

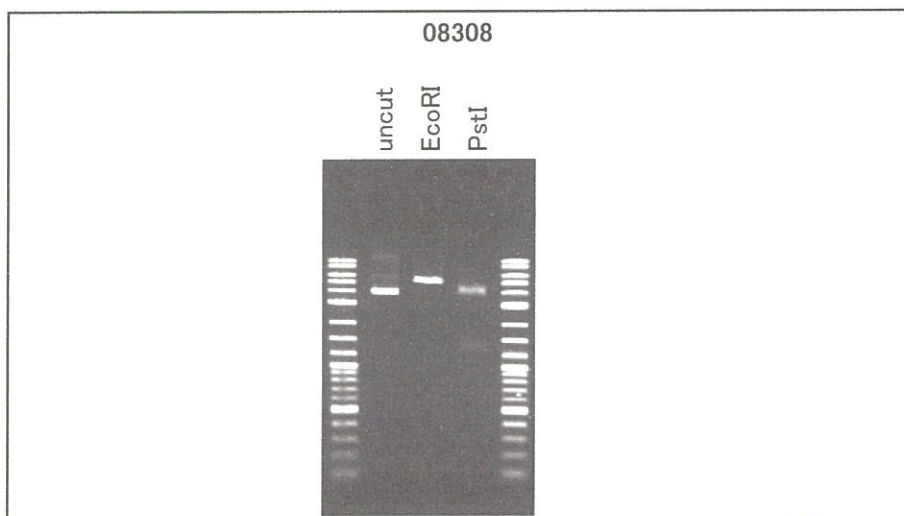
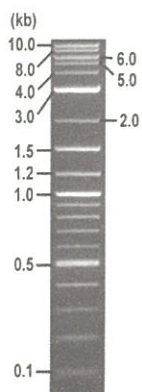


RIKEN DNA BANK

clone name : pET25b_Tr-egl1-His

- Clone ID : RDB _ 08308
- Lot : 08308 _ A5Ii
- 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 : 42 nanogram DNA per lane ; 1% agarose gel , 1 x TAE Buffer

Restriction enzyme	Expected size of fragment
<u>EcoRI</u>	<u>6.9</u> kbp
<u>PstI</u>	<u>5.2, 1.7</u> kbp
_____	_____ kbp
_____	_____ kbp
_____	_____ kbp

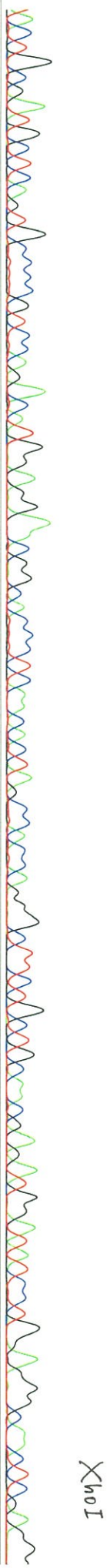
● Confirmation of the insertion sequence

Sequence name	Primer name	Sequence name	Primer name
Sequence - A	T7_20bp	Sequence - E	-
Sequence - B	f1ori_R3	Sequence - F	-
Sequence - C	-	Sequence - G	-
Sequence - D	-	Sequence - H	-

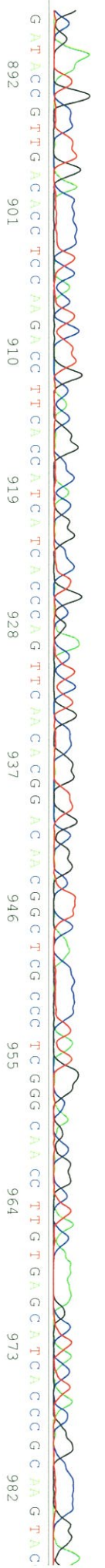


APPROVED BY :

TACTGGCGATGCTGCTCAAGTGGCCCCGCTCCAGACATGGAGGAAAGCGGCAACCTCAACATAGCCCAACGGGGCTTCTGCTGCACAGAGATGATATCTTGGAAGGCAACTCGAAGG



3CGAATGCCCTTGACCCCTCACTCTTGCAAGGCGGCGGCGGCTGCGACCTGCGCGGTTGGCGGGCTTCAACCCCTATGGGCAAGCGGCTAACAAAAGCTAACCGGCGCGG



GATACCGGTTGACACCCTCCAAAGAACCTTCAACATCAACAACCGGATTCACCAACGGAAACCGGCTCGCCCCTCGGGCAACCTTGTTGAAGCATCAACCCGCAAGTAA



CAGCAAAA CEGCGTCTGACATCCCGAAGCGCCAGCCC GGCGGAGACCACTCTCTGCTGCAGGTCGTCTGAGCCATAAGCGGCGG

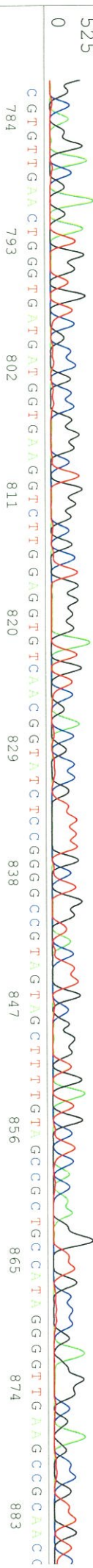


CGCA C C A T G G G C A A G T C C T G A G C C / G C G C A T G T G C T C G T G A T C A G C C A A T T G G G A A C G G A A C



SalI

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



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



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

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

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

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

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