

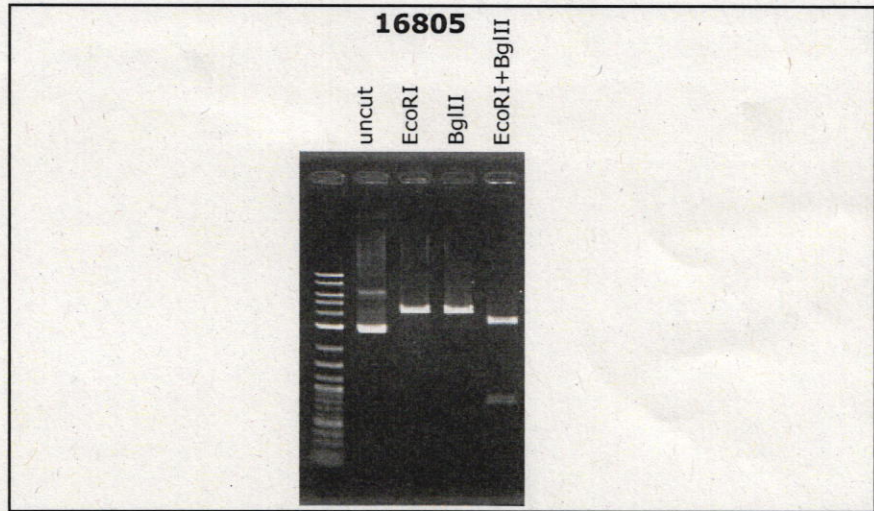
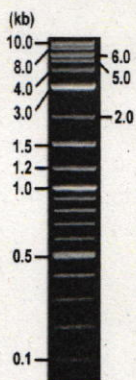


RIKEN DNA BANK

clone name : pMK344 (Hygro-P2A-mAID)

- Clone ID : RDB _ 16805
- Lot : 16805 _ A8Lp
- 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
<u>EcoRI</u>	<u>4.3</u> kbp
<u>BglII</u>	<u>4.3</u> kbp
<u>EcoRI+BglII</u>	<u>3.4, 0.8</u> 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	Pr0310	pUC-M13_-100	T7 pro,HygR
Sequence - B	Pr0099	reverse	Linker,mAID,P2A,HygR
Sequence - C	-	-	-
Sequence - D	-	-	-
Sequence - E	-	-	-
Sequence - F	-	-	-
Sequence - G	-	-	-
Sequence - H	-	-	-

APPROVED BY :



S/N G:73 A:47 T:39 C:53

KB.bcp

KB 1.4.1.8 Cap:1

primer name A : pUC-M13_-100

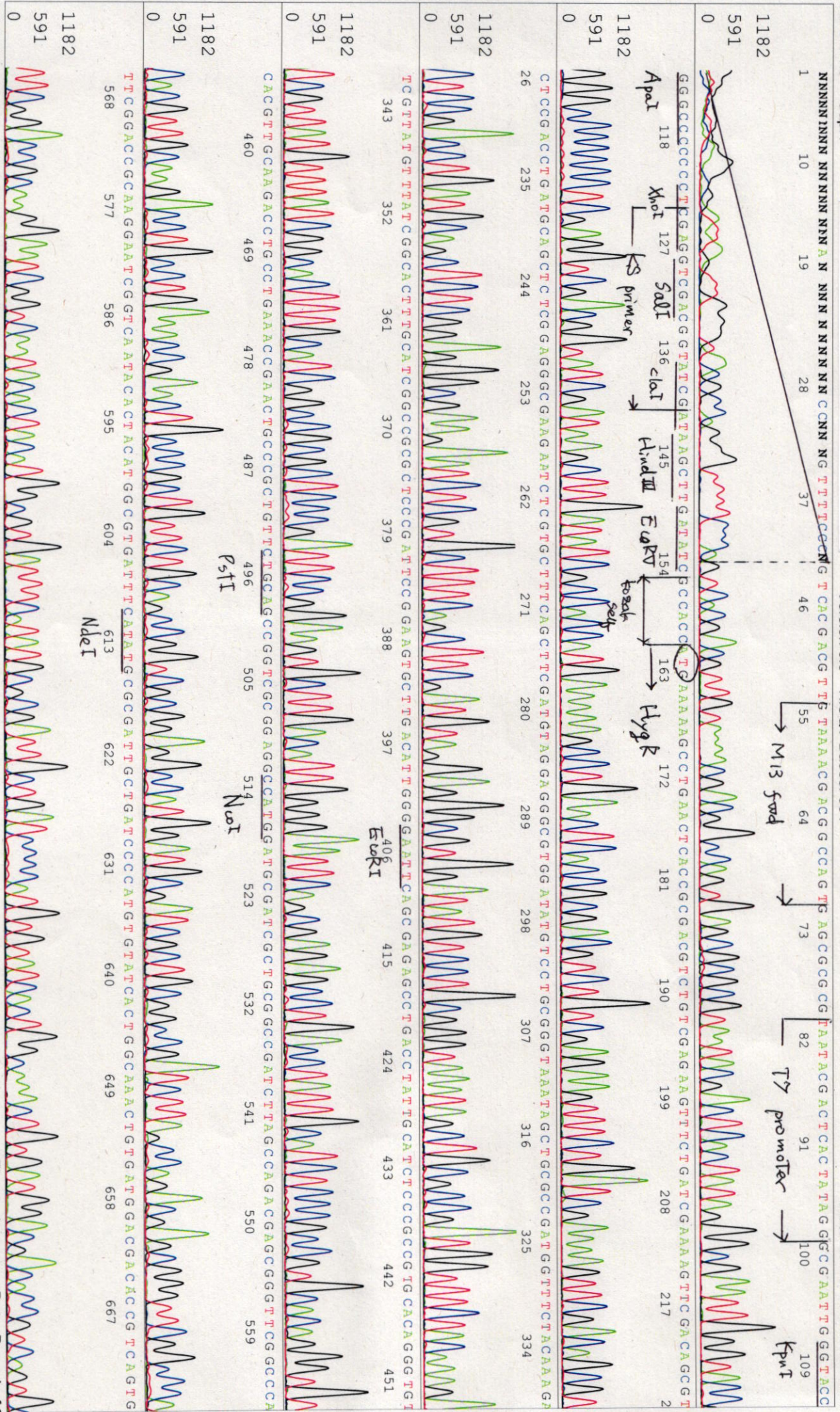
5'-ATTACGCCAGCTGGCGAAAGG-3'

Version 6.0 HSQV Bases: 881

M13 fwd

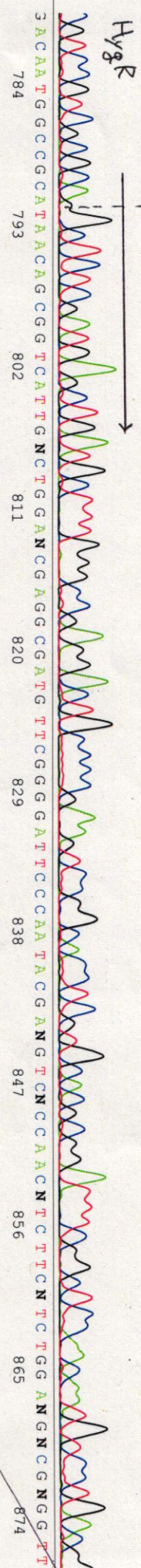
T7 promoter

Kpnt

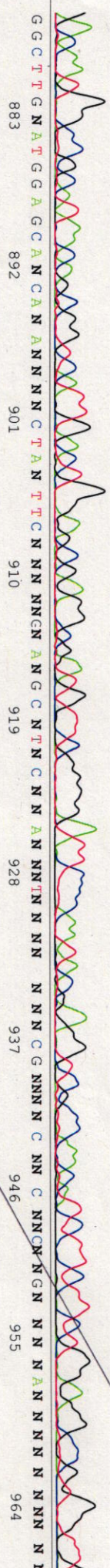


CGTCCGTCGCGGCA|N|GGCTCTCCGATGAGCTGTGATGCTTTGGGGCCGAGGACTGGCCCGGAGATCCCGGCACTCGTGCACGCGGATTTCCN|GCTCCNACAAATGTCCTGACG

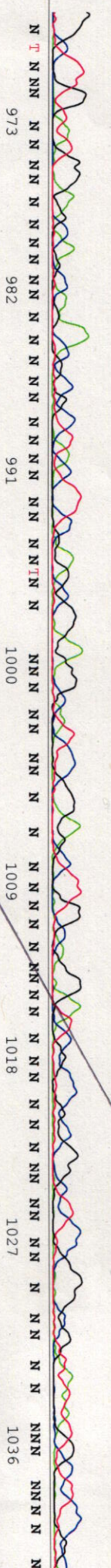
1182 HygR



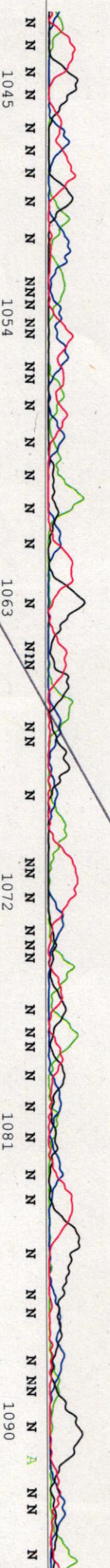
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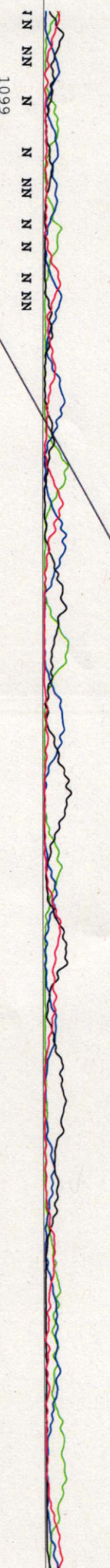
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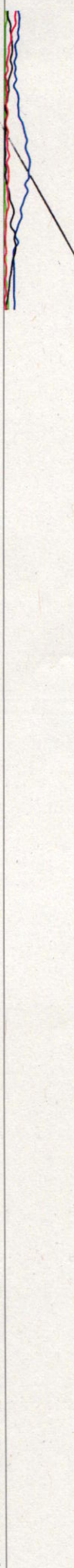
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1182



1182



S/N G:81 A:71 T:62 C:82
 KB.bcp
 KB 1.4.1.8 Cap:4
 primer name *P* : reverse
 5'-GGAACAGCTATGACCATG-3'

