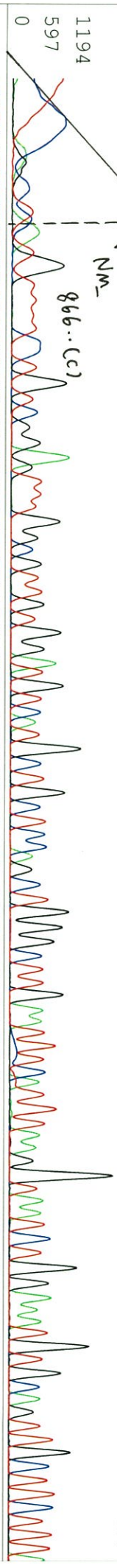
Aug 29, 2017 04:21PM, JST

KB 1.4.1.8 Cap:1

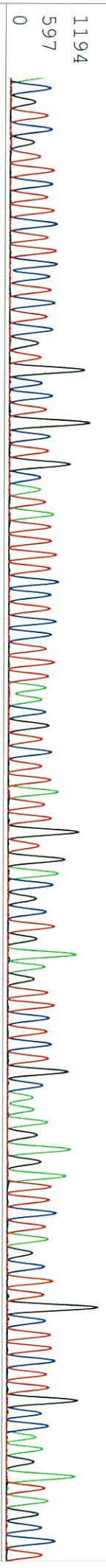
Pts 1393 to 13016 Pk1 Loc:1370

Spacing:11.68 Pts/Panel1350

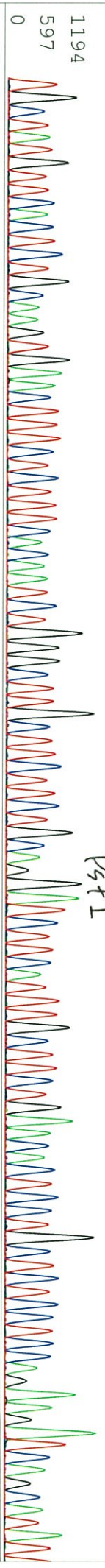
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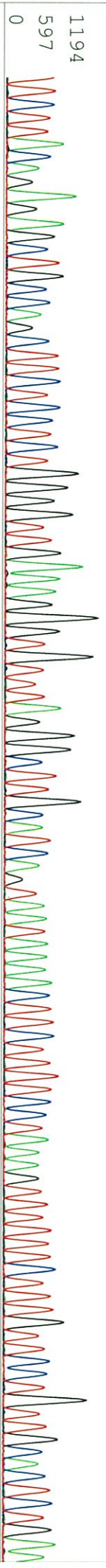
118 127 136 145 154 163 172 181 190 199 208 217



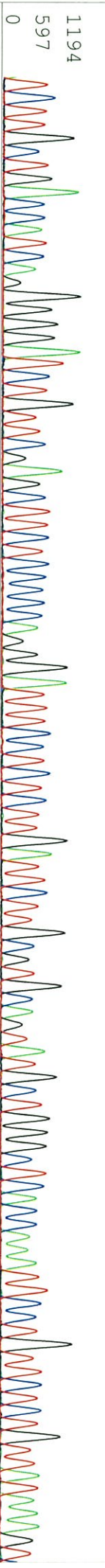
226 235 244 253 262 271 280 289 298 307 316 325 334



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



51 460 469 478 487 496 505 514 523 532 541 550 559



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



0 597 1194

S/N G:69 A:62 T:117 C:89

04487\_15326\_A7Hf\_RDB04487#2

KB\_3500\_POP7\_BDTV3.mob

Pts 1393 to 13016 Pk1 Loc:1370

Version 6.0 HISQV Bases: 1038

Aug 29, 2017 03:56PM, JST

Aug 29, 2017 04:21PM, JST

Spacing: 11.68 Pts/Panel1350

Plate Name: 20170829\_dhbank

KB 1.41.8 Cap:1

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

1194

597



GCCTCTTCCCGCGCTGGCTTCTTCCATTGTGCCAATTTCAACCTTCTGCGGGGCTGCCGTCCGCCCGTCCGGCTCCGACCTCAATCCGCTTCCGGCGCGCC

NCXorf15  
NM\_018360.2, ..59(cc)  
start

..43(cc)

EcoRI BamHI SpeI SalI PstI SacI

820 829 838 847 856 865 874 883

1194

597



CCAGCTTTGTTCCCTTTAGTGAAGGTTAATTTCGAGCTTGGCGTAAACAAGGTCATCGTCAATAGCTGTTTCCCTGTGTGAAATTGTTATCCGCTCACAAATCCAC

991 1000 1009 1018 1027 1036 1045 1054 1063 1072

1194

597



ACAAATATACGAGCCGGAAATATAAAATGTAAGCCCTGGGTGCGCTAAAGTAGAGCTAACTCAAGTAAATTGCGGGCTAAGCGGAT

1081 1090 1099 1108 1117 1126 1135

1194

597



AAATTTTGCGGGTTTC

S/N G:28 A:35 T:49 C:45

KB.bcp primer name B : RDB04487#1

KB 1.4.1.8 Cap:5 5'-TACCACATAAGTCCAGTAGTTC-3'

KB\_3500\_POP7\_BDTV3.mob

KB 1.4.1.8 Cap:5

Pls 1378 to 13287 PK1 Loc:1355

Version 6.0 HISQV Bases: 1024

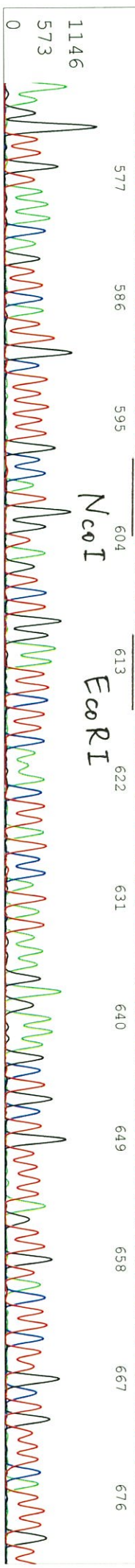
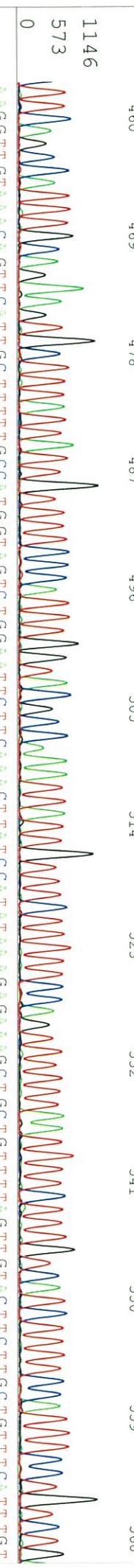
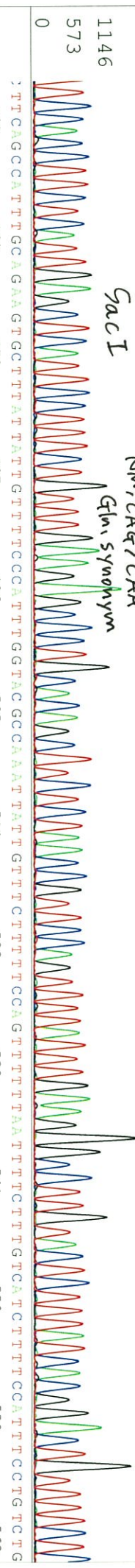
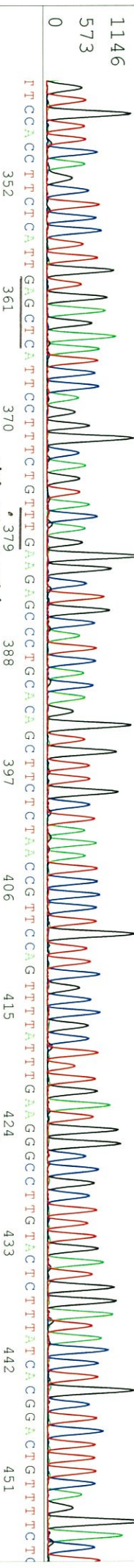
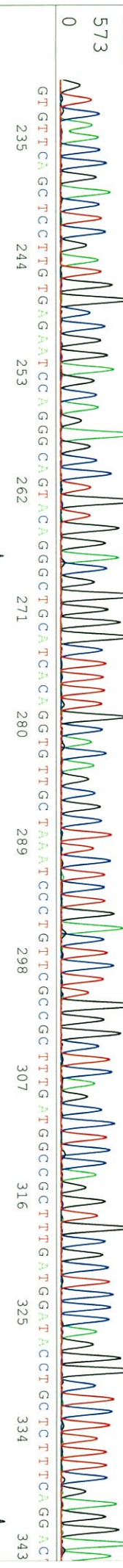
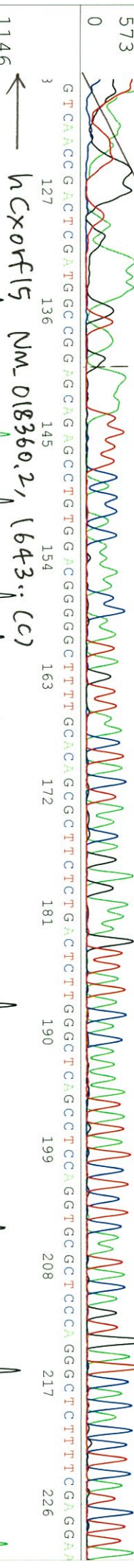
Aug 24, 2017 02:12PM, JST

KB 1.4.1.8 Cap:5

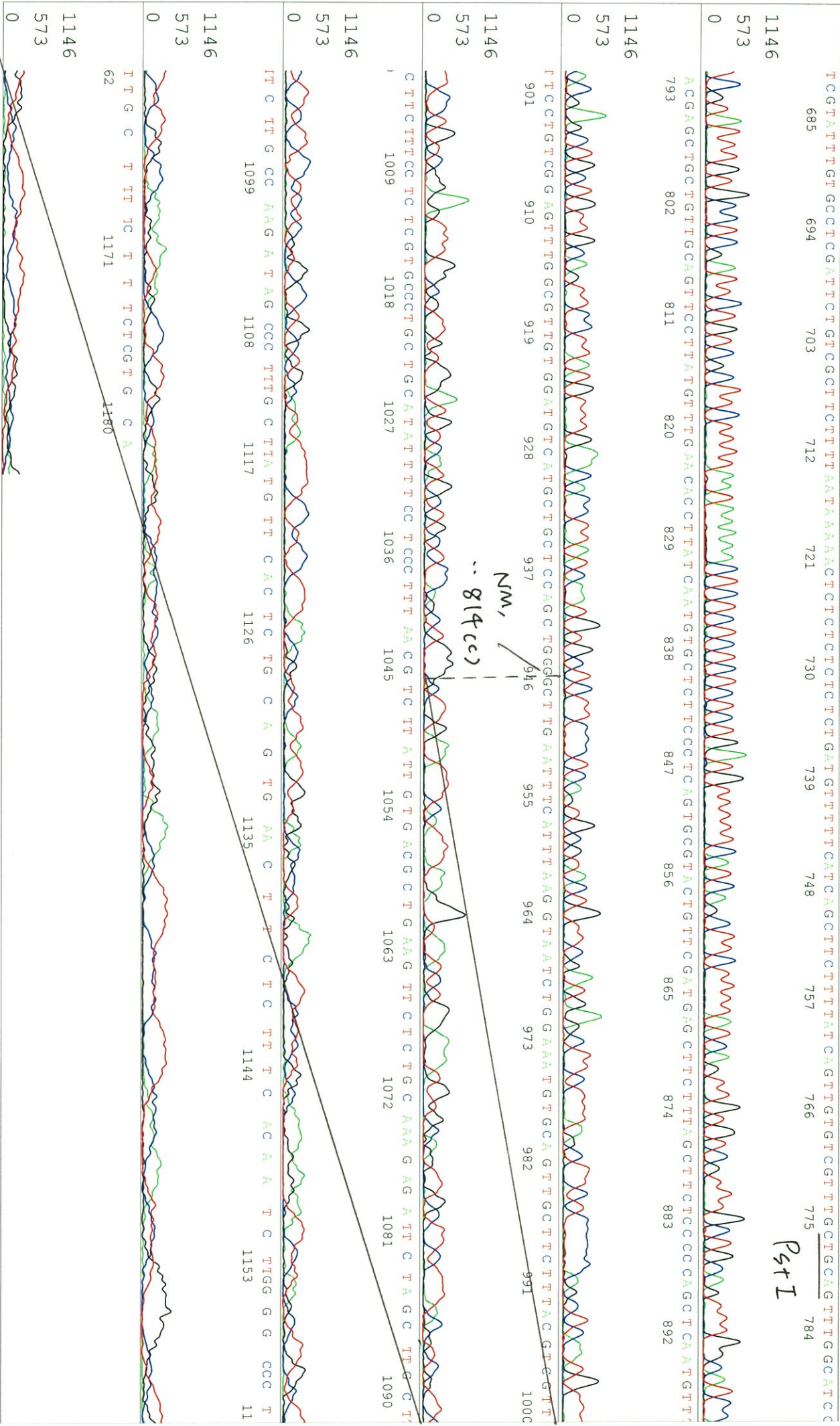
Spacing:1.184 Pts/Panel1350

Plate Name: 20170824\_mix

Aug 24, 2017 02:12PM, JST



Pst I



primer name C : SV40polyA-R

KB\_3500\_POP7\_BDTV3.mob

Aug 23, 2017 10:25AM, JST

S/N G:92 A:129 T:100 C:82

5'-TCATTTATGTTTCAGGTTTC-3'

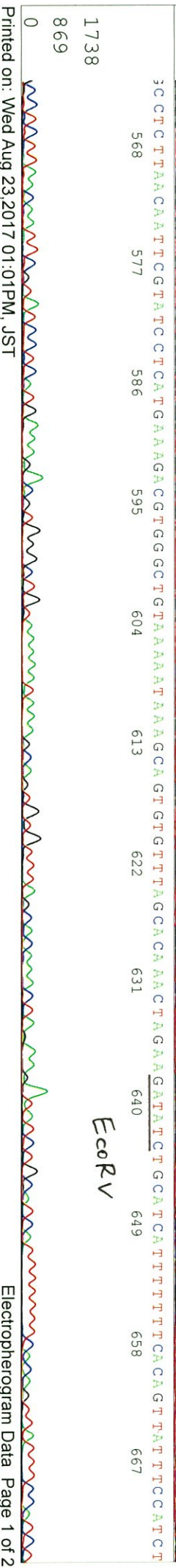
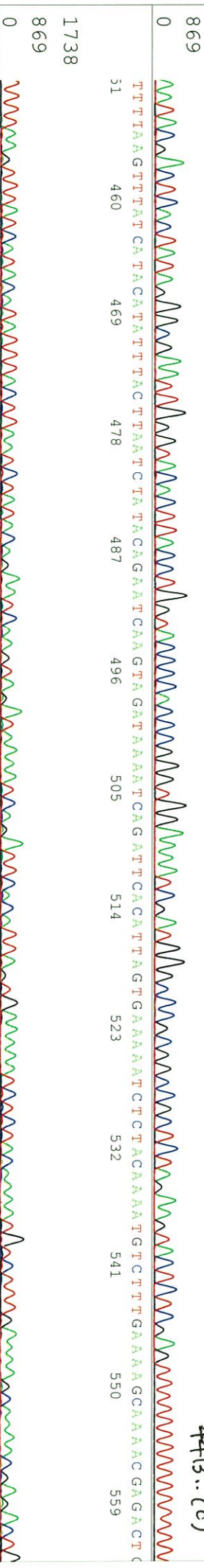
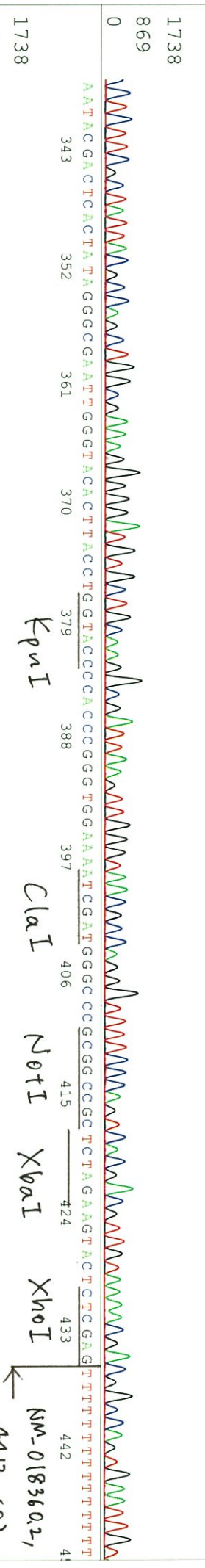
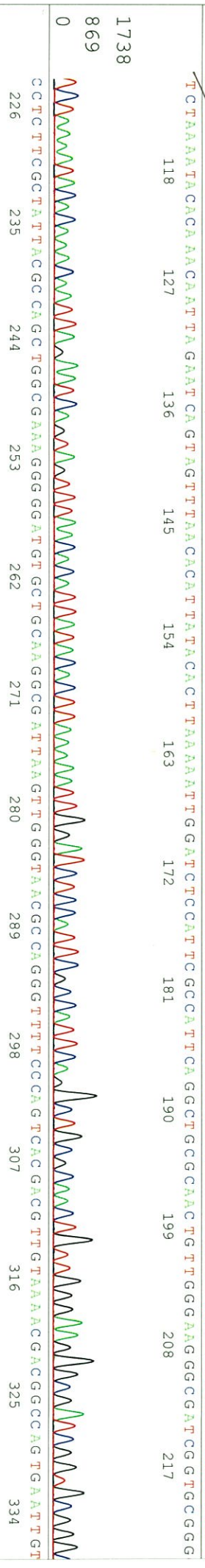
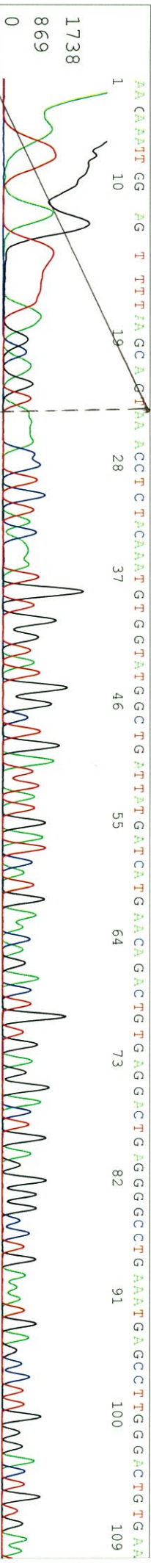
Pts 1450 to 13499 Pk1 Loc: 1427

Spacing: 11.95 Pts/Panel1350

KB 1.4.1.8 Cap:4

Version 6.0 HiSQV Bases: 985

Plate Name: 20170823\_dnabank



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

676 685 694 703 712 721 730 739 748 757 766 775 784  
1 A G A A A T G T A C T C C T A A C A A G T C T G A G G A T G A A A T G T C C A T A T T A C C C A A G A C C C A A G T T T C T C T A C A C C T T G A G T C C A C C G C C A T A T A A A T A A T A C A C A T C A C G

793 802 811 820 829 838 847 856 865 874 883 892  
2 A T T C C A T G A T G G T G C A A C C A A T T G C A A T T T A A G T G A A T T C P A C A T T T A A A C C T T T C T G G G C C C A G C C T A G T A G C A T T A C A G T G T T C T A T G A A A T A T G G T A G A T A T

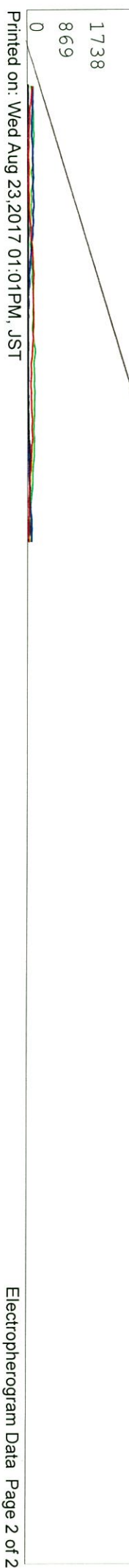
EcoRI

NM, /  
.. 3895 (c)

901 910 919 928 937 946 955 964 973 982 991  
G G G G G T G C C T A C A A A G C C A C A C A C A C T G G G C T G A G T G A G A A G A T G T C T C T C A G G G T C C A T T G T T T T T A P T C

1000 1009 1018 1027 1036 1045 1054 1063 1072  
. C T G T A T T G G A G A G A T C T (G A A G A C A A T G C A A T G C A G A A T T C A A T A T C G T T T T T A P T C

1144 1153  
C C A A C C A C T A T A A A A T A T A A G



S/N G:51 A:41 T:32 C:36

KB.bcp primer name P : SV40pro\_F\_V2

KB\_3500\_POP7\_BDTV3.mob

Aug 23, 2017 09:59AM, JST

KB 1.4.1.8 Cap:7

5- TCGGCCTCTGAGCTATT C-3'

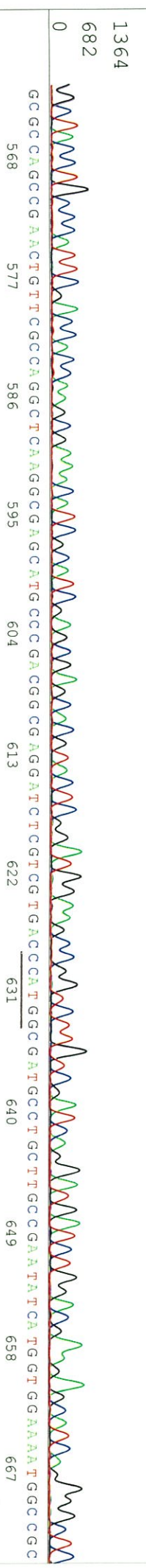
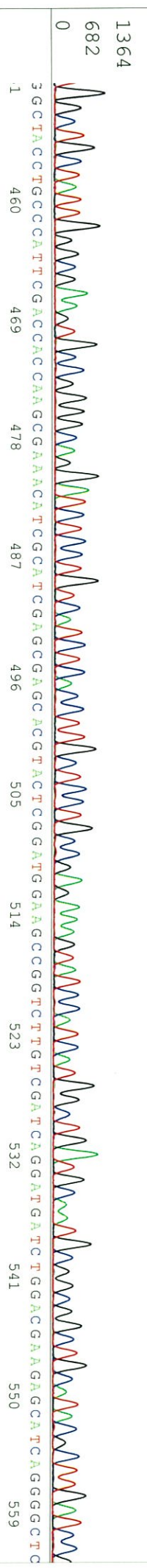
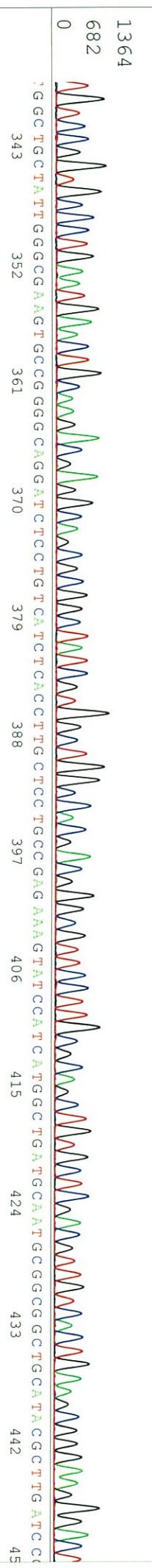
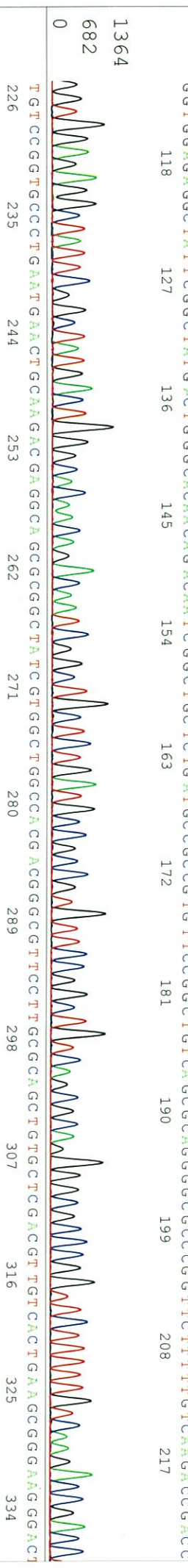
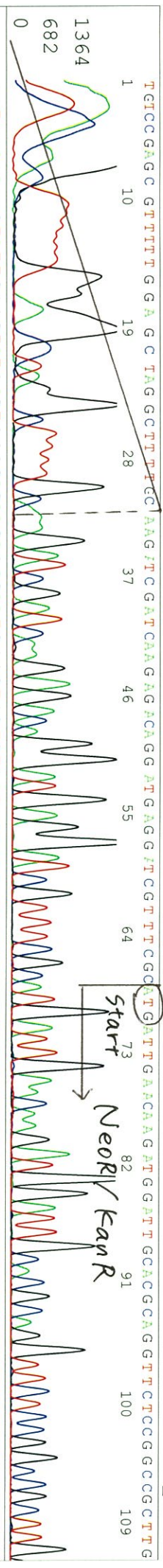
Pts 1469 to 13832 Pk1 Loc:1446

Aug 23, 2017 10:25AM, JST

Version 6.0 HiSQV Bases: 993

Spacing:12:18 Pts/Panel:350

Plate Name: 20170823\_dnabank



NotI



S/N G:51 A:41 T:32 C:36

KB.bcp

KB 1.4.1.8 Cap:7

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

