

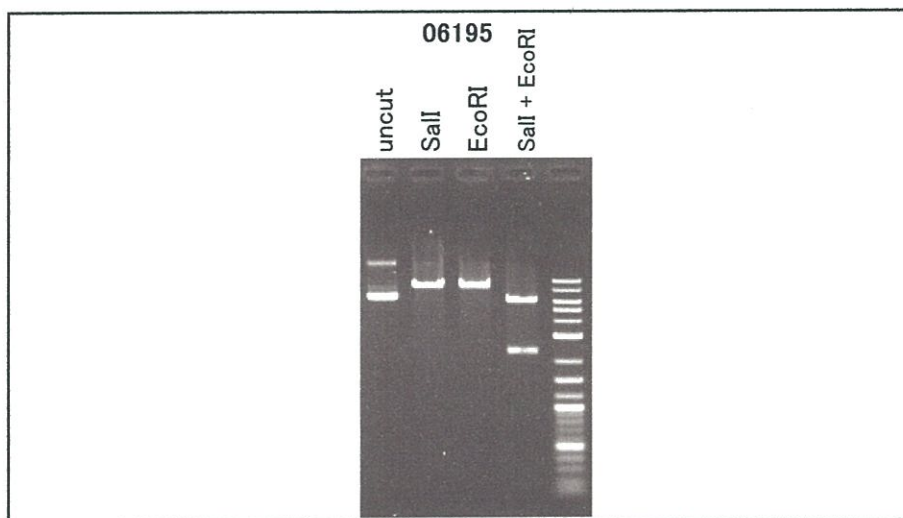
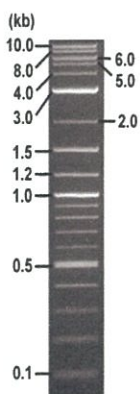


RIKEN DNA BANK

clone name : pDUAL2-HFF81

- Clone ID : RDB_06195
- Lot : 14489_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>SalI</u>	<u>8.4</u> kbp
<u>EcoRI</u>	<u>8.4</u> kbp
<u>SalI + EcoRI</u>	<u>6.1, 2.3</u> kbp
	kbp
	kbp

● Confirmation of the insertion sequence

Sequence name	Primer name	Sequence name	Primer name
Sequence - A	nmt1Fw	Sequence - E	-
Sequence - B	ADH-Forward	Sequence - F	-
Sequence - C	f1ori_R3	Sequence - G	-
Sequence - D	Reverse2	Sequence - H	-

APPROVED BY :



S/N G:309 A:595 T:454 C:358

primer name **A** : nmt1Fw

KB_3500_POP7_BDTV3.mob

Dec 27, 2016 09:33AM, JST

KB:bcf

5'-GCTGTAAACACCACGAGAC-3'

Pts 1652 to 13452 Pk1 Loc:1629

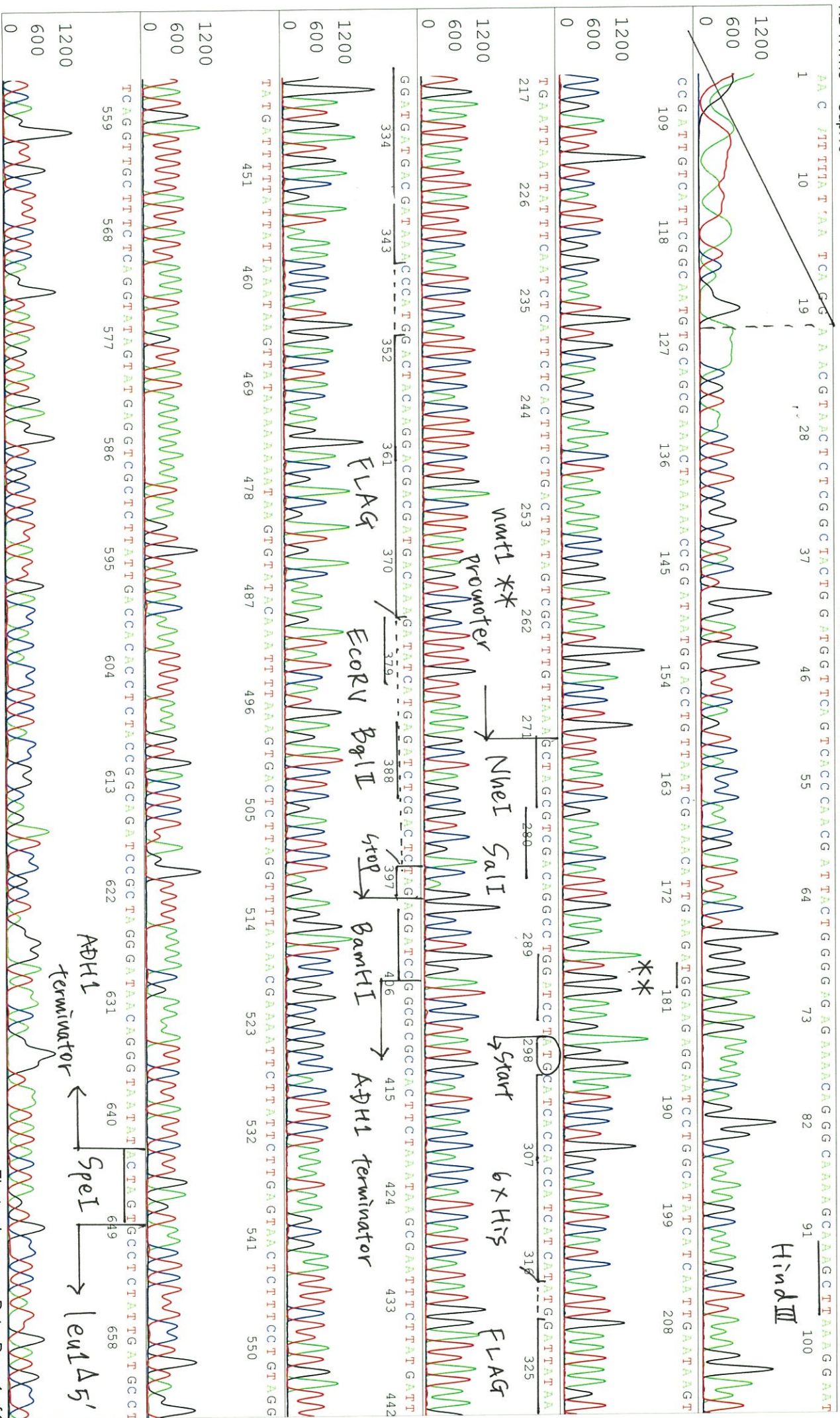
Dec 27, 2016 10:00AM, JST

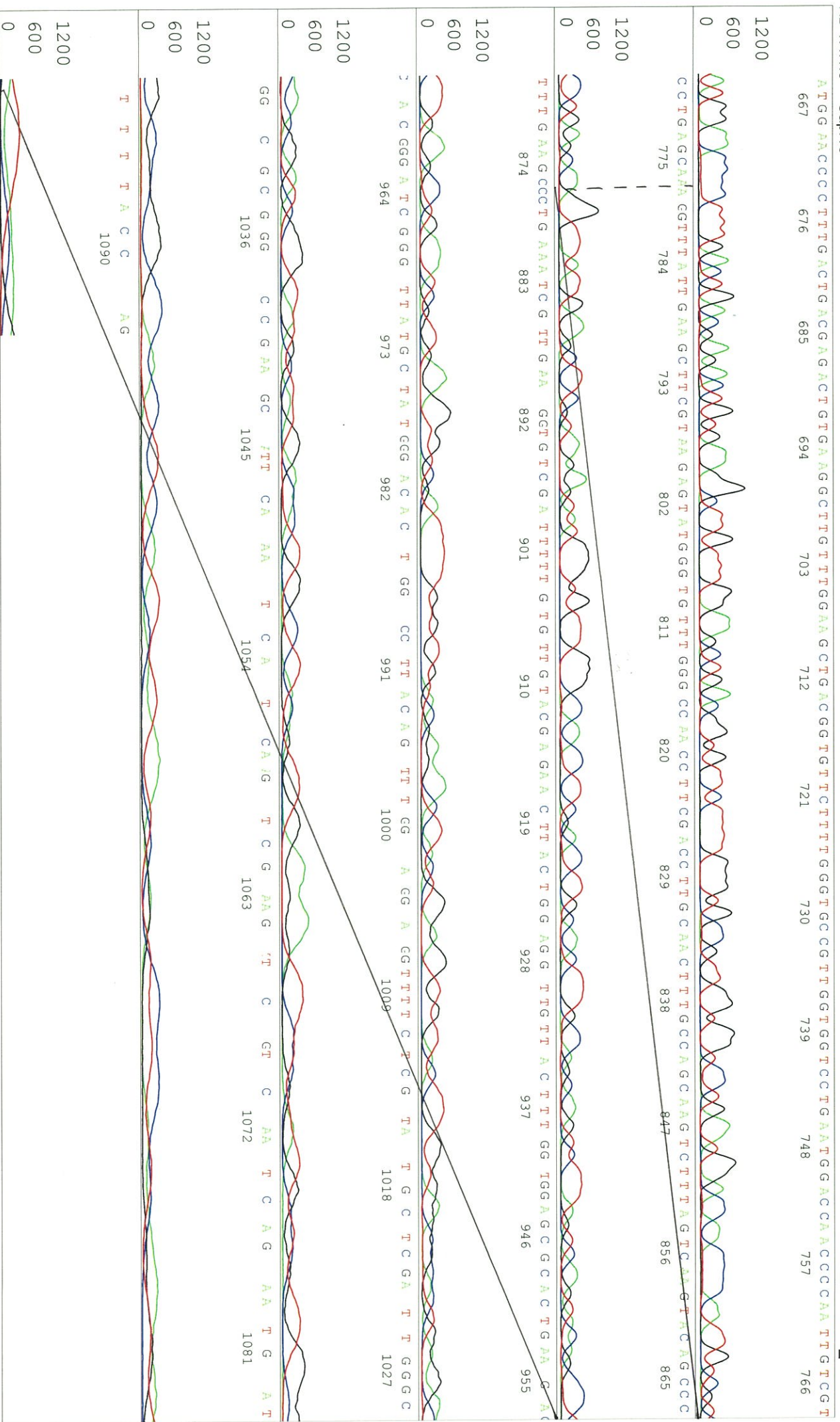
KB 1.4.1.8 Cap:16

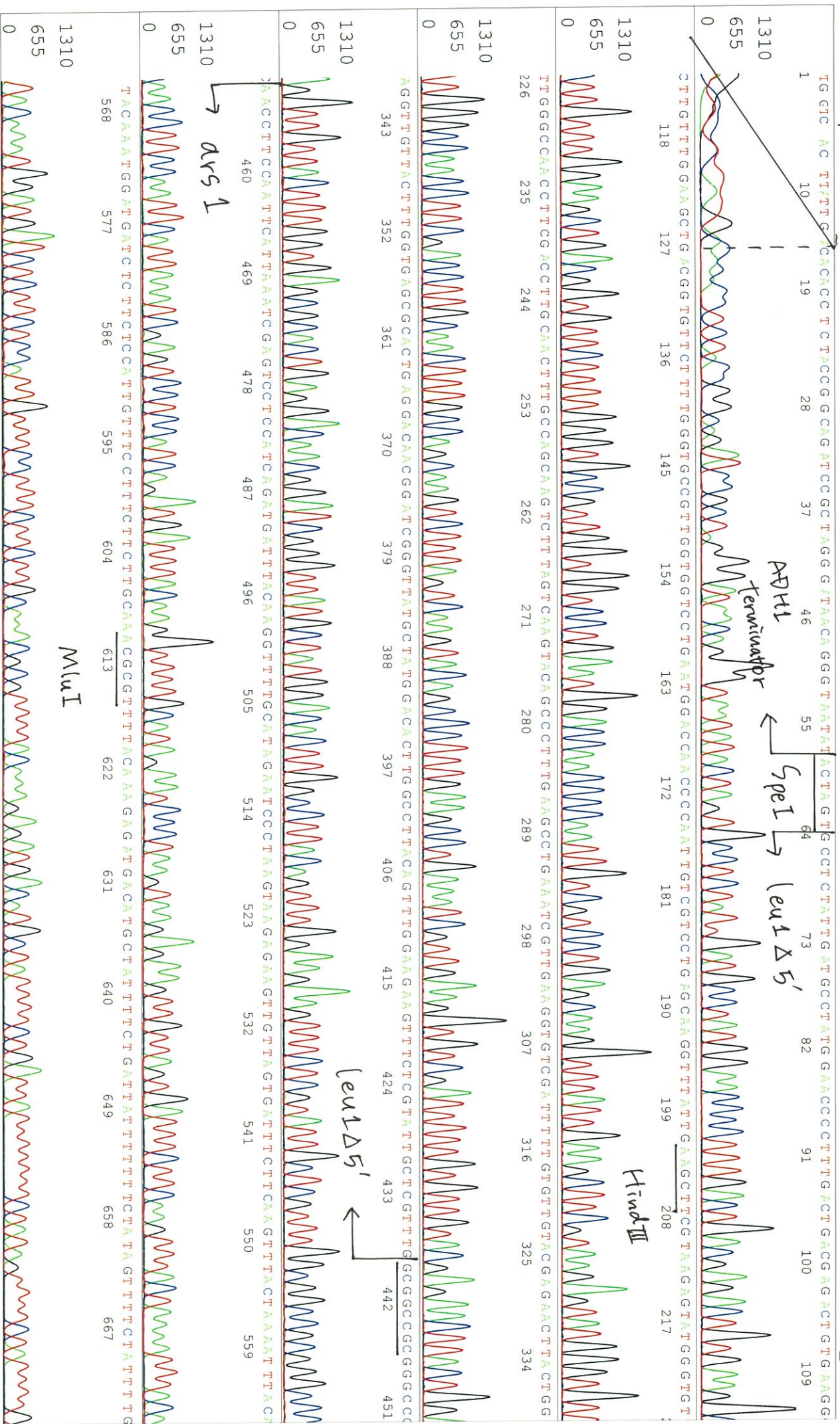
Version 6.0 HiSQV Bases: 888

Pls 1652 to 13452 Pk1 Loc:1629

Spacing:12.15 Pts/Panel1350
Plate Name: 20161227_dnabank



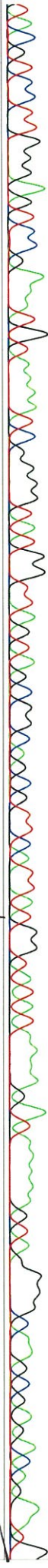




TACGTCCTTGAGAGTC CGAATGTAATAATCCGGGTATG GTTAGTAGCGCGCA GCGCTTCATTATGTGGT ATATAAAGATAAAGAA GTAGGGCGAAG CAGACAGAA TG

1310

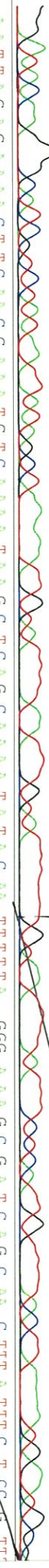
655



G GATACAAAGGCA TCGTCTA TAAATTATA GCTA AAAAT TGTATT TTAATT TGTATT TTTT TTTG TAAATT TTTAT TTTCTCA TGT TTTT TTA CTTA AAAATGAA TGG

1310

655



AATTAGAGAAA AACTTCAA CAAATGTAAGCTCAGCAAAA TATACTA CAAAGCGATCAGC AA CTTA TTTCTCCG TTT

1310

655



FGT AGATTTCTTTTCTTTTCA TAAA TTTCCCTA CAAATGTAA C TGA CCA AA TTTGGAT TTTTCTCTAG ATGGCTAA TAAA TC

1310

655



AA CCTTATTGAA TATATACTACCAAG TTTTTGATATAA TTTCTAGAA CTTCTTTA C

1310

655



TT C GA

1310

655

S/N G:261 A:506 T:331 C:345

primer name C : f1ori_R3

KB_3500_POP7_BDTV3.mob

Dec 27, 2016 09:33AM, JST

KB.bcp

5'- TTAATGCCGCCGTACAGGGC -3'

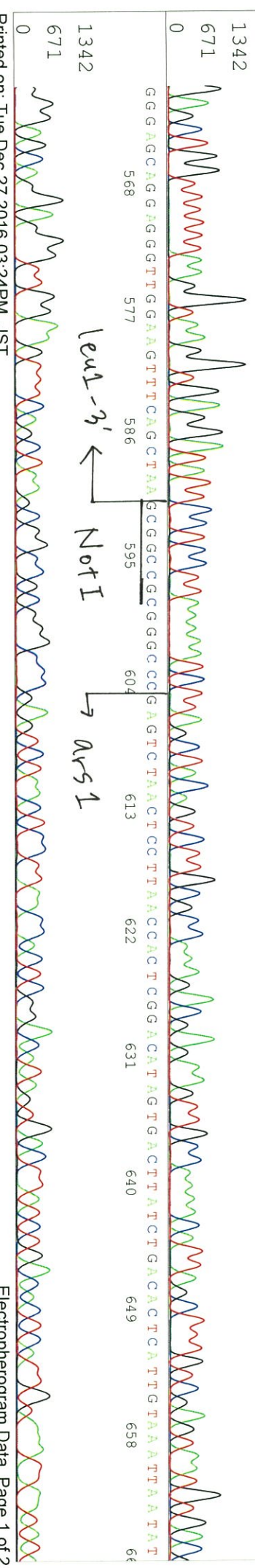
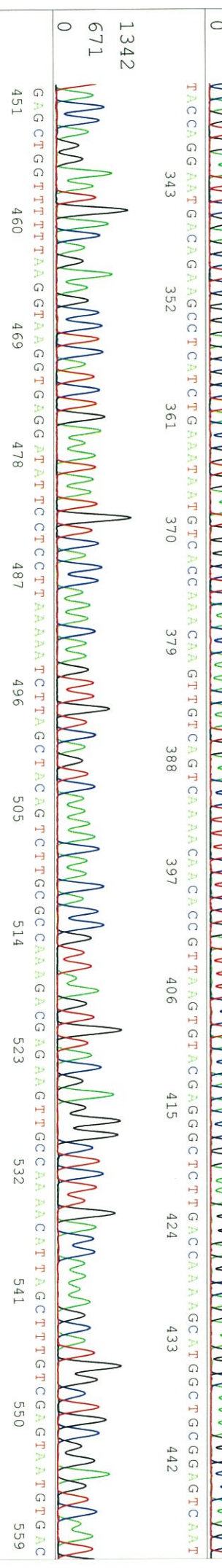
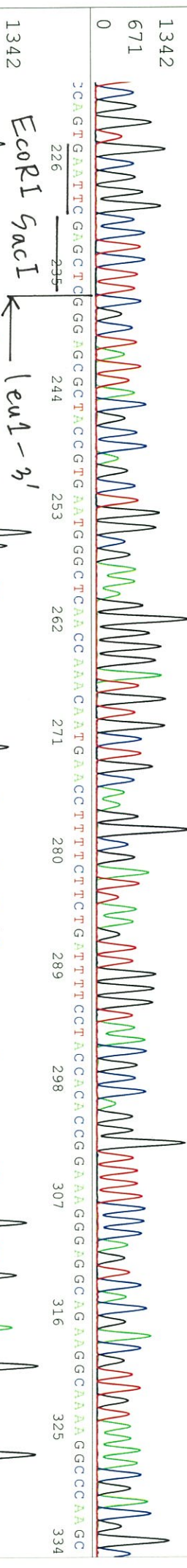
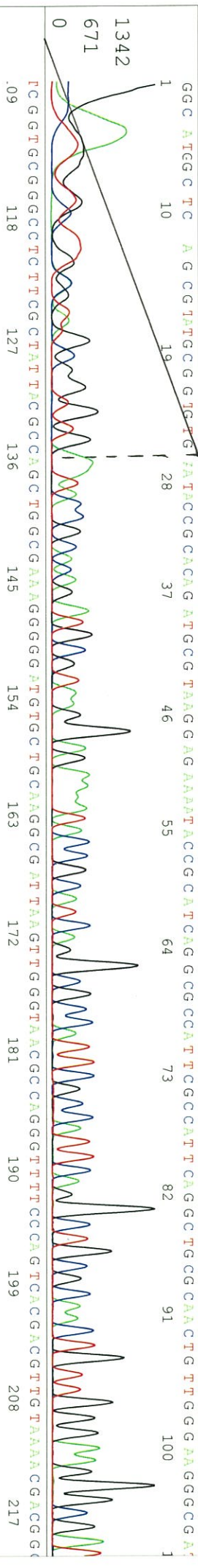
Pts 1666 to 13206 Pk1 Loc:1643

Dec 27, 2016 10:00AM, JST

KB 1.4.1.8 Cap:22

Version 6.0 HISQV Bases: 852

Spacing:12.07 Pts/Panel1350



S/N G:231 A:511 T:441 C:405

KB.bcp primer name **D** : Reverse2

KB_3500_POP7_BDTV3.mob

Dec 27 2016 10:00AM, JST

KB 1.4.1.8 Cap.2

5'- GCGGATAACAAATTTCACACAGG -3'

Pts 1730 to 12978 Pk1 Loc:1707

Spacing:12.05 Pts/Panel1350

Version 6.0

HiSQV Bases: 786

Plate Name: 20161227_dnabank

