

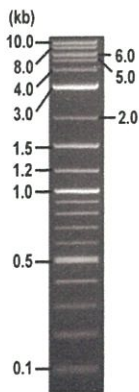


**RIKEN DNA BANK**

clone name : pGL4-phMMP3

- Clone ID : RDB \_ 07535
- Lot : 14425 \_ A6Kg
- 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 : 100 nanogram DNA per lane ; 1% agarose gel , 1 x TAE Buffer

Restriction enzyme	Expected size of fragment
<u>BglII</u>	<u>5.6</u> kbp
<u>XhoI</u>	<u>5.6</u> kbp
<u>BglII + XhoI</u>	<u>4.2, 1.4</u> kbp
	kbp
	kbp

● Confirmation of the insertion sequence

Sequence name	Primer name	Sequence name	Primer name
Sequence - A	pGL4-4174F	Sequence - E	-
Sequence - B	pGL4-136R	Sequence - F	-
Sequence - C	pAxCALNL_F1	Sequence - G	-
Sequence - D	-	Sequence - H	-



APPROVED BY :

S/N G:207 A:379 T:249 C:229

primer name A : pGL4-4174F

KB\_3500\_POP7\_BDTV3.mob

Dec 02, 2016 10:02AM, JST

KB.bcp

5-TAGCAAAATAGGCTGTCCCC-3'

Pis 1541 to 13787 PK1 Loc:1518

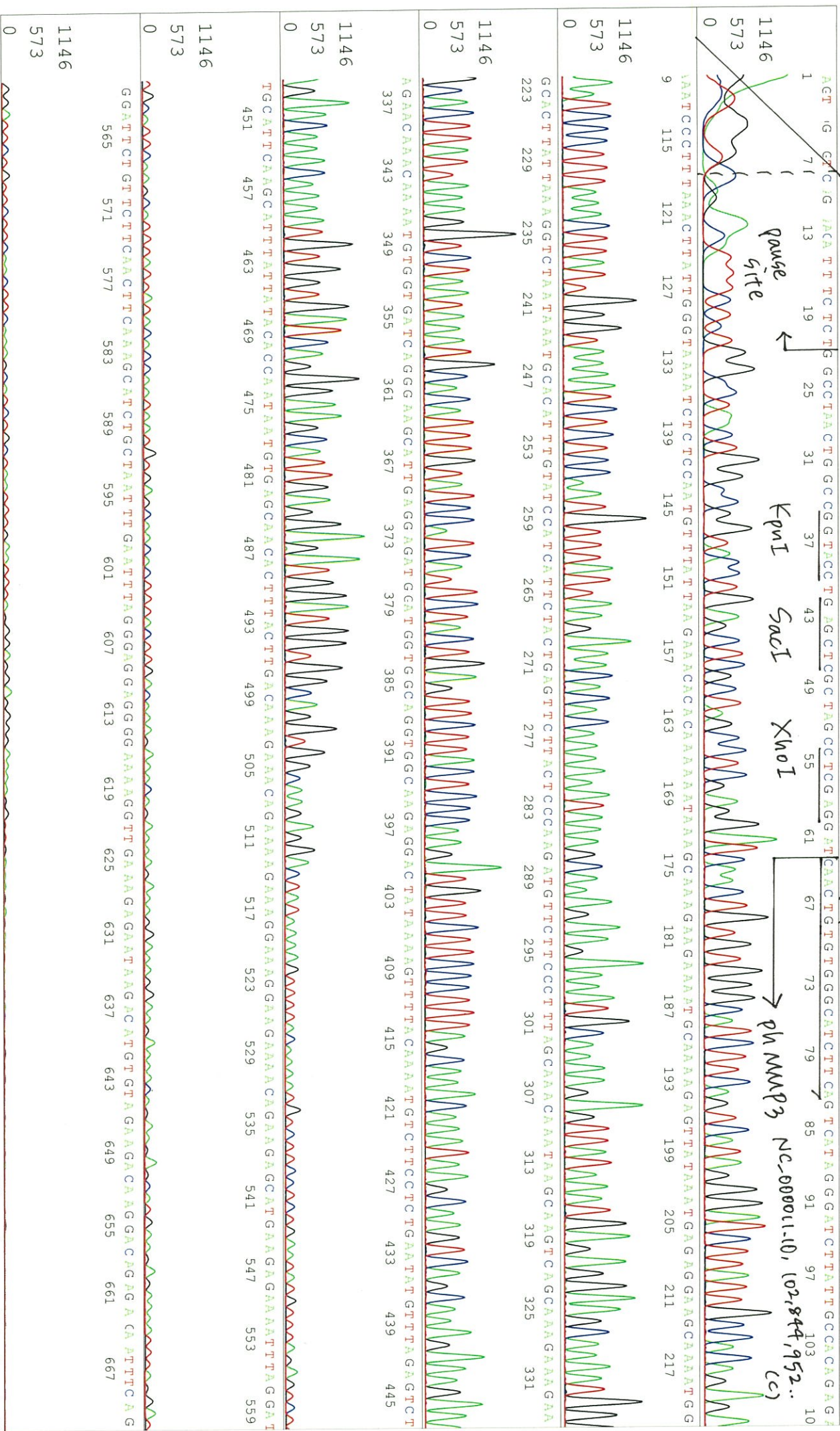
Dec 02, 2016 10:28AM, JST

KB 1.4.1.8 Cap:2

Version 6.0 HISQV Bases: 674

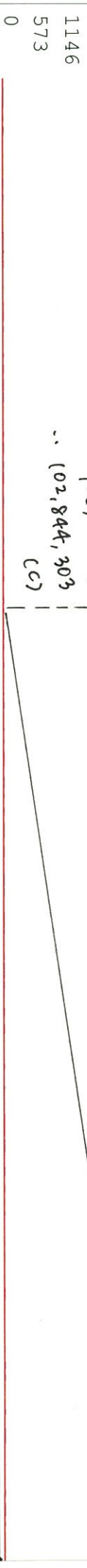
E-primer

Spacing:12.18 Pts/Panel1350



TCCGGTAAGCAATGTAAATTCATTTCATCTCTACAACTATTTTTATGGAAGCTTCGTGGCC  
 673 679 685 691 697 703 709 715 721 727 733

NC1  
 .. (02,844,303  
 (C)



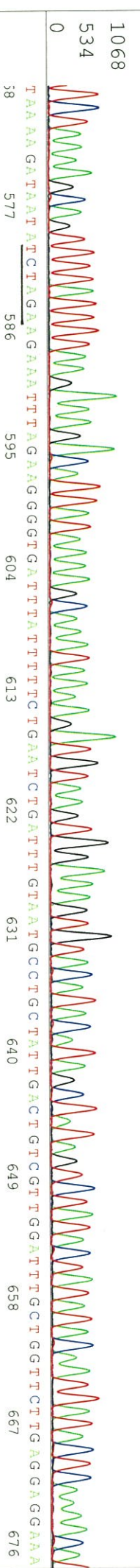
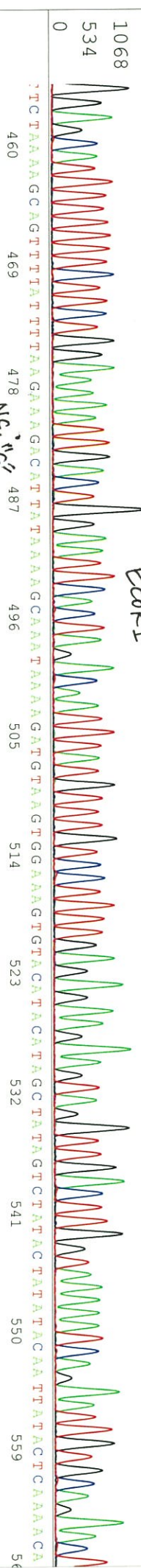
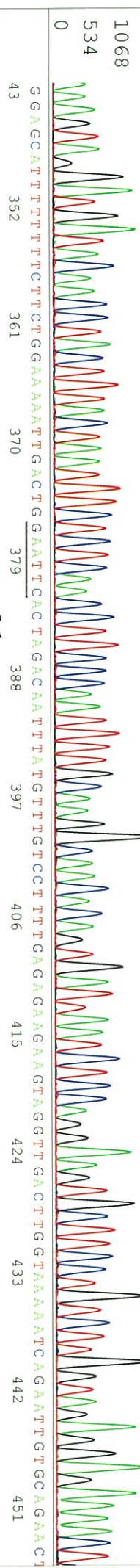
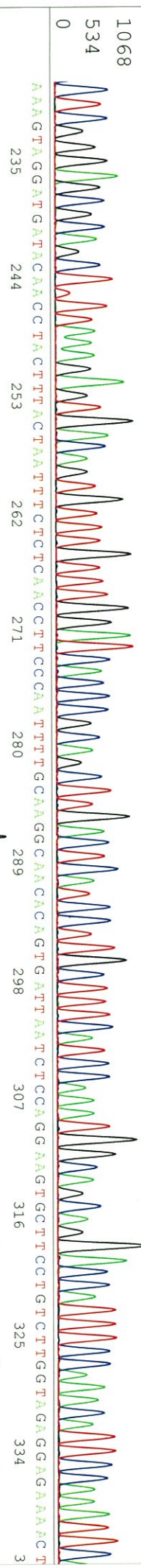
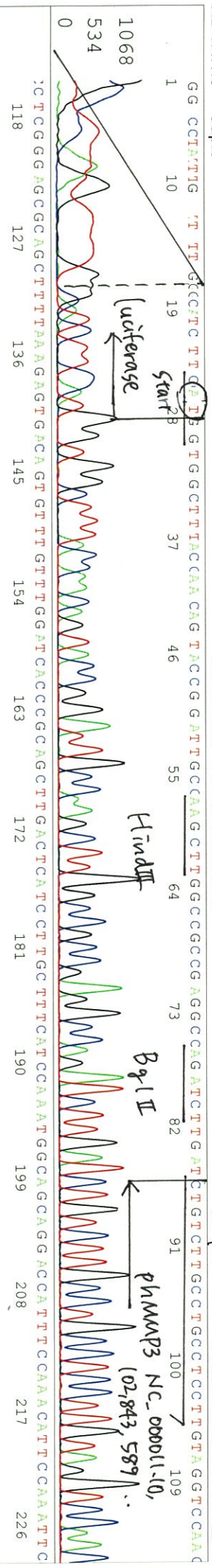
1146  
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1146  
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Apa I

685 694 703 712 721 730 739 748 757 766 775 784

1068 534 0

NCI  
102,844,326

CGTAGCTGCTCCATAAATAGTTGTA GAATTGAATGAATTA CAT TGC TTACCGGACTGAAAATCTCTCTGTCTCTGCTCTCA CACATGCTTATTTCTTTCT  
793 802 811 820 829 838 847 856 865 874 883 891

1068 534 0

AACTTTTTCCTCCCTCCCTAAAATTTCAATAGCAGATGCTTTGGAFGTTGAA GA CA GAAATCCATCCATAAATTTCTCTTTCA TGCCTCTTTCTGGTTT  
901 910 919 928 937 946 955 964 973 982 991

1068 534 0

CTTCC TTTCC TTTCTTTCTGTTCTTTGGTC AA GTAAA GTGGTTGCC TCA CA TTAATGGG TG TTTAAATTAATG CT TGG AAA TGG CAA  
1000 1009 1018 1027 1036 1045 1054 1063 1072 1081

1068 534 0

3AC TCTAACAATA TTTCA GA GG AAGA C TTTTTG TAAA ACC TTTAATAGGT CCTTC TTTCTTG CAC AA C  
1090 1099 1108 1117 1126 1135 1144

1068 534 0

TTGTG TC CA CACTATC  
1153 1162

Printed on: Fri Dec 02,2016 01:21PM, JST



S/N G:67 A:62 T:62 C:97

07535\_A6Kg\_1\_paxCALNL\_F1

Dec 02, 2016 10:02AM, JST

KB.bcp

KB\_3500\_POP7\_BDTV3.mob

Dec 02, 2016 10:28AM, JST

KB 1.4.1.8 Cap:8

Pts 1586 to 13619 PK1 Loc:1563

Spacing:12.17 Pts/Panel1350

Version 6.0 HiSQV Bases: 983

Plate Name: 20161202\_mlx

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1216  
608

0  
784 793 802 811 820 829 838 847 856 865 874 883

TGCCAAGTTGCTTA GGTCCGTACTTGTCCGATGAGAGTGCCTTAGCGAAGAAAGCTAAATAGTGTGGGCAACAACA GGGCAGATTGAATCTTATAGTCTTGCAGCC

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0  
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1216  
608

0  
991 1000 1009 1018 1027 1036 1045 1054 1063 1072

AAATGG C /C C C C C C T G A GG AT A G C G T G T C G G GAATG A T C TGGG TTTG CC G AA G A T GGGG T C G C G GGG C A TT G A C C T G AAA T C G G AAA

1216  
608

0  
1081 1090 1099 1108 1117 1126 1135

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

0  
1144 1153

CT C AA GTG G AA TCTCA (CA