

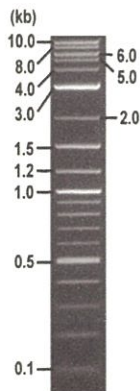


**RIKEN DNA BANK**

clone name : pCMFlag\_hslL6

- Clone ID : RDB \_ 06998
- Lot : 12822 \_ A4Gg
- 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

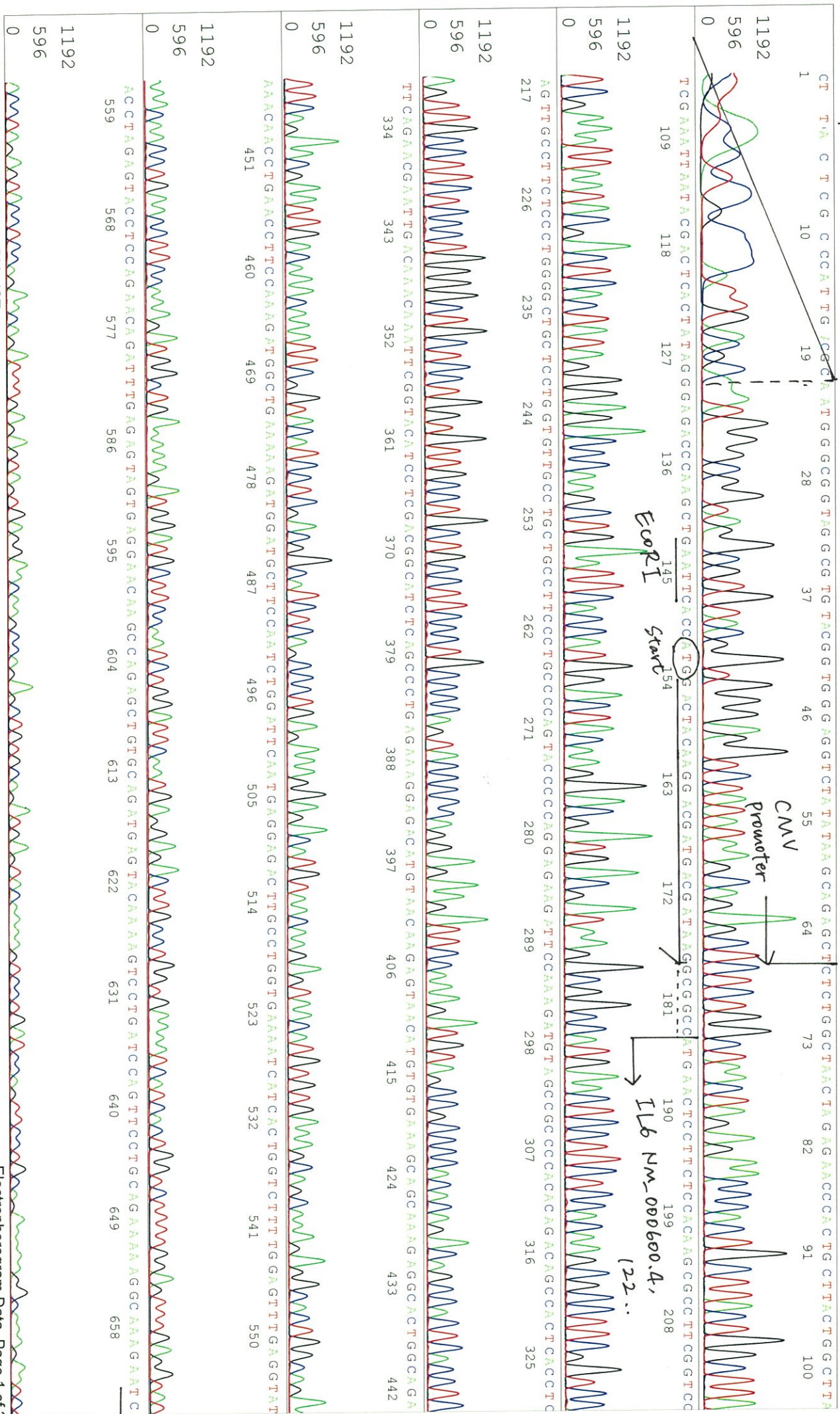
Restriction enzyme	Expected size of fragment
<u>BglII</u>	<u>6.2</u> kbp
<u>BamHI</u>	<u>4.1, 2.0</u> kbp
<u>EcoRI</u>	<u>4.6, 1.6</u> kbp
_____	_____ kbp
_____	_____ kbp

● Confirmation of the insertion sequence

Sequence name	Primer name	Sequence name	Primer name
Sequence - A	CMV-Forward	Sequence - E	-
Sequence - B	SV40pro_F_V2	Sequence - F	-
Sequence - C	-	Sequence - G	-
Sequence - D	-	Sequence - H	-

APPROVED BY :







S/N G:415 A:306 T:378 C:445

KB.bcp

KB 1.4.1.8 Cap:3

TAGATGCAATTAACCAACCCCTGACCCCAACCAAAATGCGAGCCCTGGACGAAAGCTGCAGGCAACAGACCAAGTGGCTGCAGGACATGACCACTCATCTC  
 667 676 685 694 703 712 721 730 739 748 757 766

1192 XbaI

596

CGCAGCTTTAAAGAGTTCCCTGCAGTCCCAAGCCGAGGGCTCTTCCGGCAAAATGTTAGGGCCCGTCGAGCATGCACTTAGAGGGCCCTAATTCTAATAGTG  
 775 784 793 802 811 820 829 838 847 856

IL6

PM, .960

Stop

XhoI

XbaI

0

CACCTAAAGTGGTAGAGCTCGCTGATCAAGCCGCGAGCTGGTGGCTCTCTAGTTGCCAGCCCATCTGTTGTTGCCCCCTCCCCCGTGGCCCTT  
 365 374 383 392 401 410 419 428 437 446

BGH P(A)

1192

596

CCTTGAACCTGGGAA CGTGGCCAC TCCCACTGGTCCCTTTCCCTAA TAAA TGA GG AAA TTTGGCA TCGCA TTGTTT  
 955 964 973 982 991 1000 1009 1018 1027 1036

FGAGTTA G TG TTCAA T T C T A CT CC T GG G G GG A T GG G GG T G G G T C AA GG A CCA AG C C A  
 .027 1036 1045 1054 1063 1072 1081

1192

596

A G G

1192

596

0







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

57 676 685 694 703 712 721 730 739 748 757 766  
G A T A T T G C T G A A G A G C T T G G C G G C A A T G G G C T G A C C G C T T C C T C G T G C T T A C G G T A T C G C G A G C G A T C C G C C T T C T A T C G G C C T

775 784 793 802 811 820 829 838 847 856 865  
T C T T G A C G A G T T C T C T G A G C G G G A C T C T G G G G T T C G A A A T G A C C G A A C C T G C C A T C A C G A G A T T C G A A T T C C A

874 883 892 901 910 919 928 937 946 955  
C C G C C C G C C C T T C T A T G A A A G G T T G G G C T T C G G A A T C G T T T T C C C G G A C G C C C E G C T E G G A T G A T T C C T T C C C A G C G C G

964 973 982 991 1000 1009 1018 1027 1036  
G G G G A T C T C A T G C T G C T T T T C C C G G A C G C C C G G C T E G G A T G A T T C C T T C C C A G C G C G

1045 1054 1063 1072 1081 1090  
T A A T A A A T G  
1099

