

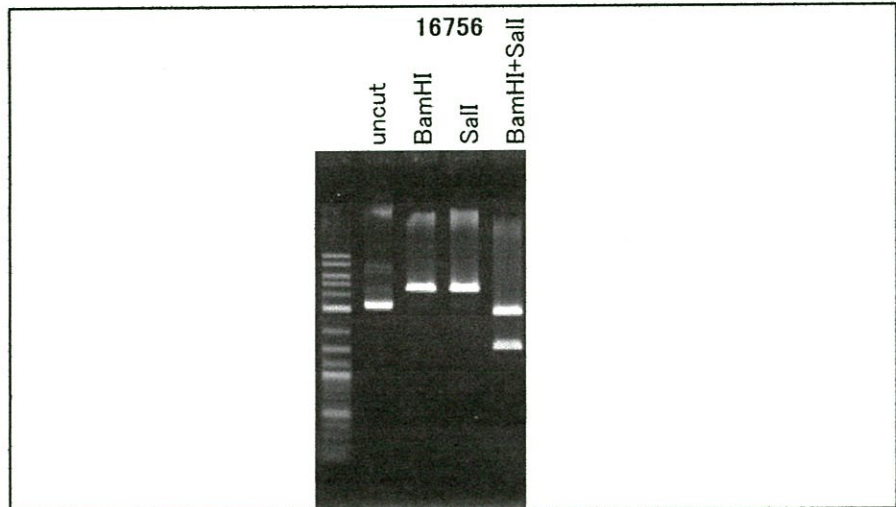
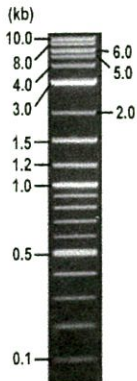


RIKEN DNA BANK

clone name : Yeast CYP51F1(erg11)m/pBKS-

- Clone ID : RDB_16756
- Lot : 16756_A8K1
- DNA Concentration : 25 nanogram/microliter
- Volume : 40 microliter
- Form : DNA solution in TE buffer
- Host : DH5alpha
- 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>BamHI</u>	: <u>4.5</u> kbp
<u>Sall</u>	: <u>4.5</u> kbp
<u>BamHI+Sall</u>	: <u>1.9, 1.6</u> kbp
_____	: _____ kbp
_____	: _____ kbp

● Confirmation of the insertion sequence

Sequence name	Primer name	Sequence name	Primer name
Sequence - A	M13_-40	Sequence - E	-
Sequence - B	reverse2	Sequence - F	-
Sequence - C	-	Sequence - G	-
Sequence - D	-	Sequence - H	-

APPROVED BY :



S/N G:31 A:33 T:30 C:28

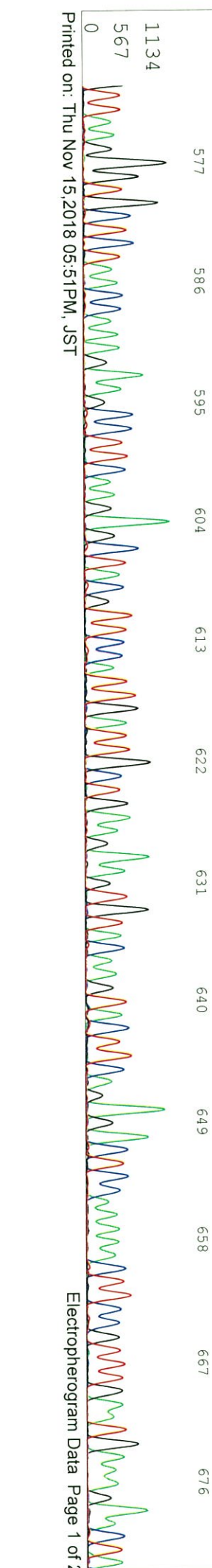
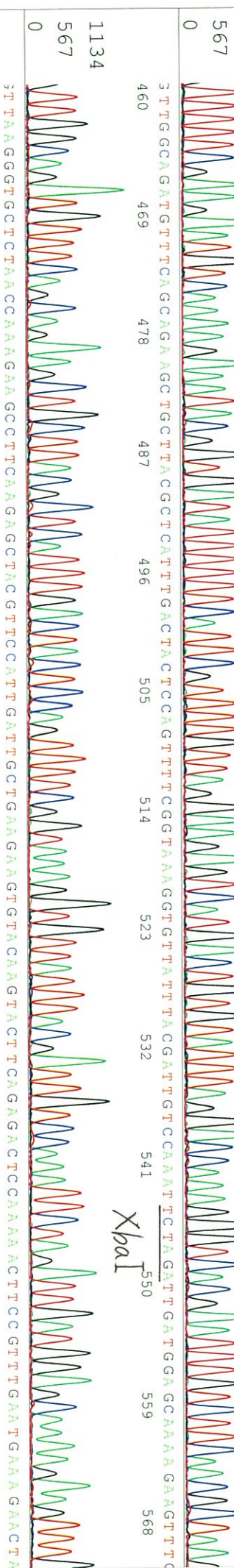
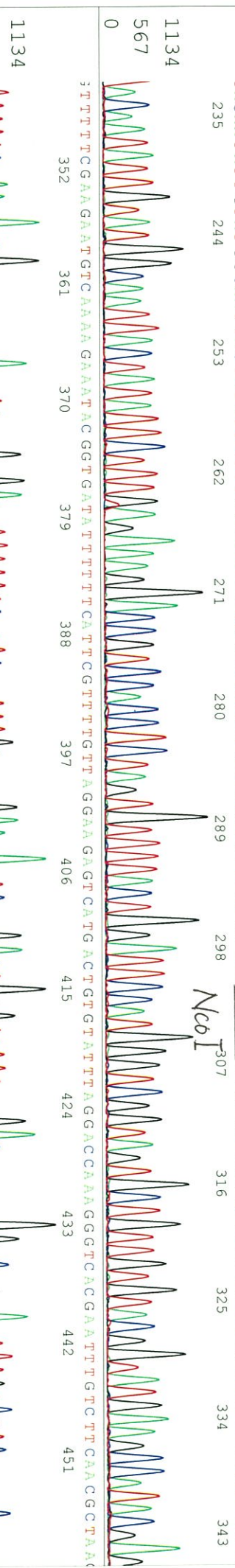
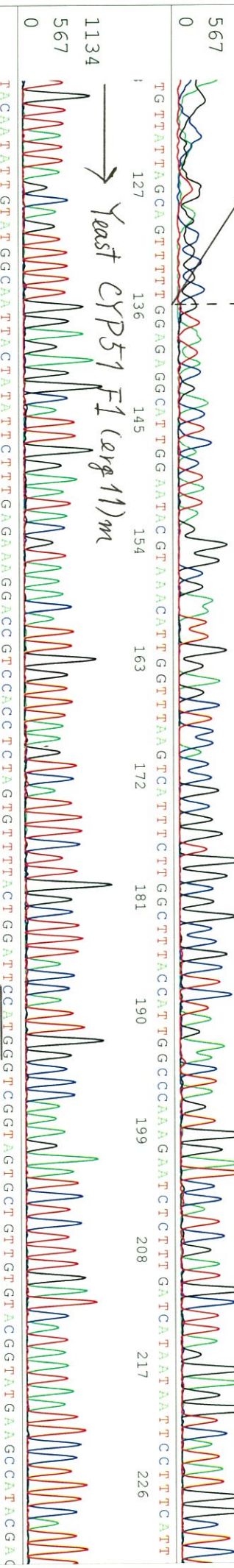
primer name A : M13_-40

KB.bbp

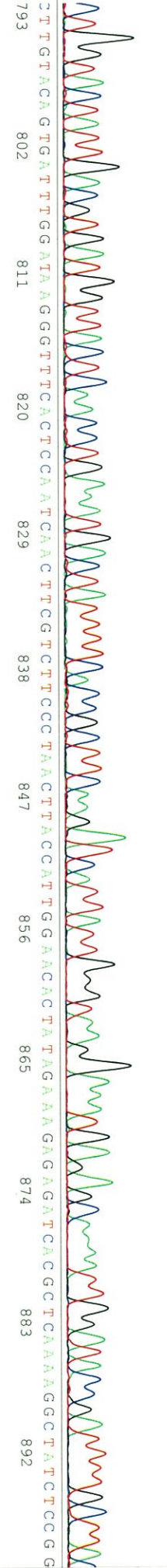
5'- GTTTCCAGTCACGACGTTGTA -3'

KB 1.4.1.8 Cap.11

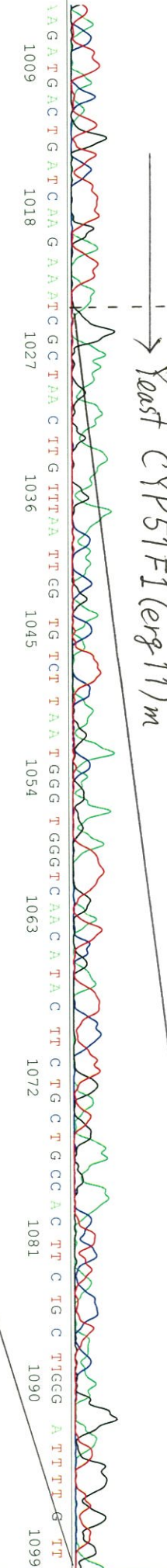
Yeast CYP51 F1 (arg11)m



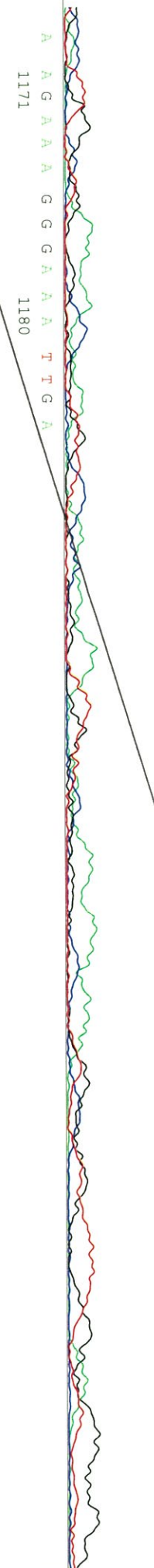
C T G G T A C T A T T T G A C C G T G A T G G T T A C T C A A C C T G A A A T G A C T A T T T T C A C C C G C T T C A A G A T C A T T A T T G G G T A A G G A A A T G A G A G C A A A A T T G G A T A C C G A T T T T G C T T A



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



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



G C A C T T G G C T G A A A G A C C f g G A A T G T C C A C A G A T G T A C G A A G A A C A A A T G C C T T T T T G A T G G G T G G

S/N G:134 A:174 T:134 C:138

primer name B : reverse-2

KB_bcp

Nov 15, 2018 02:17PM, JST

KB 1.4:1.8 Cap:14

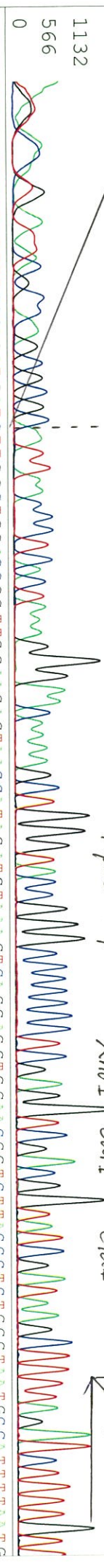
5'-GCGGATAACAATTTCACACAGG-3'

Version 6.0 HISQV Bases: 1031

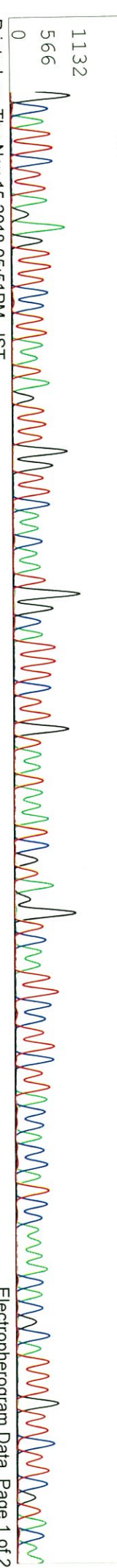
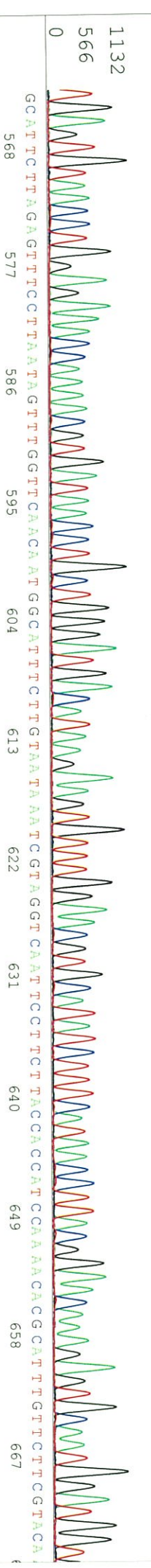
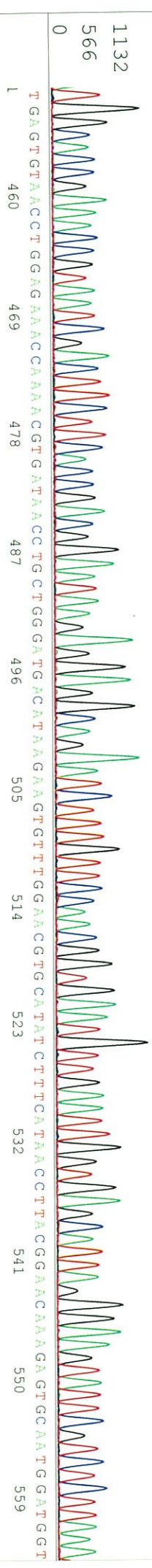
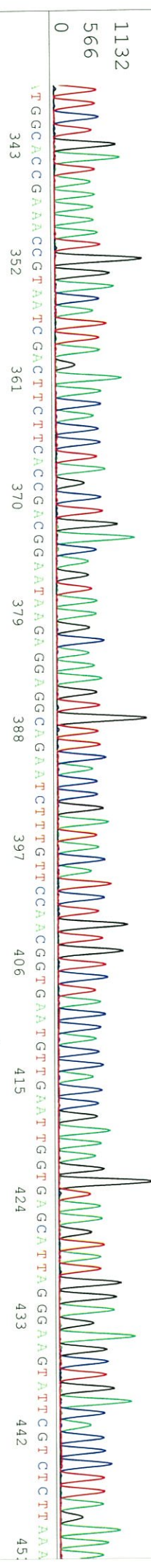
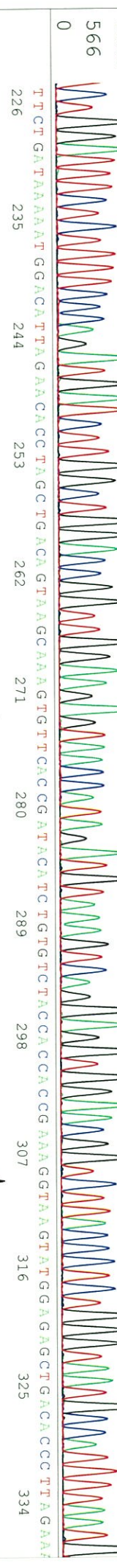
Nov 15, 2018 02:45PM, JST

1 10 19 28 37 46 55 64 73 82 91 100 109

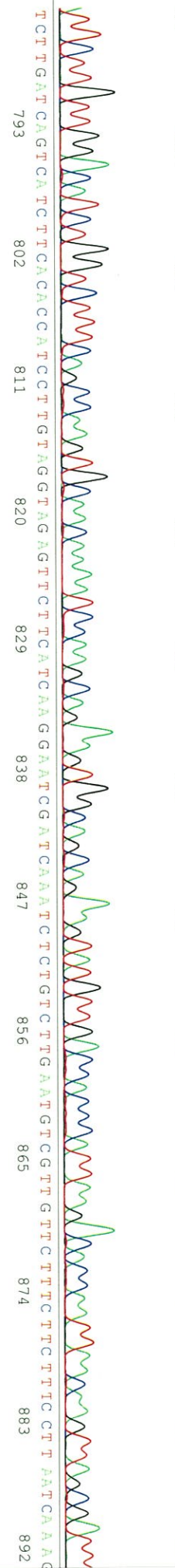
KpnI Apal XhoI SalI ClaI HindIII Bp/II



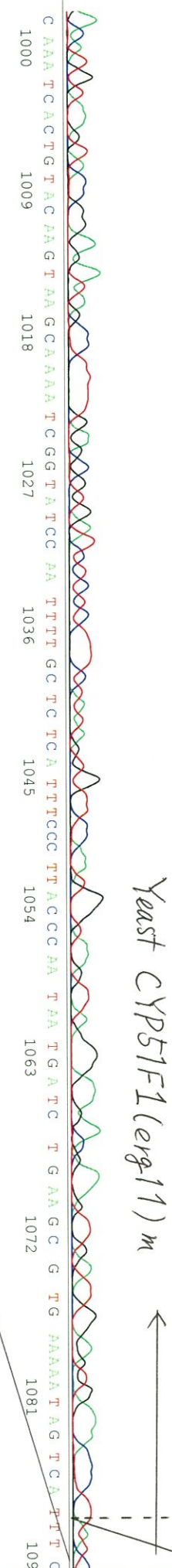
Yeast CYP51 F1 (erg11)M



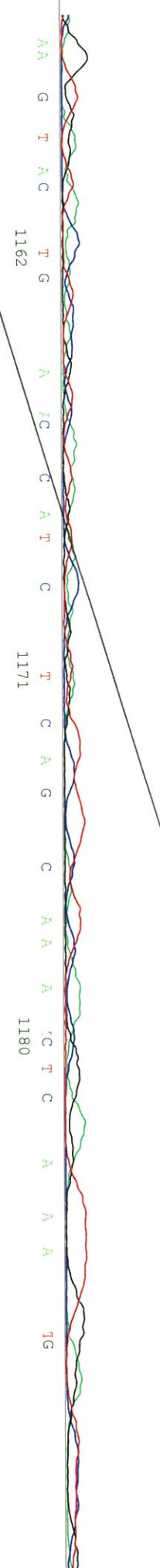
ATTCCTGGTGGACATCTGGTCTTTCAGCCCAAAGTGCAACAAAATCCAAAGCAAAAGTGGCAGCAAGAGTATTGTTGACCACCCCATTTAAAGACCAATTAACAAAGTTAAGCGAAT



TCTTGATCAAGTCACTCTTCAACCAATCCCTGTAGGTAGAGTCTTCAATCAAGAAATCGATCAAAATCTCTGCTTGAATGTCGTTGTTCTTTCCTTCCTTAAAG



ACATGTAAGTACCGGAGATAGCCCTTTTGAAGCGTGATCTCTCTTCTATAAGTGTTCCTCAATGGTAAAGTTAGGGAAGACGAA GTTGATTGGAGTGAACCCCTTAA



C AAA TCAC TG TAC AA G TAA G CAA AAA TCGG TATCC AA TTTT GC TC TCA TTTCC TTAACCC AA TAA TGA TCTG AAAGC G TGA AAAA TAG TCA TTT C

Yeast CYP51F1 (erg11) m

