

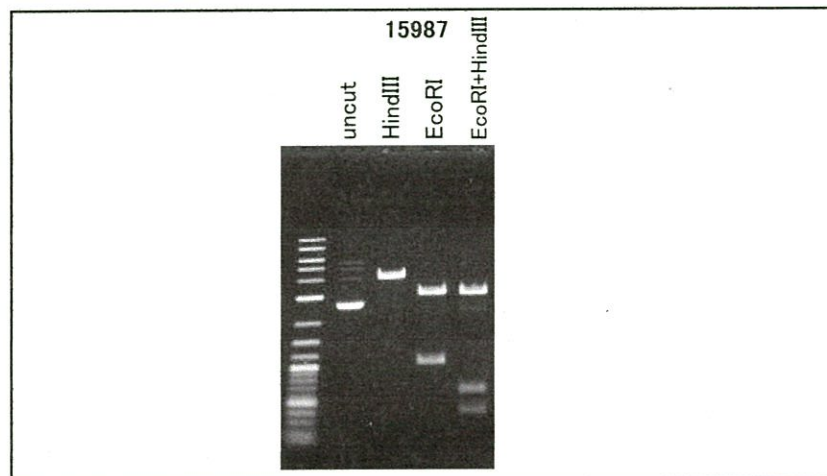
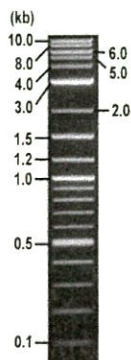


RIKEN DNA BANK

clone name : pOGN (Porcine osteoglycin/mimecan)

- Clone ID : RDB_15987
- Lot : 15987_A8Fi
- 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>HindIII</u>	<u>4.0</u> kbp
<u>EcoRI</u>	<u>3.0, 1.0</u> kbp
<u>EcoRI+HindIII</u>	<u>3.0, 0.6, 0.4</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	ColE1ori_F	Sequence - F	-
Sequence - C	-	Sequence - G	-
Sequence - D	-	Sequence - H	-

APPROVED BY :

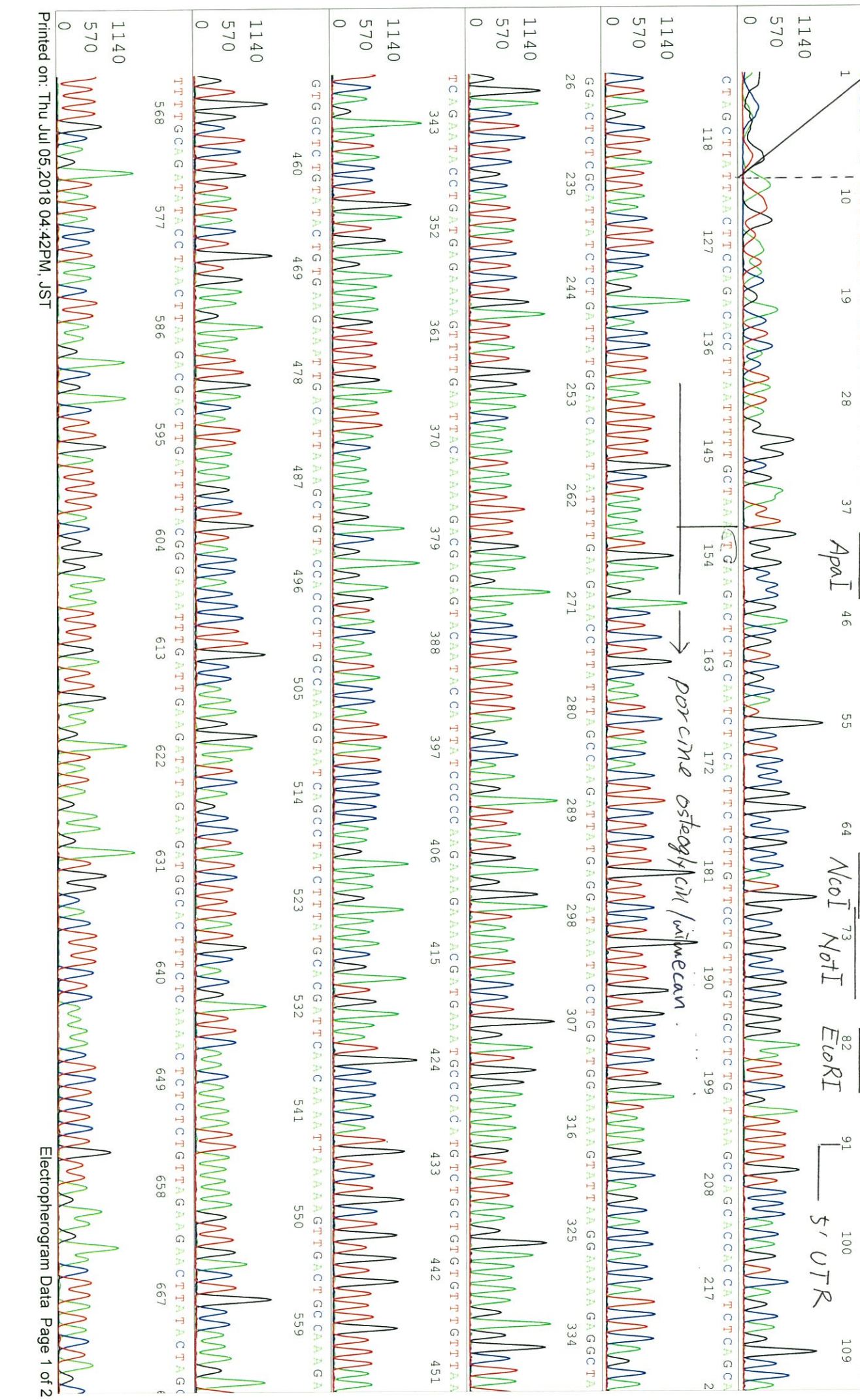


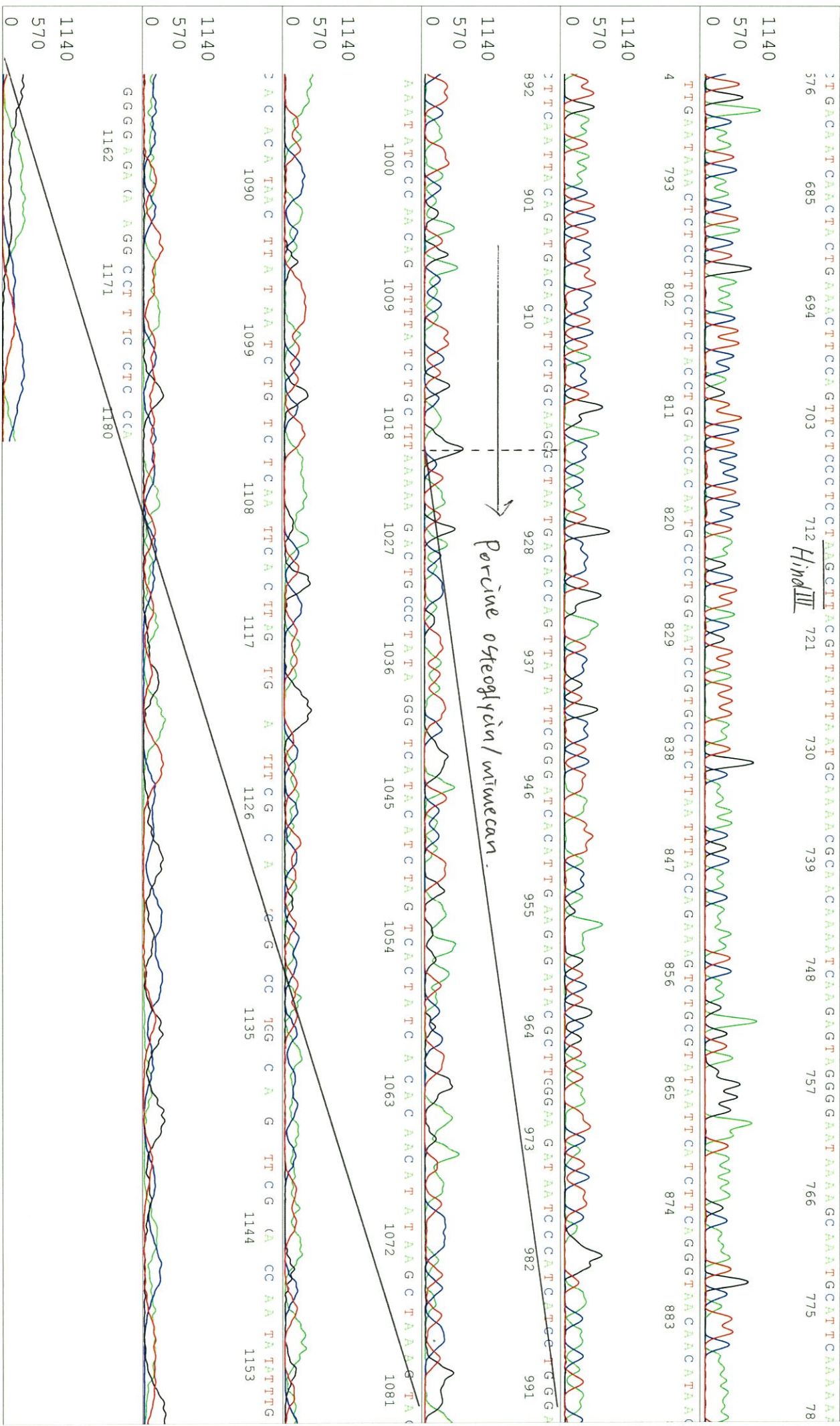
S/N G:58 A:138 T:117 C:124
KB.bcp
KB 1.4.1.8 Cap:6

primer name A : M13_-40
5- GTTTCCCGAGTCACGACGTTGTA-3'

KB_3500_POP7_BDTV3.mob
Pls 1342 to 13199 Plk1 Loc:1319
Version 6.0 HISQV Bases: 1030

Jul 05, 2018 02:19PM, JST
Spacing: 11.91 Pls/Panel1350
Plate Name: 20180705_kitaku2





S/N G:105 A:151 T:171 C:215

D05595A5-2_A8Fi_ColE1ori_F

Jul 04, 2018 02:18PM, JST

KB.bcp

primer name **B** : ColE1ori_F

KB_3500_POP7_BDTV3.mob

Jul 04, 2018 02:45PM, JST

KB 1.4.1.8 Cap:9

5'-AGCTTCACAGGGGAAACCGCCTG-3'

Pis 1132 to 10717 Pk1 Loc:1109

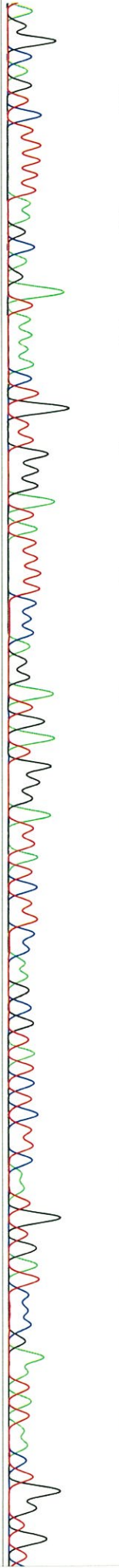
Spacing:9:63 Pis/Panel1350

Version 6.0 HISQV Bases: 984

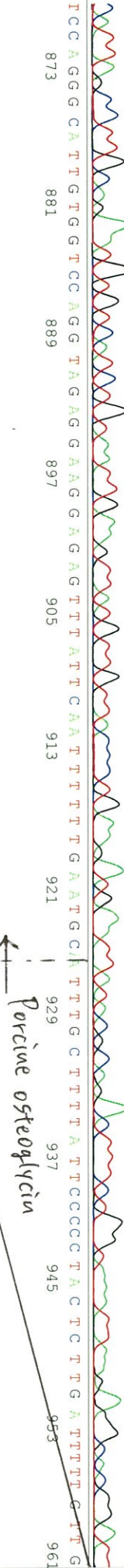
Plate Name: 20180704_kitaku2



AGGCA GTCTTTTAAAGCAGATAAAA CTGTTGGGATATTCTCCCA GATGATGGGATTAATCTTCCAA GCGTATCTCTTCAATGTGATCCCGAATATACTGGTG T



CATTAGCCCTTG CAGAA TGTGT CATCTG TAA TTGAA GTTAT GTTG TTA CCC TGAAG ATGAA TTATA CGCAG ACTTCTGTG GTAAAT TAA GAGG CACGG AT



TCCAGGG CAT TGTGTG TCCAGG TAGAG AAGG AAGAG TTTAT TCAAT TTTTGAATGC/ TTTGCTTTTATTCCCCCTAC TCTTGATTTTCTTG

← Porcine osteocalcin / miwecan

CGTTTTCATTA AA TAA C G TAA G C T T A G A G G A G AA C TGG AA G TTT C A G T A G T T G A T T C A G C T A G T A T T G

TT C TTT C TTAA C AG AGG AGG A G TTT T G A G AA A G TGG C C A TT C TTCC T A TGAG T (C G GTT G C G A T C A

AAA T C C G TA A