

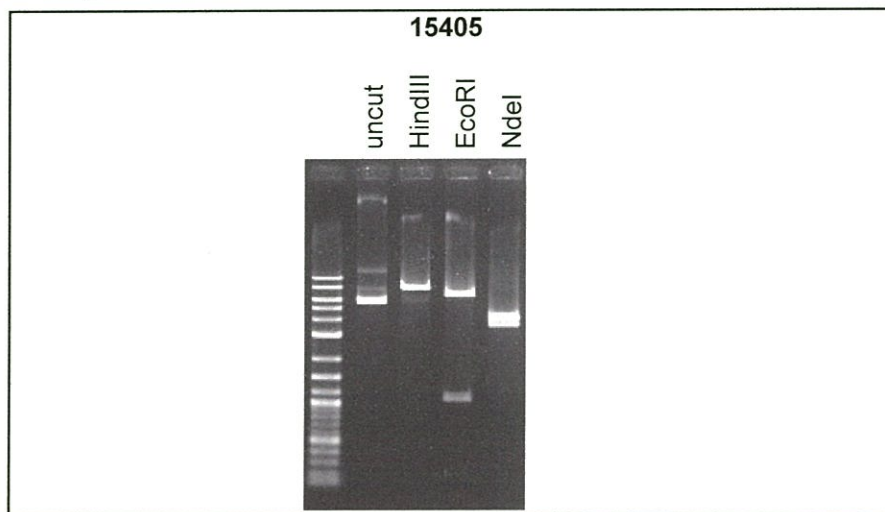
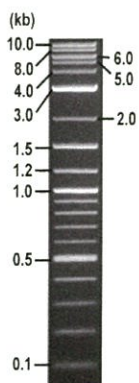


RIKEN DNA BANK

clone name : pMSCV-3xFLAG-mp62-del PB1

- Clone ID : RDB _ 15405
- Lot : 15405 _ A7Ik
- 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 | |
|--------------------|---------------------------|-----|
| HindIII | 7.9 | kbp |
| EcoRI | 6.8, 1.1 | kbp |
| NdeI | 4.2, 3.7 | 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 | Pr0730 | gag-M_F | gag3', 3xFLAG, insert5' |
| Sequence - B | Pr0243 | PGK_N_rev | PGK pro, insert3' |
| Sequence - C | Pr0065 | pBR322_BamHI_R | 5'LTR, MESV psi |
| Sequence - D | Pr0249 | PGKpro_F | PGK pro, HygR 5' |
| Sequence - E | Pr0501 | HygR-C_F | HygR 3', 3'LTR |
| Sequence - F | - | - | - |
| Sequence - G | - | - | - |
| Sequence - H | - | - | - |

APPROVED BY :



S/N G:230 A:202 T:154 C:188 primer name A : gag-M_F

KB_hcp KB_3500_POP7_BDTV3.mob

Nov 16,2017 01:28PM, JST

KB 1.4.1.8 Cap:18

5'-ACCTGGGAAGCCTTGGCTTTTG-3'

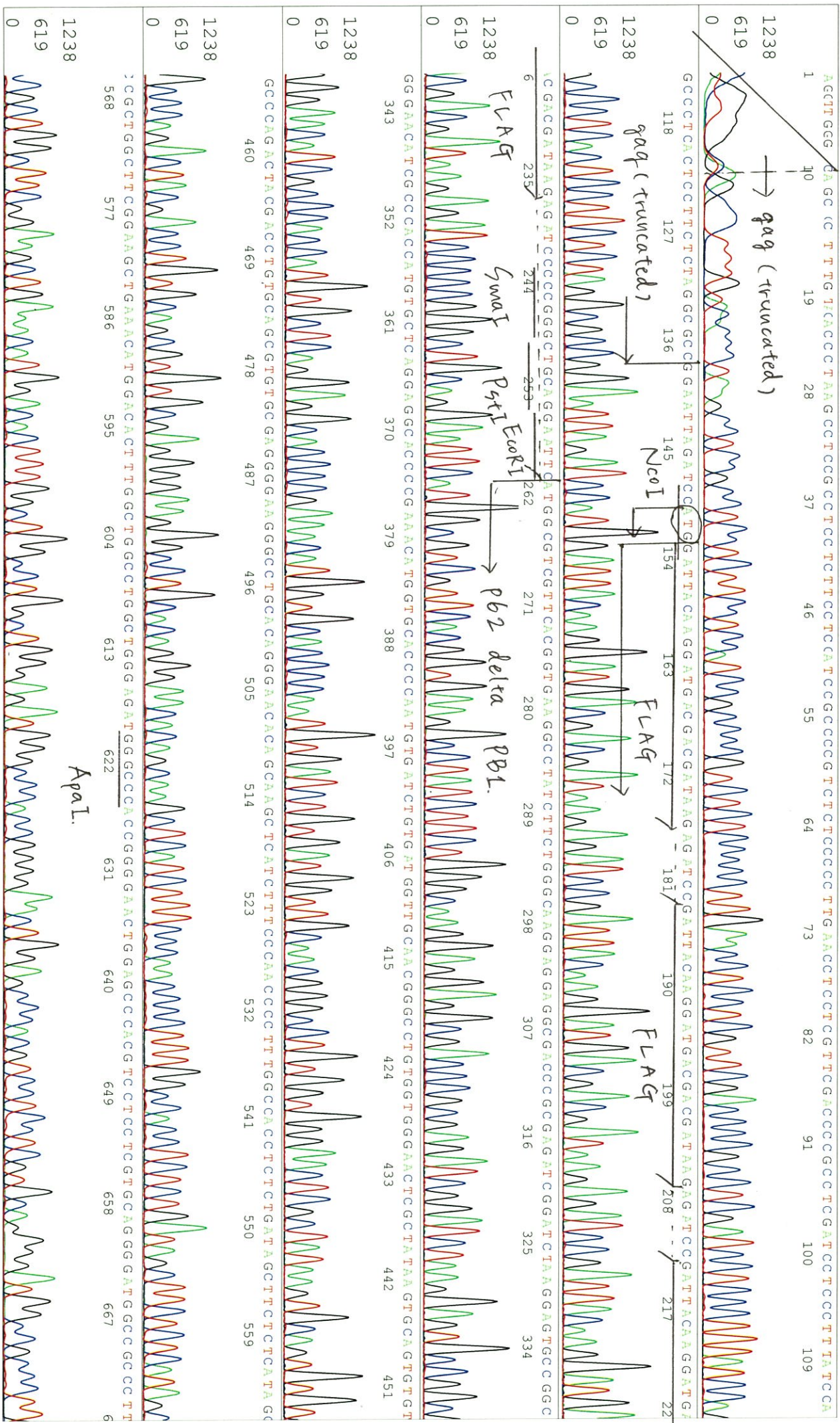
Pis 1364 to 12668 Pk1 Loc:1341

Nov 16,2017 01:54PM, JST

Version 6.0 HiSeqV Bases: 989

Spacing:1.36 Pts/Panel1350

Plate Name: 20171116 mix



S/N G:55 A:39 T:43 C:47

primer name B : PGK_N_rev

D04516A5_A71K_2_PGK_N_rev

Nov 16, 2017 01:28PM, JST

KB bcp

5'-TGCTAAAGCGCATGCTC-3'

KB_3500_POP7_BDTV3.mob

Nov 16, 2017 01:54PM, JST

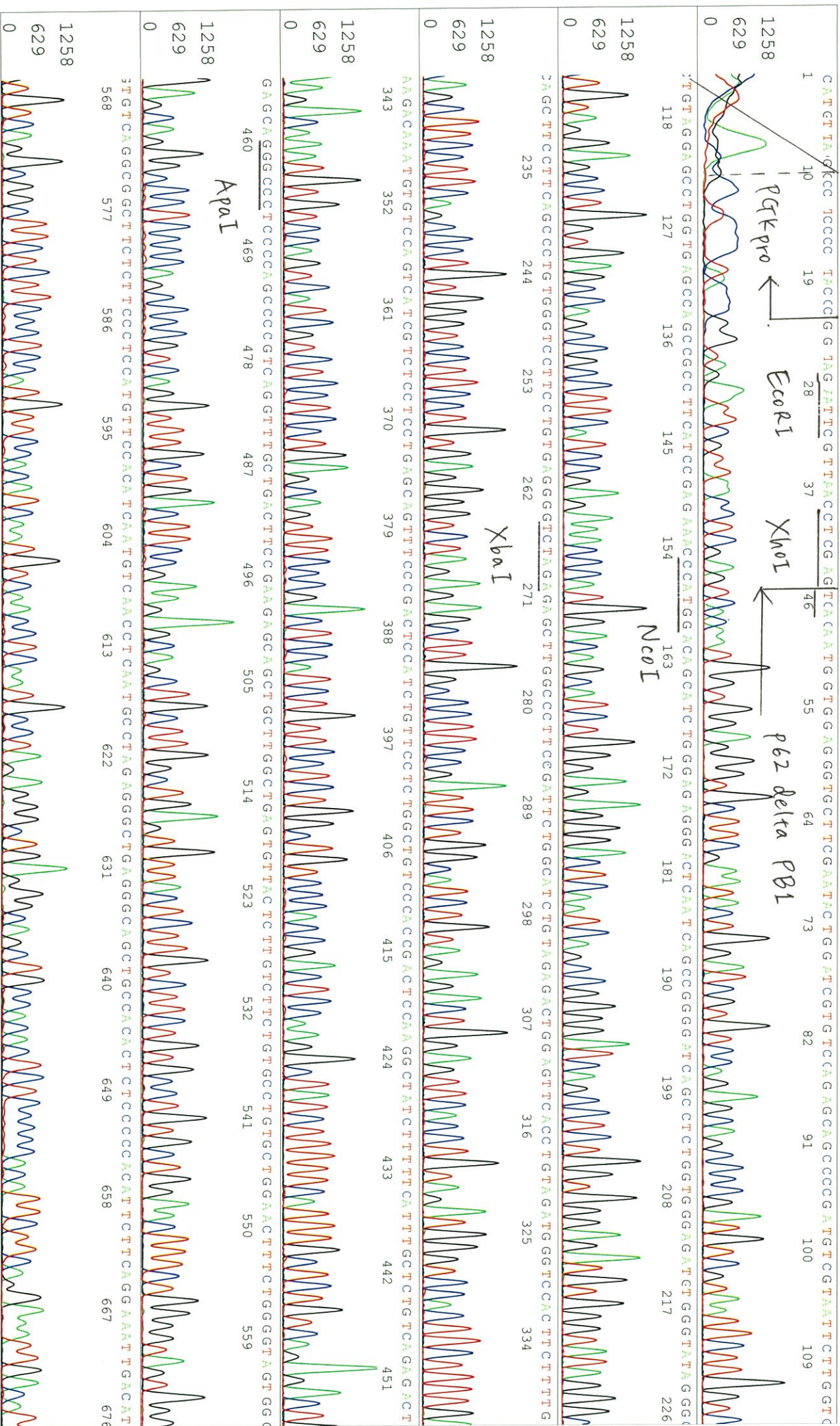
KB 1.4.1.8 Cap:21

5-TGCTAAAGCGCATGCTC-3'

Pis 1318 to 12681 PK1 Loc:1295

Pls/Panel1/350

Version 6.0 HISQV Bases: 999



TTTCTACGAGAGTTATCA GTGGTCCAGGCTCTAGTTTGTGACTCAACATATCACCA GCTGAA GCGCTA TAGAGTAACGCA GCGCA TAA GATAAAATAAAGATTTAATTAGTCT

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

EcoRV



TCGAAAAA GGGGGG ATGAAA GACCCCA CCGTAGGTTTGGCAA GCTAGCTTAAAGTAA C GCCCATTTTGC AA GGCATGG AAAATACATAAACTG A GAATA GAGAA GTTCA GATC

118

S'LTR

NheI



AAGGTTA GGAACA GAGAGCAGCAGAATAT GGGCCAAACA GATATCTGTGGTAA GCA GTTCC TGCCCGGCTCAGGGCCAA GAA CAGATGGT CCCCAGATGCGG TCCCGCC

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

EcoRV



TCAGCAGTTCTAGAGAACCTCAGATGTTCCAGGGT GCCCAAGACCCTGAAA TGACCCCTGTGCTTATTTGAACTAA CCAA TCA GTTCCGCTCTCCGCTTCTCGC GCGC

343 352 361 370 379 388 397 406 415 424 433 442 4

XbaI



TTCTGCTCCCGA GCTCAATAAAA GAGCCCAACCCCTCACTCGGGCGCCAGTCCCTCCGATA GACTGCGTCCGCCGGTACC CGTATTCCCAATAA GCCCTCTGCTGTT

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

SacI

SmaI KpnI



GCATCCCGAATCGTGGACTCCGCTGATCCTTGGGAGGGTCTCTCCCTCAGATTGATTGACTGCCCA CCGTCCGGGGGCTTTCCATTTGGAGGTTCCACCGAGATTTGGAGACCCCTG

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

S'LTR



CCCAAGGACCAACCGACCCCGCCCGGAGGTTAAAGCTGGCCAGCCGGTCGTTCCGTCCTCTCTGTCCTTTGTCCGTGTTGTGCCCGCATCTAAAGTTGCCCTGCC

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

MESVY

TCTGTACTAGTTAAGCTAACTAAGCTCTGTATCTGGCGAACCCTGTGGAAACTGACGAGTTCTGAAACAACCGCCCGCAACCCTGGGGAGACGTTCCCAAGGACTTTGG

784 793 802 811 820 829 838 847 856 865 874 883

SpeI

GGGGCCGTTTGTGGCCGACCTGAGGAAA GGGAGTCTGATGTTGGAAATCCCGACCCGTCAGGATATGTTGGGTTCTGGTA GGA GACGAGAACTTAAA CAG

892 901 910 919 928 937 946 955 964 973 982

MESVY

TTCCCGCCCTCCGTCGTAATTTTTCGCTTTCGGGTTGGAAACCGGACCGCTCTGCAAGATATGTTGGGTTCTGGTA GGA GACGAGAACTTAAA CAG

991 1000 1009 1018 1027 1036 1045 1054 1063 1072

TGTCCTCTGTCGTAACCTGTTTCC TGTATTC TGA

1081 1090 1099 1108 1117 1126 1135

CCCTTAAAGTTG

1144

0

1130 565 0

S/N G:460 A:314 T:299 C:371

primer name P : PGKpro_F

KB_bcp KB_3500_POP7_BD1V3.mob

Nov 16, 2017 11:24AM, JST

KB 1.4.1.8 Cap:4

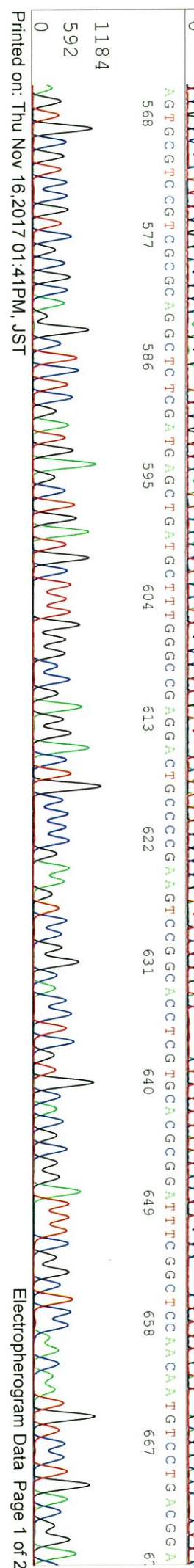
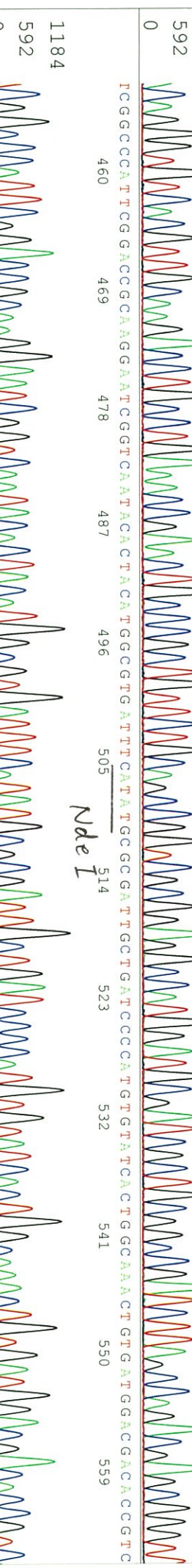
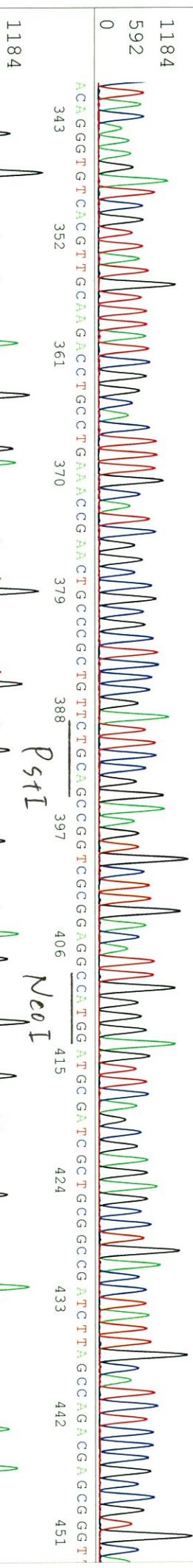
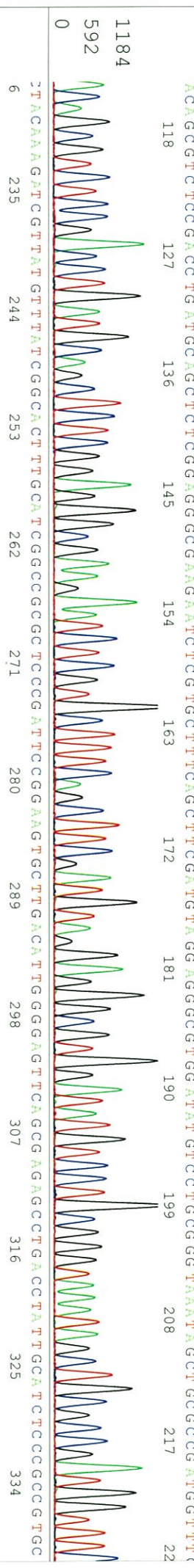
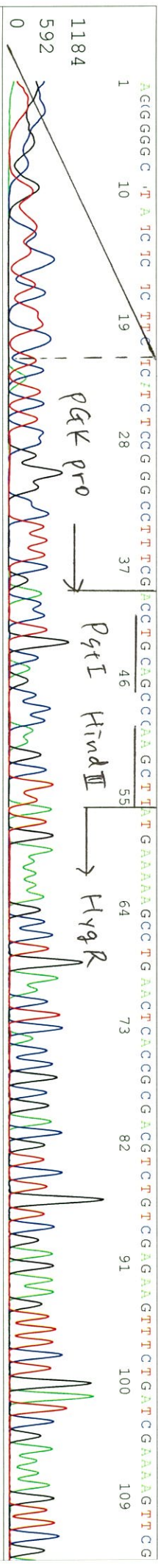
5'-ATTCTGCACCGCTCAAAAAG-3'

Pis 1380 to 12900 PK1 Loc:1357

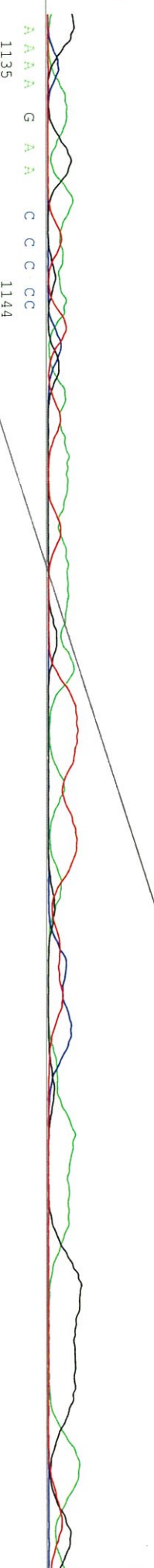
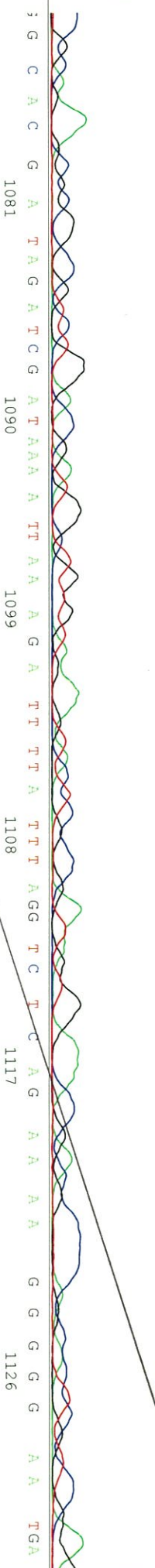
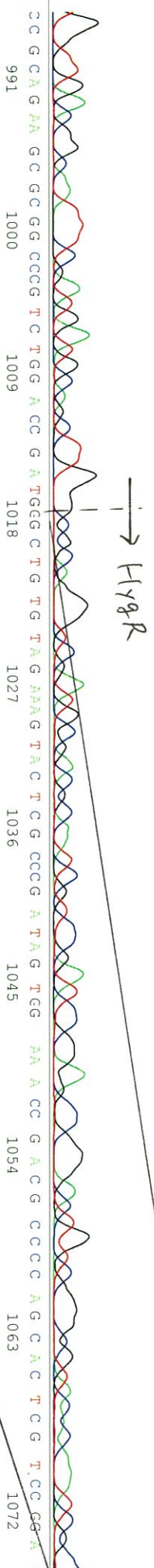
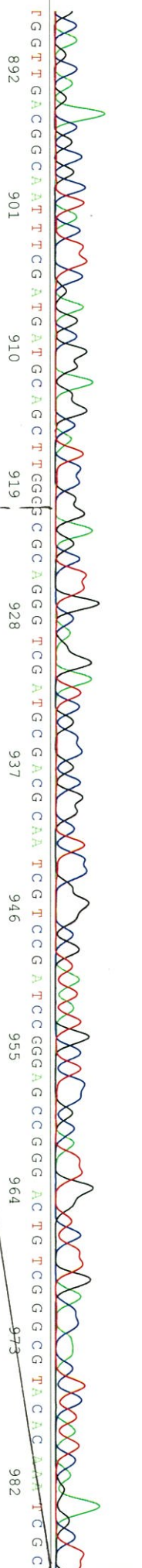
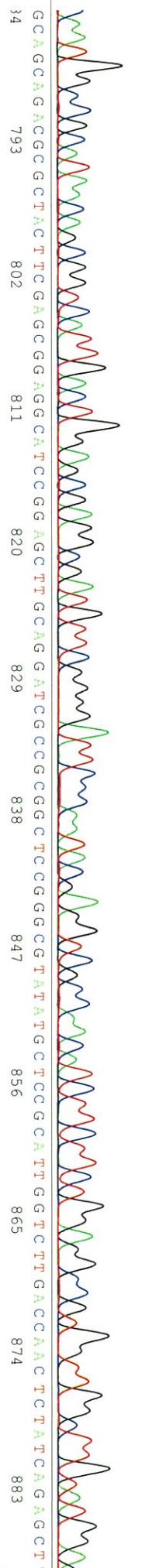
Nov 16, 2017 11:51AM, JST

Version 6.0 HiSeqV Bases: 996

Plate Name: 20171116 mix



CAATGGCCCGCATACAGCCGGTCTCATTTGACTGGAGCCGAGCCGATGTTCCGGGGATTCCTCCCAATACGAGTCCGCCAACACTCTCTCTCTGAGGCCCGTGGTGGCTTGTATGGAA
76 685 694 703 712 721 730 739 748 757 766 775 78



S/N G:78 A:64 T:55 C:66

primer name E : Hygr-C_F

D04516A5_A71K_2_Hygr-C_F
KB_3500_POP7_BDTV3.mob

Sep 09, 2019 02:35PM, JST
Sep 09, 2019 03:02PM, JST
Spacing: 10.82 Pts/Panel1350

KB.bcp

5'-ATAACAGCGGTGACTG-3'

Pts 1396 to 12220 Pk1 Loc:1373

Plate Name: 20190909_MGE

KB 1.4.1.8 Cap:6

Version 6.0

HiSQV Bases: 917

Version 6.0

