

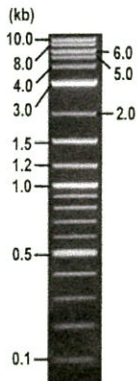


RIKEN DNA BANK

clone name : mMiCy1/pRSETB

- Clone ID : RDB _ 15241
- Lot : 15241 _ A7H9
- 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>XbaI</u>	: <u>3.6</u> kbp
<u>HindIII</u>	: <u>3.6</u> kbp
<u>XbaI + HindIII</u>	: <u>2.7, 0.9</u> kbp
	: kbp
	: kbp

● Confirmation of the insertion sequence

Sequence name	Primer name	Sequence name	Primer name
Sequence - A	T7_20bp	Sequence - E	-
Sequence - B	-	Sequence - F	-
Sequence - C	-	Sequence - G	-
Sequence - D	-	Sequence - H	-

APPROVED BY :



Version 6.0 HISQV Bases: 988

FTACCAAGATGCCCA GTTACACTCCCACTTACCAAAACAGAGAAGCCCA GTCCCAATGCCCCCGAGTCA TGTCCGTAGAACA TCAAAAT TGTGAGGACCGACCTGGCCAAAC

676 685 694 703 712 721 730 739 748 757 766 775

TGCAAAAGGCTTC AAGGTC AAGC TGG AAGAACATGCTGAGGCTTCATGTTAA C C C TTTG AAGGT TAAATTAAC TCTTTTCAAGATGGAAGCACTTTCAATACTTAC

784 793 802 811 820 829 838 847 856 865 874

AAATCAACGTC TGAATTCG AAGC TTGATCCGGCTGCTAA CAAA GCG AAGCTGAGTTGGCTGGCCACC GCTGAGCAA TAACTA GCAAT

892 901 910 919 928 937 946 955 964 973

EcoRI HindIII

mMicy1 stop

AA CCCC TTTGGGG CC TCTAAAC GGTCTTG A GGGG TTTT TTTG C TGA AA A GG A GG A C TATATCC GGATCTG CCGTAA TAA GCGG

982 991 1000 1009 1018 1027 1036 1045 1054

AGAGCCGGCCAGATTCGCTTCTA C TAG CTA CAG TGC GCGCAG CC TG TA TGA C G A TTGGGGG A

1063 1072 1081 1090 1099 1108

CGCGCCCGCGG

1117

0

1214

607

0