

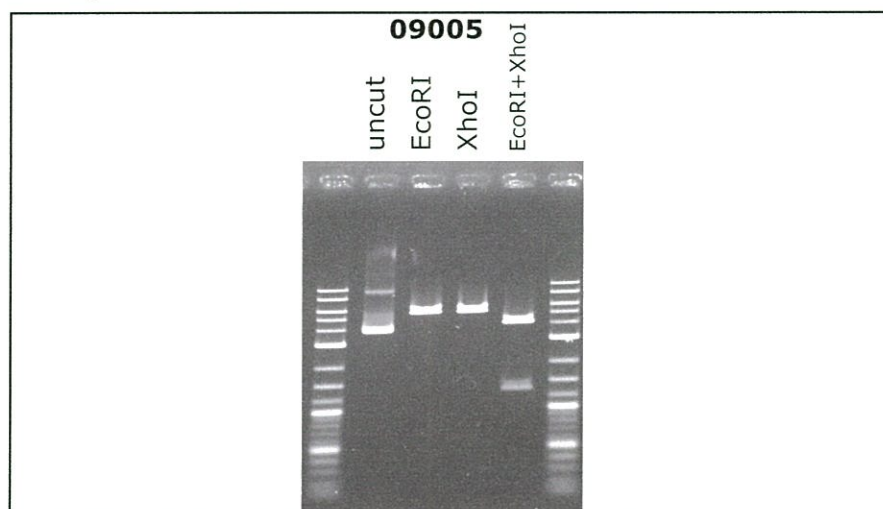
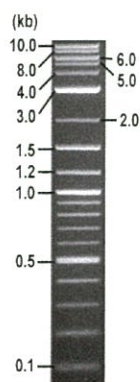


RIKEN DNA BANK

clone name : pMT-PURO2R

- Clone ID : RDB_09005
- Lot : 18945_B1Cu
- 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
EcoRI	5.5 kbp
XhoI	5.5 kbp
EcoRI+XhoI	4.1, 1.3 kbp
	kbp

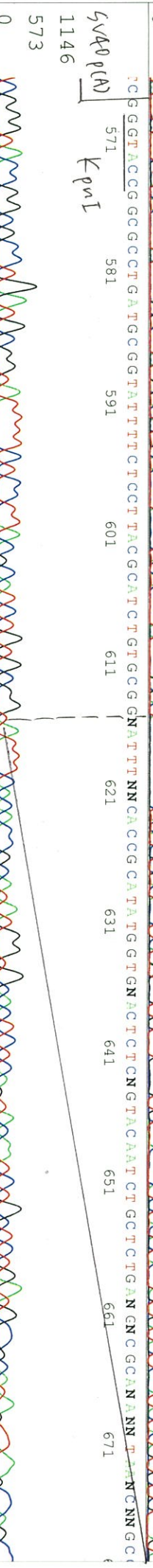
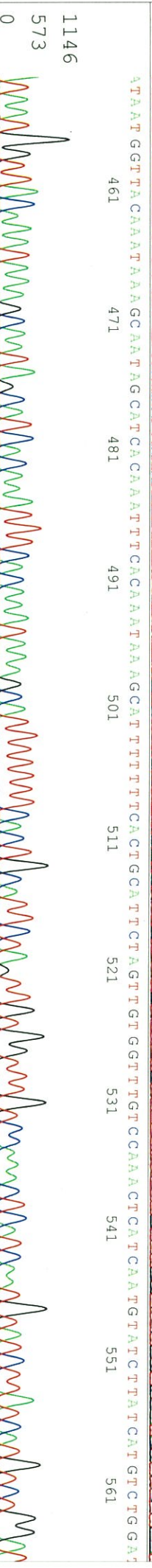
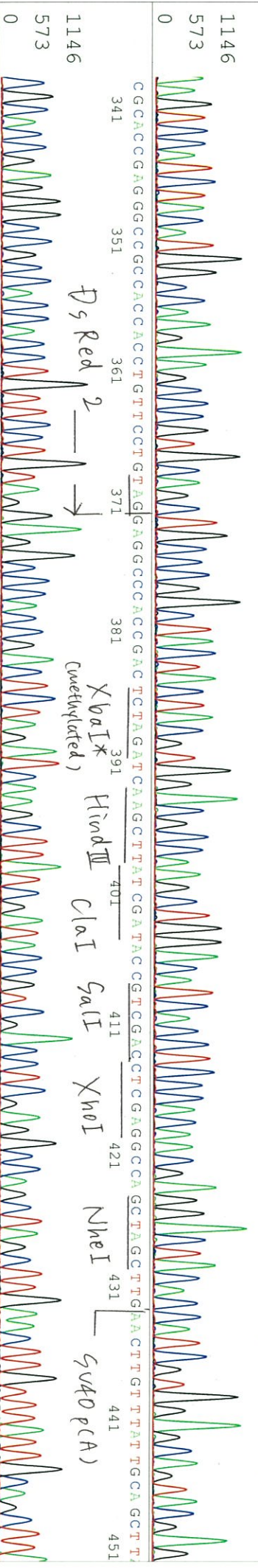
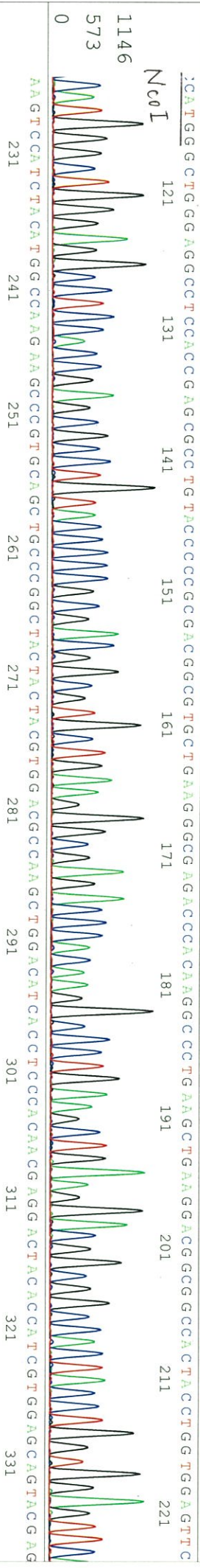
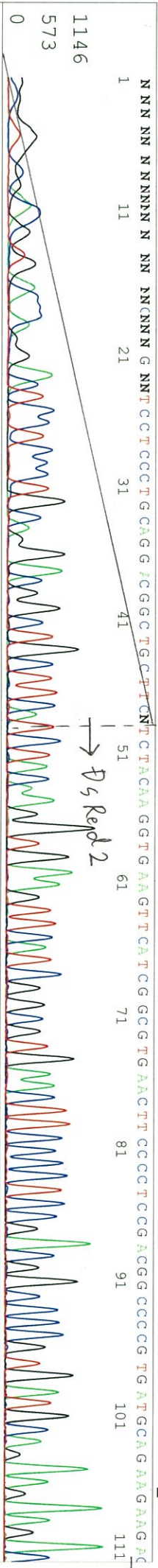
● Confirmation of the insertion sequence

Please be sure to check our sequence analysis results before your request.

Sequence name	Primer ID	Primer name	Confirmed feature
Sequence - A	Pr0443	mRFP1-inner1	DsRed2 3'
Sequence - B	Pr0554	PuroR_F	PuroR, DsRed2 5'
Sequence - C	Pr0259	COPIApro-F	copia pro, PuroR
Sequence - D	Pr0800	HB-NOS_R	MT pro, BiP signal sequence
Sequence - E	Pr0099	reverse	SV40 pA, 6xHis, V5 tag, BiP signal sequence
Sequence - F	-	-	-
Sequence - G	-	-	-
Sequence - H	-	-	-

APPROVED BY :



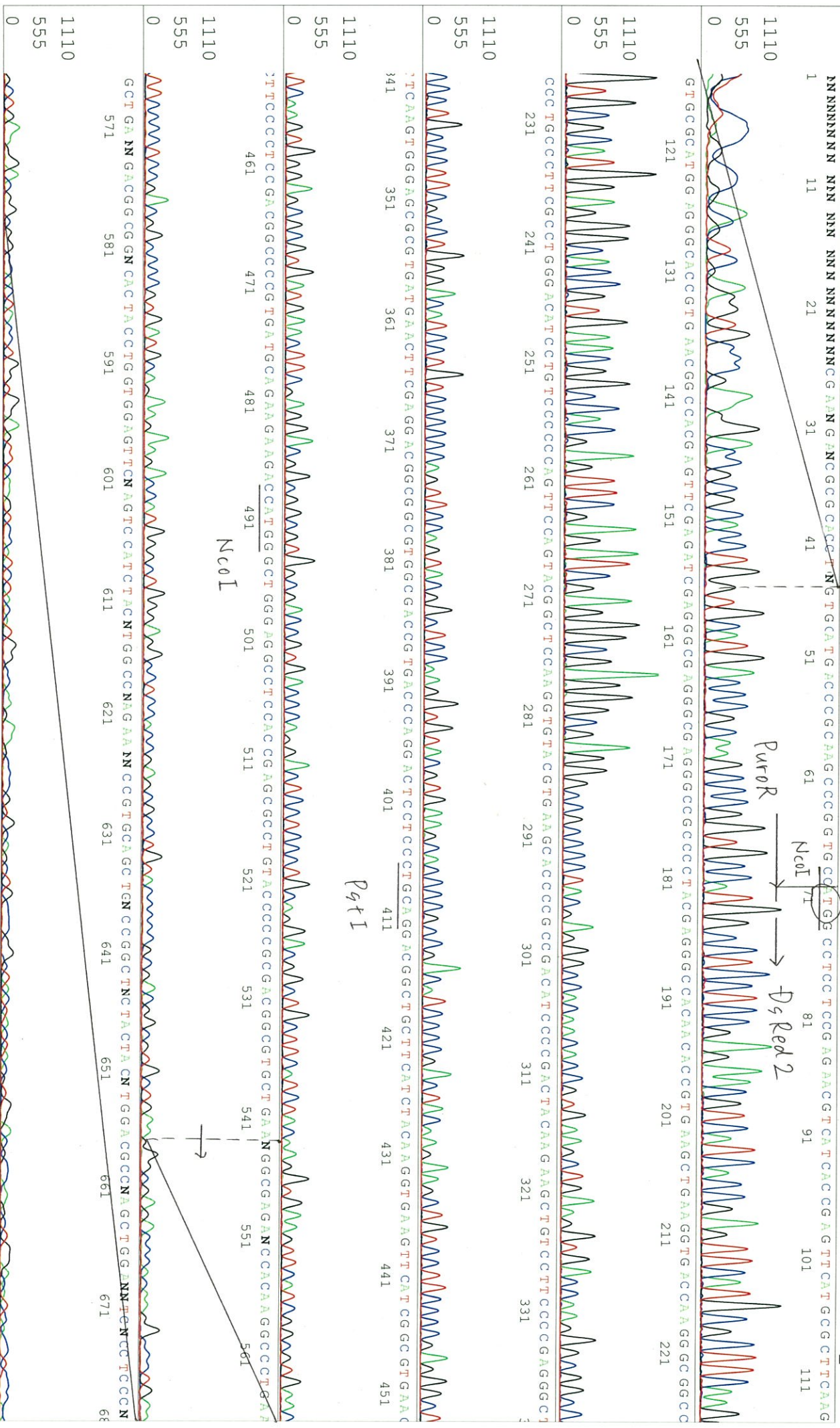


S/N:G:51 A:35 T:25 C:41
KB.bcp
KB 1.4.1.8 Cap:4

primer name *PuroR_F*
5'-AACCTCCCTTCTACGAGCG-3'

09005_18945_B1Cu_3_PuroR_F
KB_3500_POP7_BDTV3.mob
Pis 1716 to 8704 Pk1 Loc:1684
Version 6.0 HISQV Bases: 660

Apr 02, 2021 12:15PM, JST
Apr 02, 2021 12:30PM, JST
Spacing: 10.85 Pts/Panel1350
Plate Name: 20210402_dhbank



S/N G:59 A:42 T:40 C:59

09005_18945_B1Cu_3_COP1Apro-F

primer name C : COP1Apro-F

KB_3500_POP7_BDTV3.mob

KB bcp

5- TGAATGGCCACACCTTTATGCC -3'

Pis 1737 to 8704 Pk1 Loc:1705

Version 6.0 HISQV Bases: 659

Apr 02, 2021 12:15PM, JST

Apr 02, 2021 12:30PM, JST

Spacing: 10.98 Pst/Panel1350

Plate Name: 20210402_dnabank

KB 1.4:1.8 Cap:8

1 N N N N N N N N N N N N N N N C T T T N N N T T C C T T C T T T C C T T C T T G T A C C G T T T T T G C T G T A A G T A G G T C G T G G T G C T G T T G C A G T T G A A P T A A C T T A A A A T A T A A A T C A T A A A A C

→ copia pro

copia pro

PstI

EcoRI

PuroR

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

SaII

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

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

PuroR

J A C C G G C C C A N G A G A C C C C G C G T G T T C C T G C C A C C G T C N G C G T C T G C N C C G A C C A C C A G G G C A A G G N N N N N G G N N G C G C C C N N C N N G N T C C C C G G A N N N A N N N G G N C G A N C

S/N G:463 A:417 T:475 C:510

primer name D : HB-NOS_R

09005_18945_B1Cu_3_HB-NOS_R

Apr 02, 2021 12:15PM, JST

KB bcp

5'-TCTTCGCTATTACGCCAGCT-3'

KB_3500_POP7_BDTV3.mob

Apr 02, 2021 12:30PM, JST

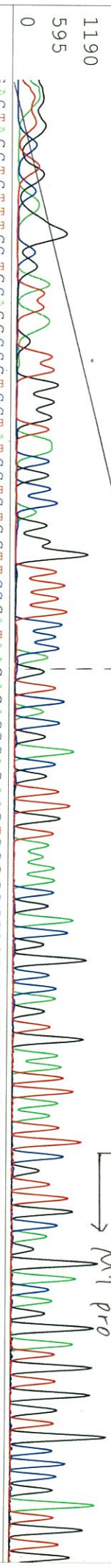
KB 1.4.1.8 Cap:6

Version 6.0 HISQV Bases: 668

Pis 1718 to 8704 Pk1 Loc:1686

Spacing:10.93 Pis/Panel1350

NNN N N NNN N NNN NNN N T T G G G T A N C G C C N G G G T T T T C C C A N G T C A C G A C G T T G T A A A C C G A C G C C C A G T G A A T T A A T T C G T T G C A G A C A G G A T G T G T G C C C G A T G T C



Pst I

MT pro

Nde I

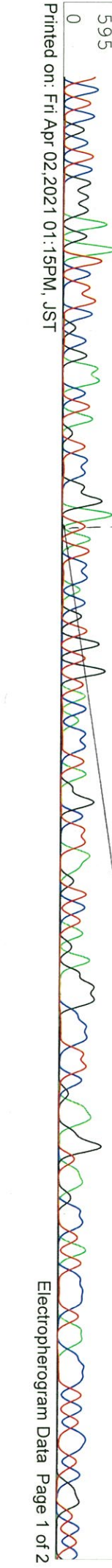
Hind III

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

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

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

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



Bq II

MT pro

Bam HI

BiP signal sequence

S/N G:897 A:875 T:1126 C:863
KB bcp
KB 1.4.1.8 Cap:7

primer name E : reverse
5- GGAAACAGCTATGACCATG-3'

09005_18945_B1Cu_3_reverse
KB_3500_POP7_BDTV3.mob
Pis 1705 to 8704 Pk1 Loc:1673
Version 6.0 HISQV Bases: 667

Apr 02, 2021 12:15PM, JST
Apr 02, 2021 12:30PM, JST
Spacing: 11.1 PIs/Panel1350
Plate Name: 20210402_dhbank

