

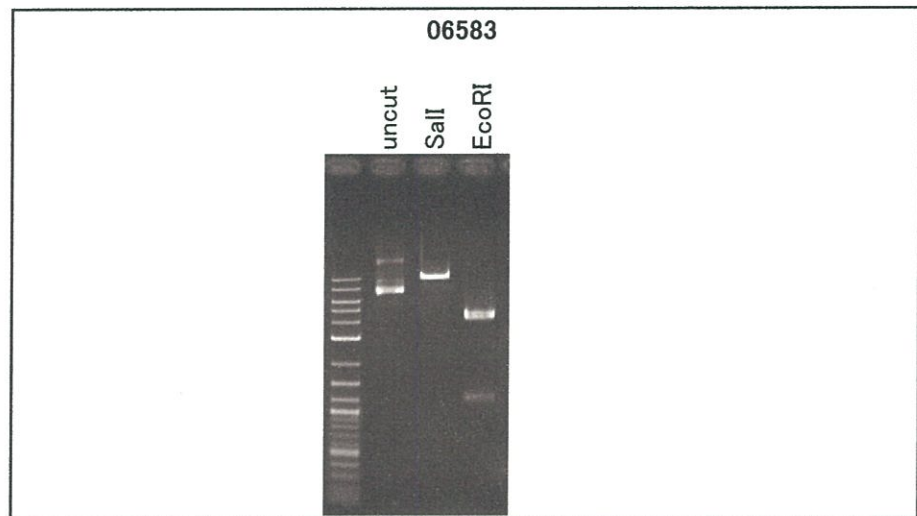
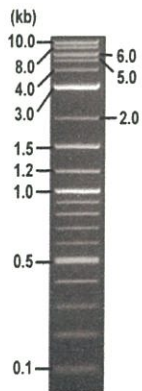


RIKEN DNA BANK

clone name : pHFG1

- Clone ID : RDB _ 06583
- Lot : 14472 _ A6L7
- 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>Sall</u>	<u>9.6</u> kbp
<u>EcoRI</u>	<u>4.3, 4.1, 1.2</u> kbp
_____	_____ kbp
_____	_____ kbp
_____	_____ kbp

● Confirmation of the insertion sequence

Sequence name	Primer name	Sequence name	Primer name
Sequence - A	nmt1Fw	Sequence - E	-
Sequence - B	nmt1ter_R	Sequence - F	-
Sequence - C	f1ori_R3	Sequence - G	-
Sequence - D	LEU2pro_F	Sequence - H	-

APPROVED BY :



SN G:20 A:34 T:33 C:25

primer name A : nmt1Fw

KB_bcp

Jan 17, 2017 01:47PM, JST

KB 1.4.1.8 Cap:1

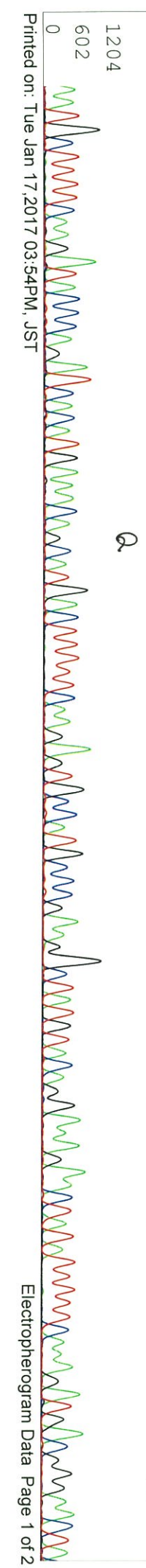
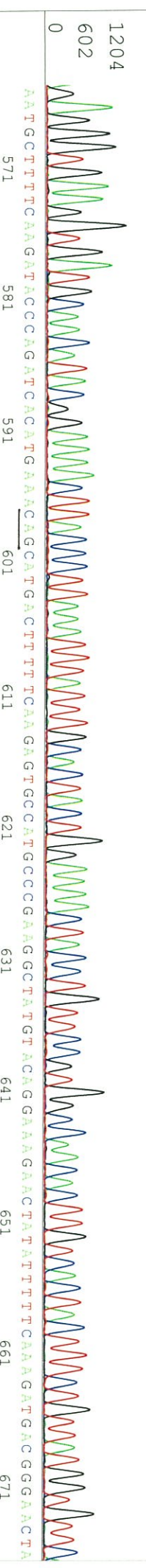
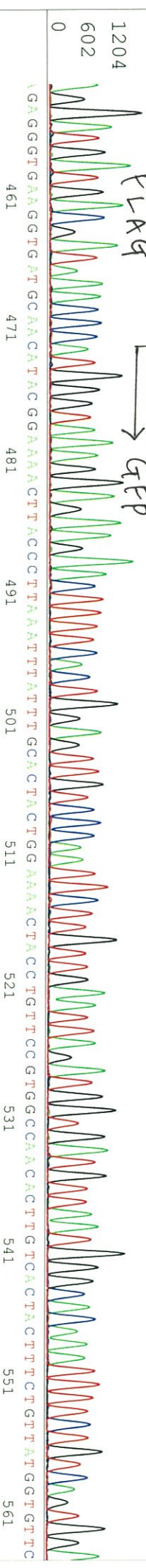
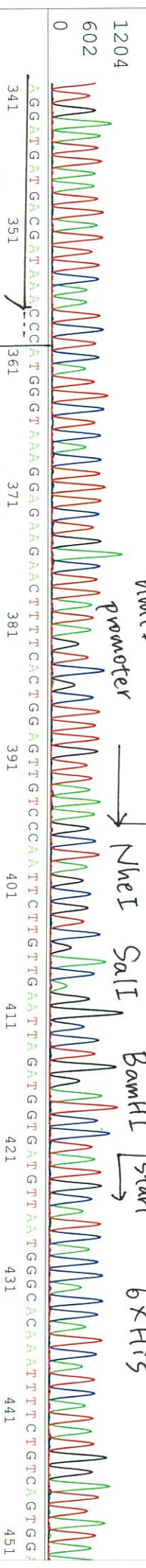
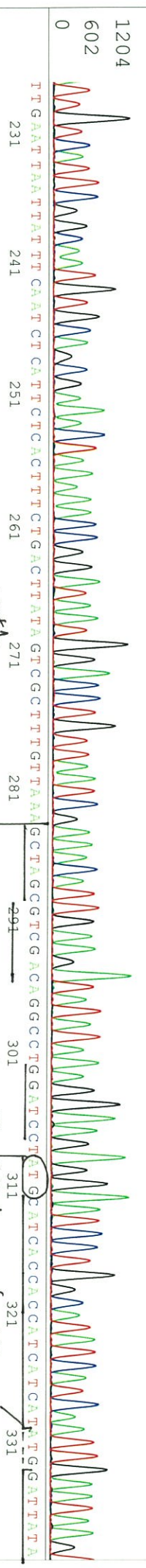
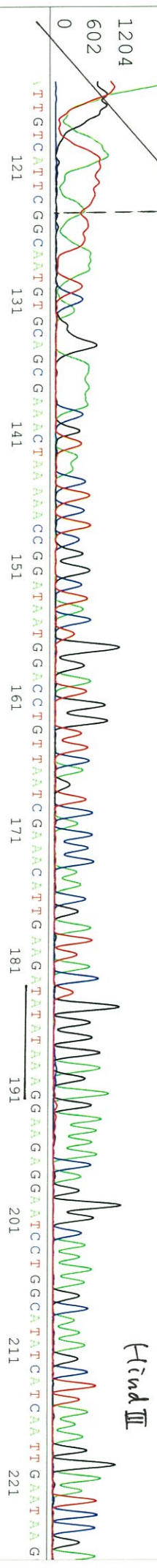
5'- GCTGTA AAAACACCACGAGAC -3'

Pis 1362 to 13767 Pk1 Loc:1339

Jan 17, 2017 02:13PM, JST

1 11 21 31 41 51 61 71 81 91 101 111
 A T G A / A / A / T / T / A / T / T / A / T / C / A / G / G / A / A / A / C / G / T / A / A / C / T / C / T / C / G / G / C / T / A / C / T / G / A / T / G / T / T / C / A / G / T / C / A / C / C / A / C / G / A / T / T / A / C / T / G / G / G / G / A / G / A / A / A / C / A / G / G / C / A / A / A / G / C / A / A / A / G / C / T / T / A / A / G / G / A / A / T / C / C / G /

Hind III



S/N G:60 A:87 T:106 C:81

primer name B : nmt1ter_R

KB_bcp KB_3500_POP7_BDTV3.mob

Jan 17, 2017 01:47PM, JST

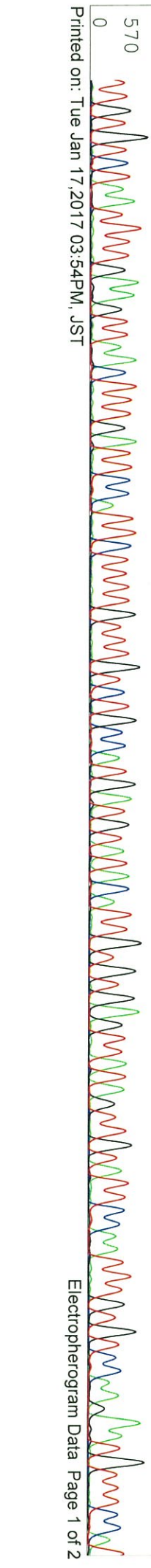
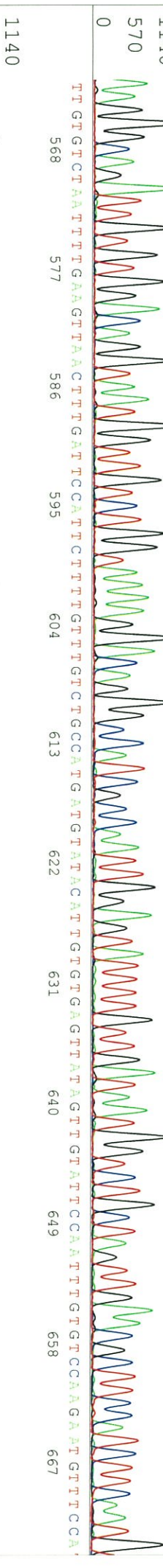
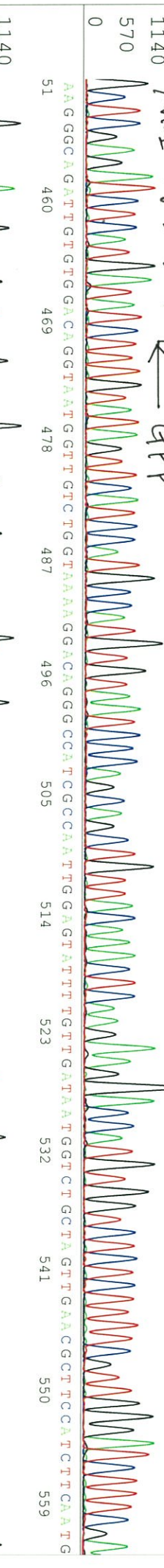
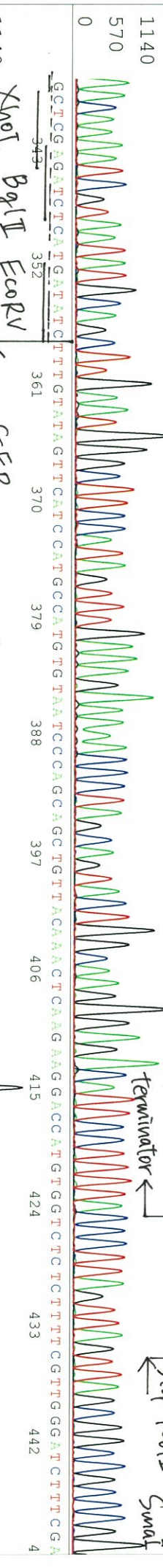
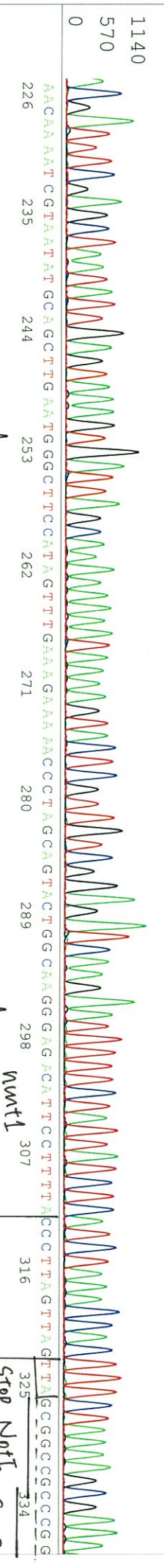
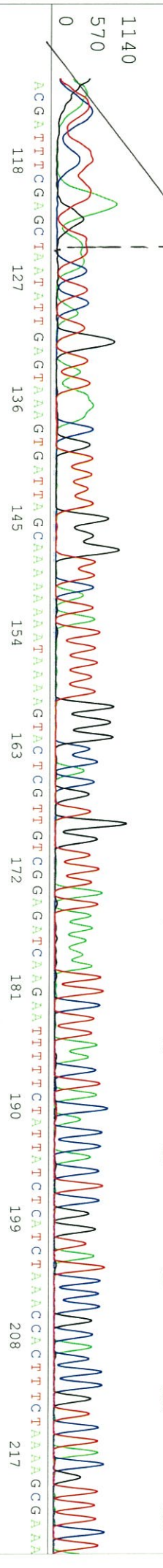
KB 1.4.1.8 Cap:2

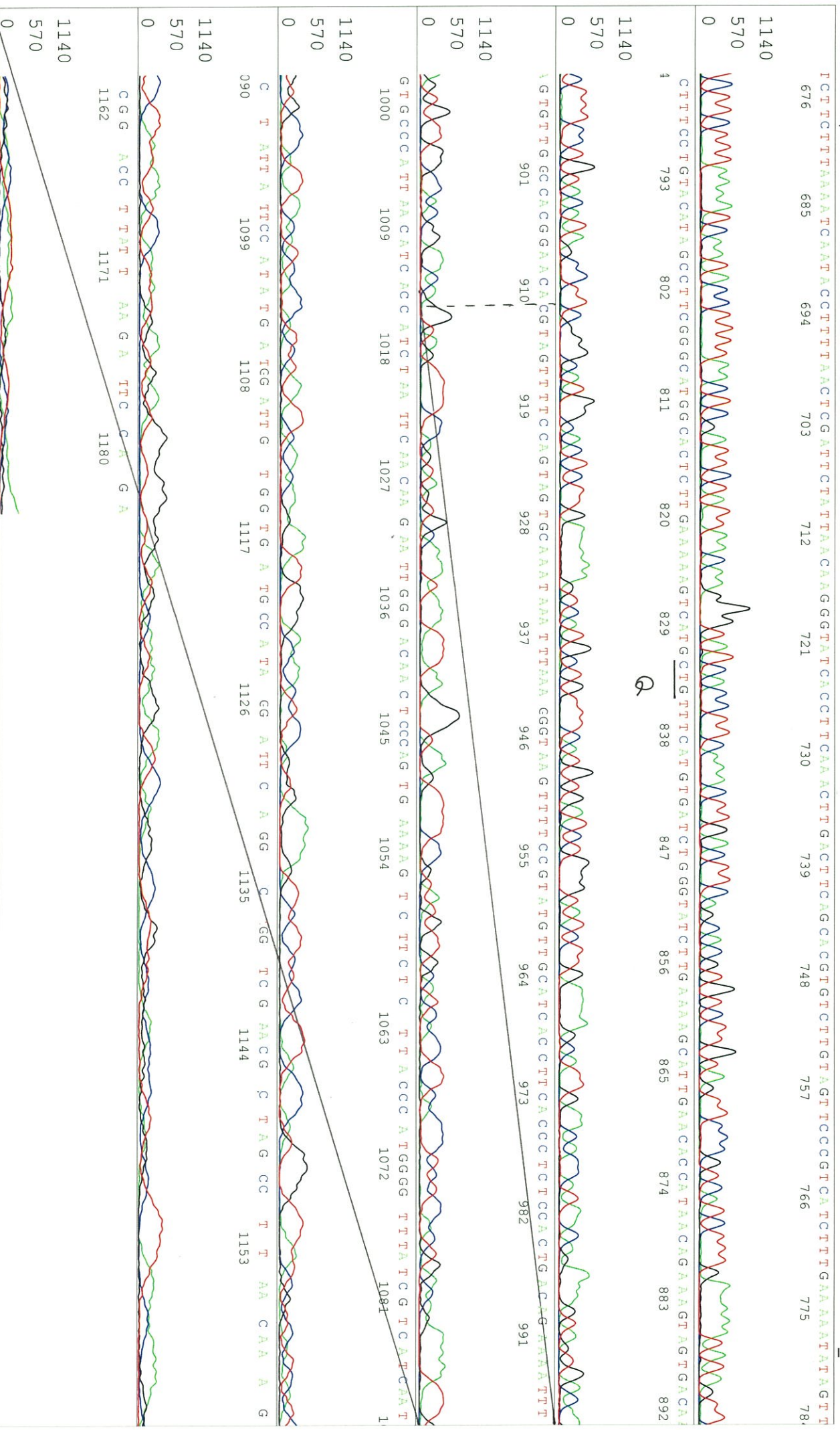
5- AACTACATCTAACACGAAGG -3'

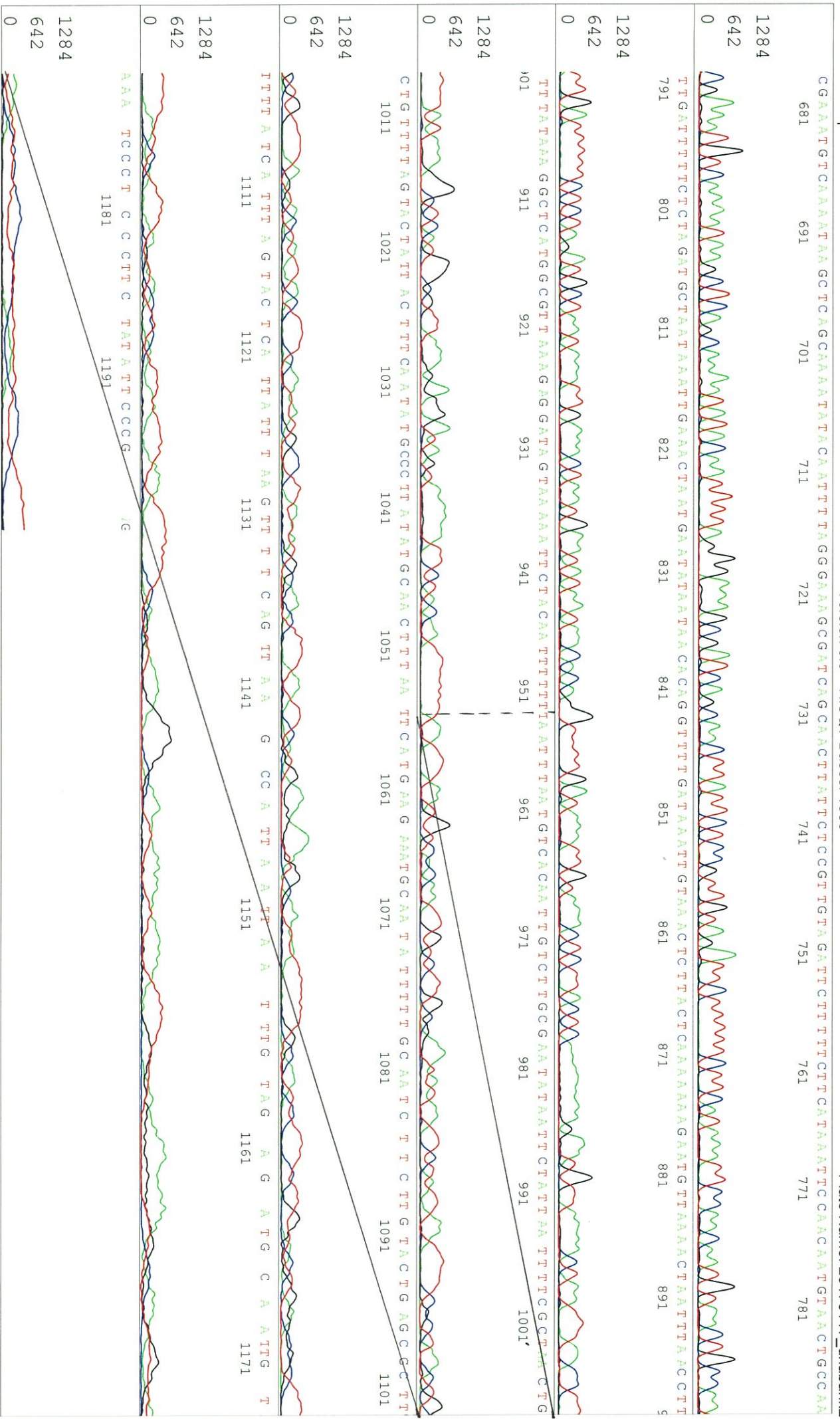
Pls 1354 to 13653 Pk1 Loc:1331

Jan 17, 2017 02:13PM, JST

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







S/N G:82 A:129 T:155 C:108

primer name : LEU2pro_F

KB_bcp KB_3500_POP7_BDTV3.mob

Jan 17, 2017 01:47PM, JST

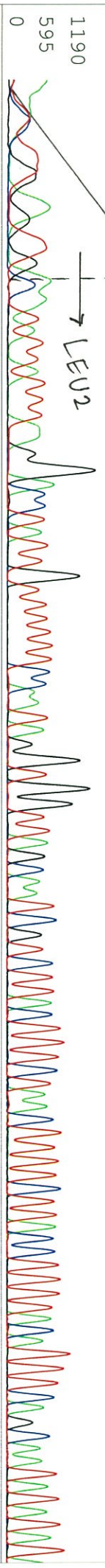
KB 1.4.1.8 Cap:4

5'-AAGCGTTCATGACTAAATGCTTGC-3'

Pls 1364 to 13776 Pk1 Loc:1341

Jan 17, 2017 02:13PM, JST

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118 127 136 145 154 163 172 181 190 199 208 217
A T A T A T T C A A G G A T A T A C C A T T C T A A T G T C T G C C C C T A A G A A G A T C G T C G T T T T G C C A G G T G A C C A C G T T G G T C A A G A A A T C A C A C C G A A G C C A T T A A G G T T C T T A A A G C

226 235 244 253 262 271 280 289 298 307 316 325 333
T A T T T C T G A T G T T C G T T C C A A T G T C A A G T T C G A A A T C A T T A A T T G G T G C C T A T C G A T G C T A C A G G T G T T C C A C T T C C A G A T G A G G C G T G A A G C C T T C C A

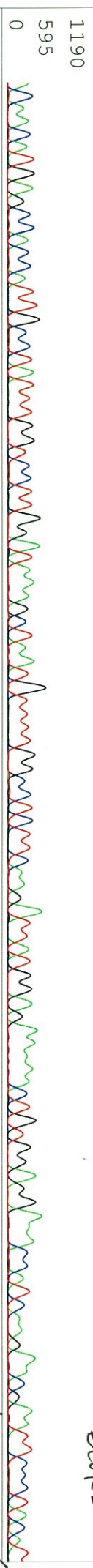
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A G A A G C C T G A T G C C C G T T T T G T T A G G T G C T G G G T G T C C T A A A T G G G T A C C G G T A G T G T T A G A C C T G A A C A A G G T T T A C T A A A A A T C C G T A A A G A A C T T C A A T T G T A C G C C

451 460 469 478 487 496 505 514 523 532 541 550 555
J A A C T T A A G A C C A T G T A A C T T T G C A T C C G A C T C T C T T T A G A C T T A T C T C C A A T C A A G C C A C A A T T T G C T A A A G G T A C T G A C T T C G T T G T C A G A G A F T T A G T G G G A G G T A

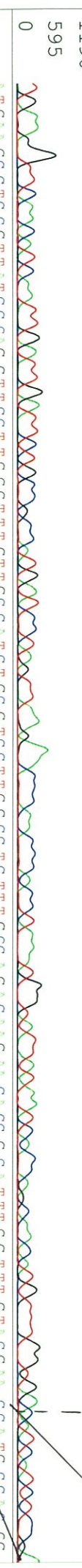
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T T T A C T T T G G T A A G A G A A A G G A A G A C G A T G G T G A T G G T T C C C T T G G G A T A G T G A A C A A T A C A C C G T T C C A G A A G T G C A A A G A A T C A C A A G A A T G G C C G C T T C A T G G C C C T

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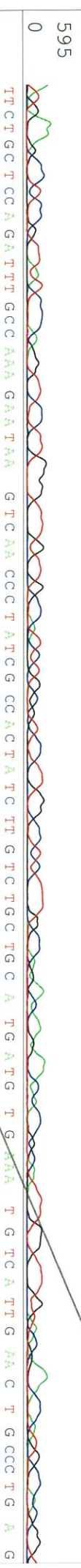
ecorI



793	802	811	820	829	838	847	856	865	874	883	892
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901	910	919	928	937	946	955	964	973	982	991	1000
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1009	1018	1027	1036	1045	1054	1063	1072	1081	1090
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1099	1108	1117	1126	1135	1144	1153
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1162	1171
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