

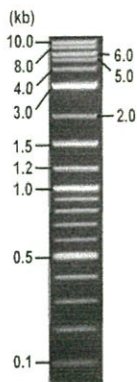


RIKEN DNA BANK

clone name : pStMuPEP1 (WT)

- Clone ID : RDB_15713
- Lot : 15713_A7Lc
- 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),
250 ng/well



Electrophoresis : 100 nanogram DNA per lane ; 1% agarose gel , 1 x TAE Buffer

Restriction enzyme	Expected size of fragment
<u>BglII</u>	<u>5.8</u> kbp
<u>PstI</u>	<u>4.3, 1.5</u> kbp
<u>BglII+PstI</u>	<u>4.0, 1.5, 0.4</u> kbp

● Confirmation of the insertion sequence

Sequence name	Primer name	Sequence name	Primer name
Sequence - A	pBR_BamHI_R2	Sequence - E	-
Sequence - B	lacIpro_F	Sequence - F	-
Sequence - C	-	Sequence - G	-
Sequence - D	-	Sequence - H	-

APPROVED BY :



SN G:292 A:386 T:311 C:35 primer name A : pBR_BamHI_R2

KB.bcp KB_3500_POP7_BDTV3.mob

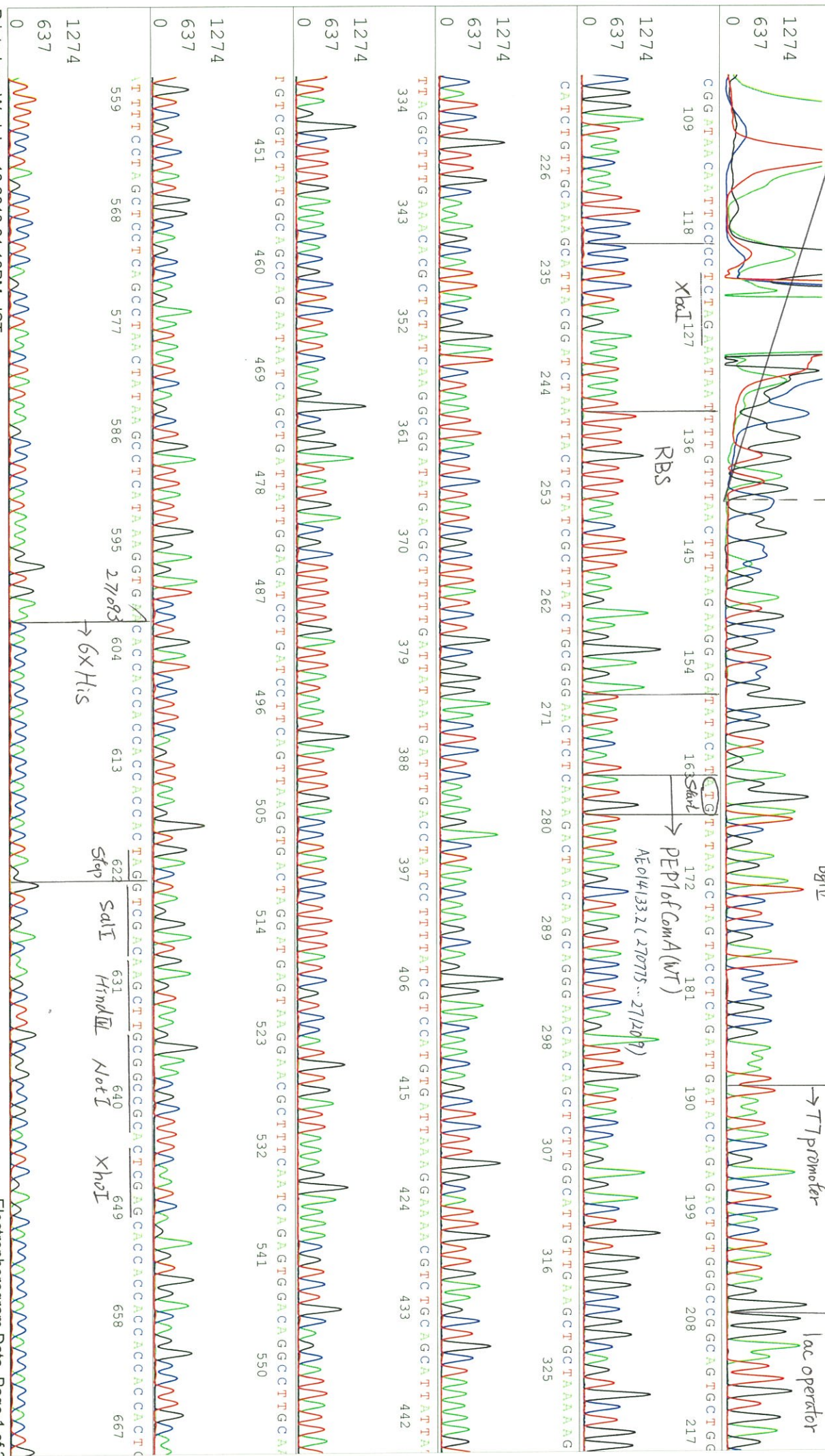
Jan 10, 2018 10:34AM, JST

KB 1.4.1.8 Cap:2 5'-ATGTCGGCGATATAGCGGC-3'

Pls 1358 to 13147 PK1 Loc:1335

Spacing:11.83 Pls/Panel1350

Version 6.0 HISQV Bases: 999





CTCACCTCCGCAATCAATAATTCAGCCCGATTA GCCGAAACGGGAAGGC GACCTGGAGTGGCCCATGTCCCGGTTTCCAAACAATAACCA TGCAAAATGCC TGAATGAGGGCAATCCGTTCCCACTG

1434
717

CGATGCTGTGGTCCAAAGATCAGATGGCCGTGGCCGCAATGC GCGCCATTACC GAGTCCGGGCTGGCCGTTGGGTGGGATATCGAAGATA
784 793 802 811 820 829 838 847 856 865 874

1434
717

CCGAAAGACAGCTCATGTATTATCCCGCCGTTAA CCAACCATCAAA CAGGATTTTCGCCCTGGGGCAAA CCAAGCTGGACCGCTTGCGAATCTCTC
13 892 901 910 919 928 937 946 955 964 973

1434
717

AGGGCCCAEGCGEGTGAAA GGC AAAATCAGCTTGTTGCCCGTCTCACTGG TGA AAAAG AAAAAA CC ACCCTGG CCGCC AA TACGC AAATCCCG C
82 991 1000 1009 1018 1027 1036 1045 1054 1063

1434
717

TCTCCCCGCGCGTTGGCCC GA TTTCA TATGCCAGCC TGGG CCA CGACAGGTTTCCCGAC TGGAATGAGGGCAATCCGTTCCCACTG
1072 1081 1090 1099 1108 1117 1126 1135

1434
717

: CGGGG CCAA TGGGAGGC
1144 115:

1434
717