

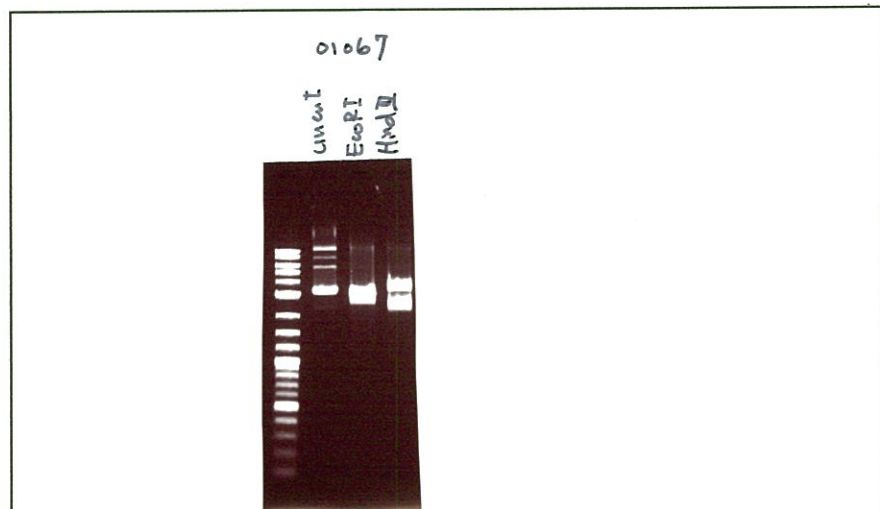
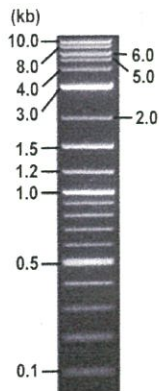


RIKEN DNA BANK

clone name : pAMC3.0

- Clone ID : RDB \_ 01067
- Lot : 12278 \_ A3Jh
- DNA Concentration : 25 nanogram/microliter
- Volume : 40 microgram
- 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 : 52 nanogram DNA per lane ; 1% agarose gel , 1 x TAE Buffer

Restriction enzyme	Expected size of fragment
<u>EcoR I</u>	<u>2.9, 3.2</u> kbp
<u>Hind III</u>	<u>2.5, 3.5</u> kbp
_____	_____ kbp
_____	_____ kbp
_____	_____ kbp

● Confirmation of the insertion sequence

Sequence name	Primer name
Sequence - A	M13(-40)
Sequence - B	Reverse2
Sequence - C	
Sequence - D	

APPROVED BY :



S/N:G:595 A:522 T:538 C:4: primer name A : M13\_-40

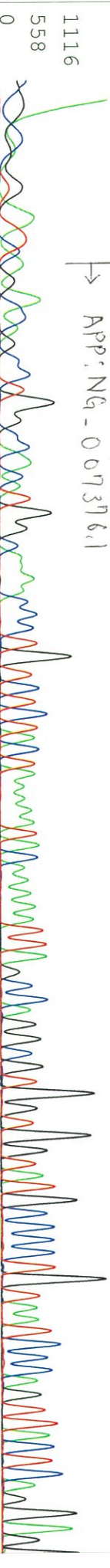
KB.bcp

KB 1.4.1.8 Cap:13

5'-GTTTTCGCCAGTGCAGCAGCGTTGTA-3'

APP: Nq - 0 0 7 3 7 6.1

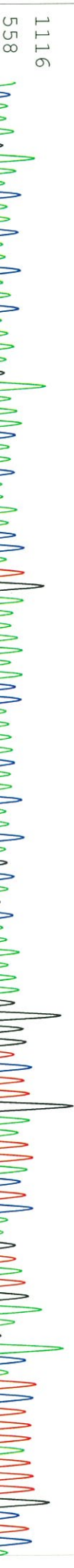
CCG (CG) ATCGATGCCGCTGGCCACATGGCGFAAACCCCTGCTCTACTAAATAACAAAATTA GCCAGCGCTGGTGGTATGCCCTGTACTCAGGAG  
1 11 21 31 41 51 61 71 81 91 101



GCTGAGAGTGAGGTAGGAAATCGCTTGAACTGGGAGGTGGAGGTTGCAGTGAAGCGGAGATCATGCCACTGCACCTCCAGCCTGGGTGAAAGAGCAAGACTCCATCTCAAAA  
111 121 131 141 151 161 171 181 191 201 211 221



ACAAA GAAACAACAACAACAAA GAAAAACAACAAACCATGAAAAAAACCAAAACAACGACGCAAAAAAGGGTCTTGAAATTACTCAAATATGAAATCTTATTTGGCTC  
231 241 251 261 271 281 291 301 311 321 331



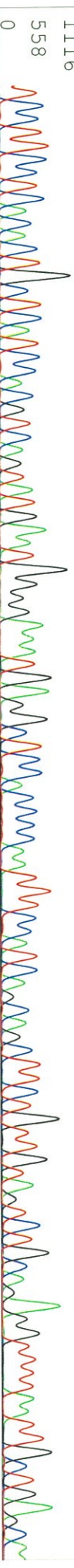
AATATGGAATTAATTTTAAATAATTAATTTGAAGCA GAAATGAAATTAAGCTGATTAATGAAAACCTACTTCACTGTTTGGAGGACATAAGCTTAGATTACTCAC  
341 351 361 371 381 391 401 411 421 431 441 451



AAAAAGTGCAATGGCCAAACATGACAGTGGGTCATGCTTTATGTGCTCACACTGTGATCTATGGTCAAGTCCGTTCCCTTCCACCCTGCTGCCCTGTTCTTGGTT  
461 471 481 491 501 511 521 531 541 551 561



TTCCTTCCACCACTGCTCATCCACCGTCA GTATGAATGGGAAATGAGGTTCCACCCTTCCATCAAGCAAGCTTCTGTTGTAATGCTGAGCA  
571 581 591 601 611 621 631 641 651 661 671





S/N:G:866 A:837 T:8 primer name B : Reverse-2

KB.bcp

KB 1.4.1.8 Cap:16

5'-GGCGATAACAATTTTCACACAGG-3'

