

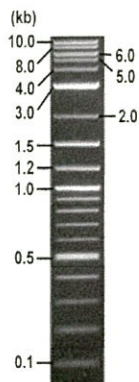


RIKEN DNA BANK

clone name : pCMFlag\_hsNanog

- Clone ID : RDB \_ 06601
- Lot : 12819 \_ A4Gb
- 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 : 47 nanogram DNA per lane ; 1% agarose gel , 1 x TAE Buffer

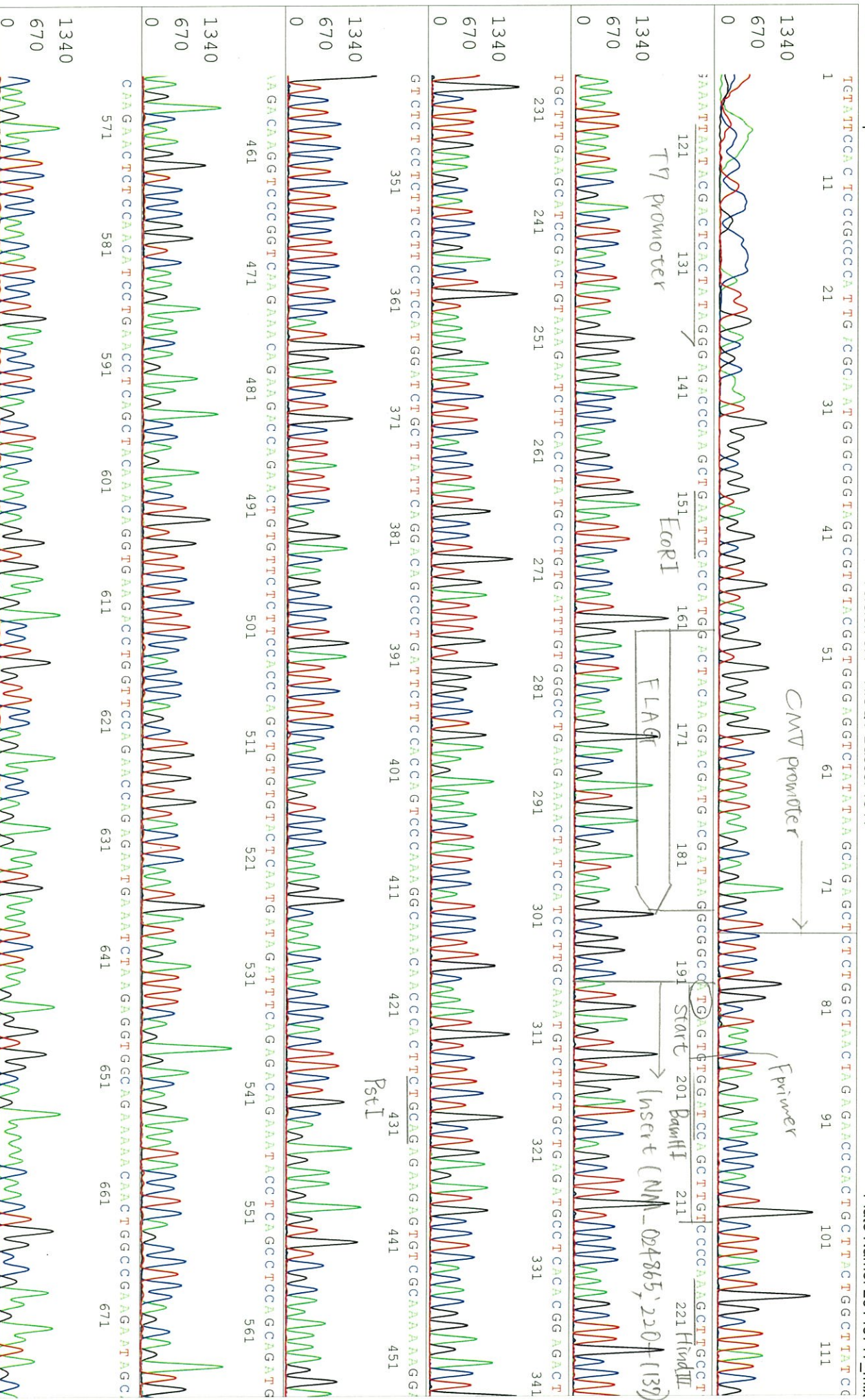
Restriction enzyme	Expected size of fragment
<u>BglII</u>	<u>6.4</u> kbp
<u>ScaI</u>	<u>4.2, 2.2</u> kbp
<u>BamHI</u>	<u>3.1, 2.0, 1.2</u> kbp
	kbp
	kbp

● Confirmation of the insertion sequence

Sequence name	Primer name
Sequence - A	CMV-Forward
Sequence - B	BGH_rev
Sequence - C	-
Sequence - D	-

APPROVED BY :





S/N G:28 A:21 T:17 C:14

primer name R : BGHrev

06601\_12819\_A4Gb\_BGHrev

Jul 17, 2014 09:24AM, JST

KB.bcp

5'-TAGAAGGCACAGTCGAGG-3'

KB\_3500\_POP7\_BDTV3.mob

Jul 17, 2014 09:51AM, JST

KB 1.4.1.8 Cap:4

SP6 promoter

Pts 1318 to 13499 PK1 Loc:1295

Pls 1318 to 13499 PK1 Loc:1295

1 TTTCCACTCCAAATTTTGGGTGTAAGATACGATTAAGGCCCCTCTAGATCCATGCTCGAGCGGCCCTCCACCGTCTTCAAGTTGCATGGAGTAGTTTGAATTAATCCATTGGT  
 11 21 31 41 51 61 71 81 91 101 111  
 XbaI XhoI  
 stop  
 Insert (NM\_024865) : 220-(137)  
 R primer  
 181 191 201 211 221 231  
 G  
 (silent)  
 A (silent)

