

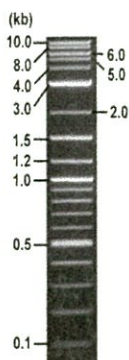


**RIKEN DNA BANK**

clone name : pELN-2 (Porcine elastin 2)

- Clone ID : RDB\_15986
- Lot : 15986\_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>EcoRI</u>	<u>7.1</u> kbp
<u>BamHI</u>	<u>7.1</u> kbp
<u>EcoRI+BamHI</u>	<u>5.0, 2.1</u> kbp
_____	_____ kbp
_____	_____ kbp

● Confirmation of the insertion sequence

Sequence name	Primer name	Sequence name	Primer name
Sequence - A	GST-M_F	Sequence - E	-
Sequence - B	pJB8-Forward	Sequence - F	-
Sequence - C	ColE1ori_F	Sequence - G	-
Sequence - D	pGEX-ptac_up-F	Sequence - H	-

APPROVED BY :



S/N G:263 A:225 T:271 C:453

primer name A : GST-M\_F

KB\_3500\_POP7\_BDTV3.mob

Pts 1151 to 10616 PK1 Loc:1128

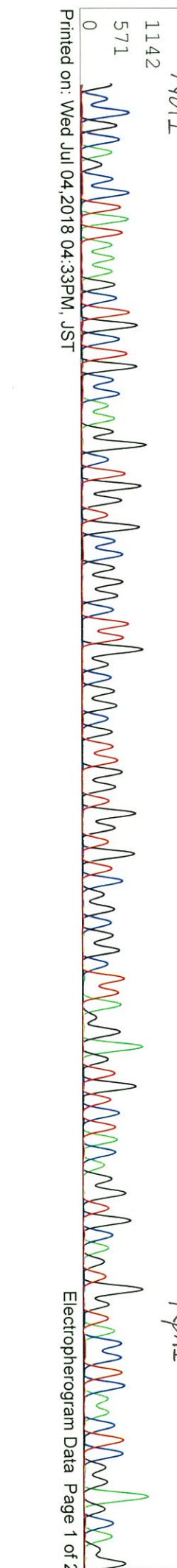
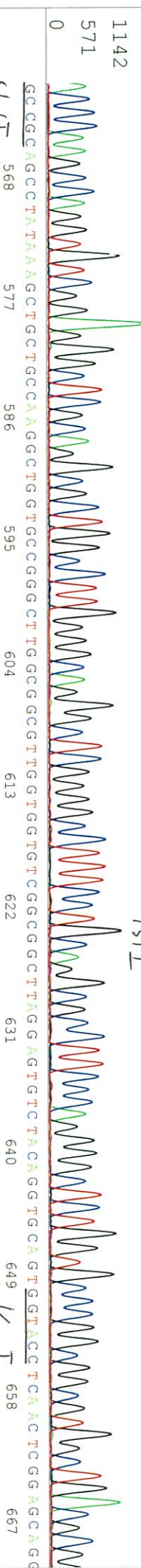
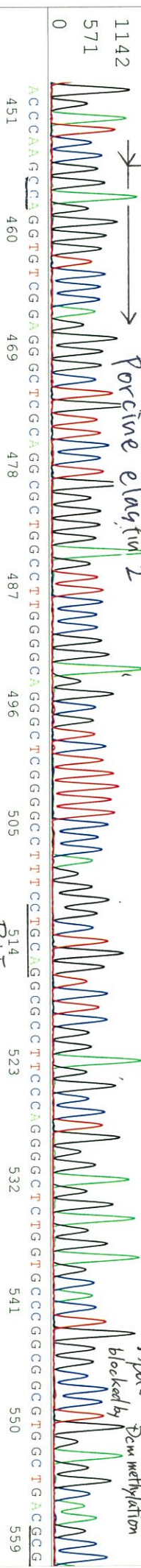
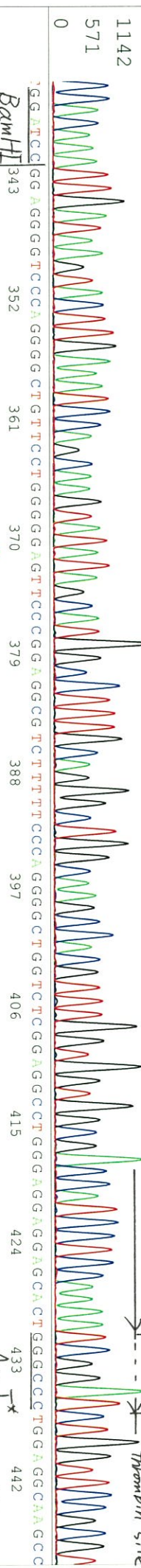
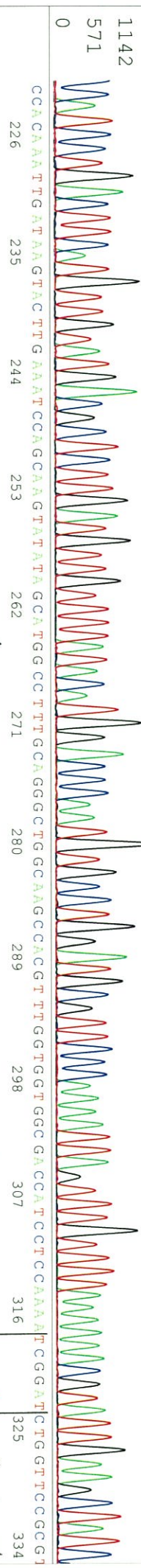
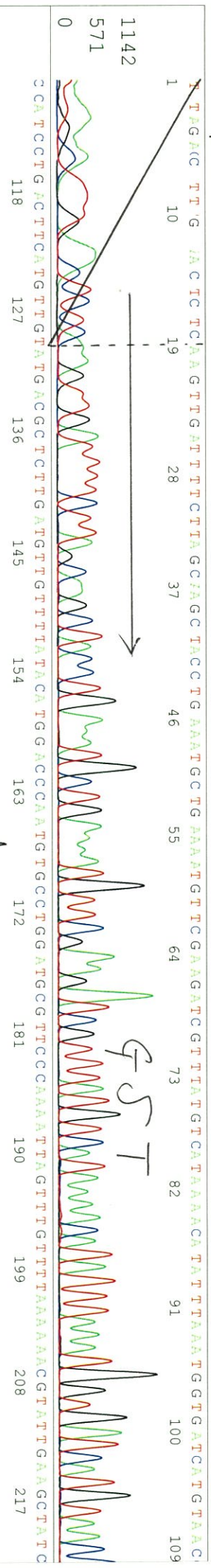
Version 6.0 HISQV Bases: 984

KB.bcp

5' ATATTAGATACGGTGTTCG 3'

KB 1.4.1.8 Cap:14

984



Printed on: Wed Jul 04, 2018 04:33PM, JST

Electropherogram Data Page 1 of 2



S/N G:24 A:28 T:29 C:56

primer name B : pJB8-Forward

KB\_bcp

Jul 04, 2018 02:18PM, JST

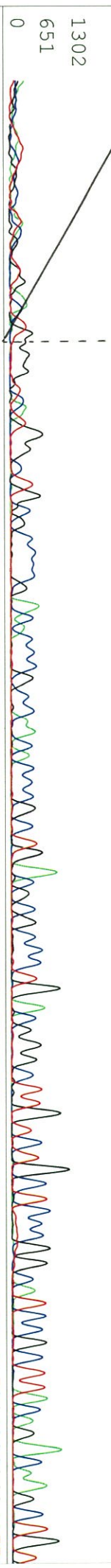
KB 1.4.1.8 Cap:17

5'-ACGAGGCCCTTTCGTCTTC-3'

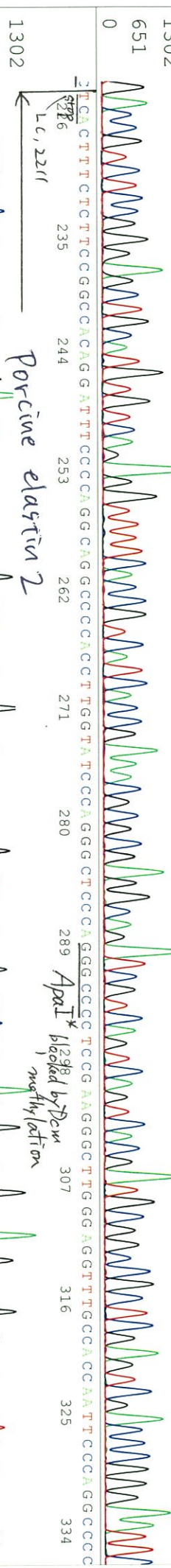
KB\_3500\_POP7\_BDTv3.mob

Jul 04, 2018 02:45PM, JST

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

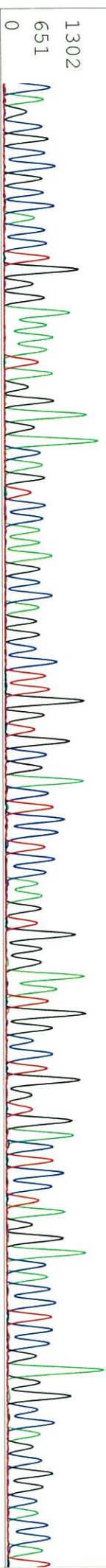
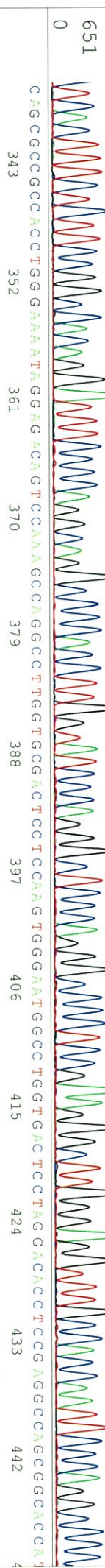


*NofI* XhoI <sup>208</sup>SalI <sup>217</sup>SmaI EcoRI



Porcine elastin 2

ApaI\* <sup>1298</sup>blinded by Dcm <sup>1</sup>methylation



BglII

ApaI

