

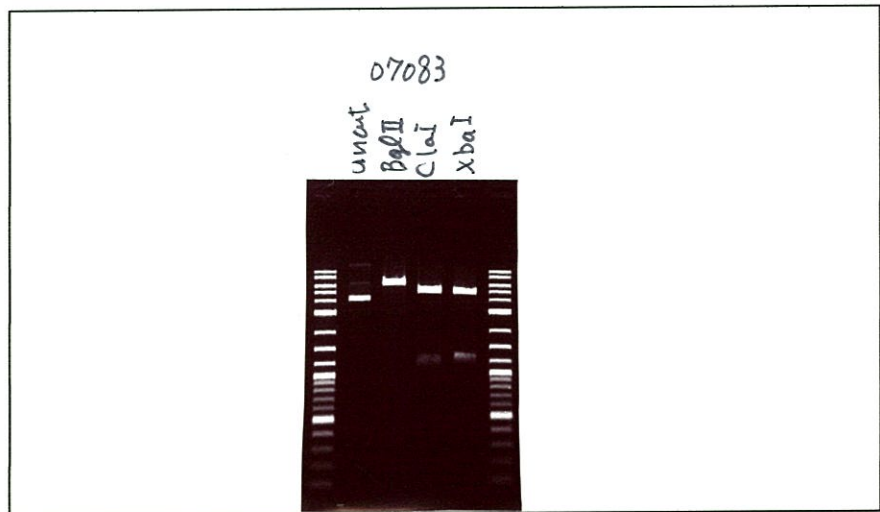
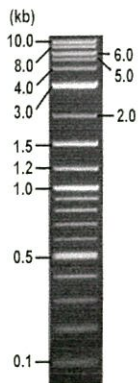


RIKEN DNA BANK

clone name : pxCAhFLPe

- Clone ID : RDB _ 07083
- Lot : 13038 _ A4Lg
- 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 : 43 nanogram DNA per lane ; 1% agarose gel , 1 x TAE Buffer

Restriction enzyme	Expected size of fragment
<u>BglII</u>	<u>6.7</u> kbp
<u>ClaI</u>	<u>5.4, 1.3</u> kbp
<u>XbaI</u>	<u>5.3, 1.4</u> kbp
_____	_____ kbp
_____	_____ kbp

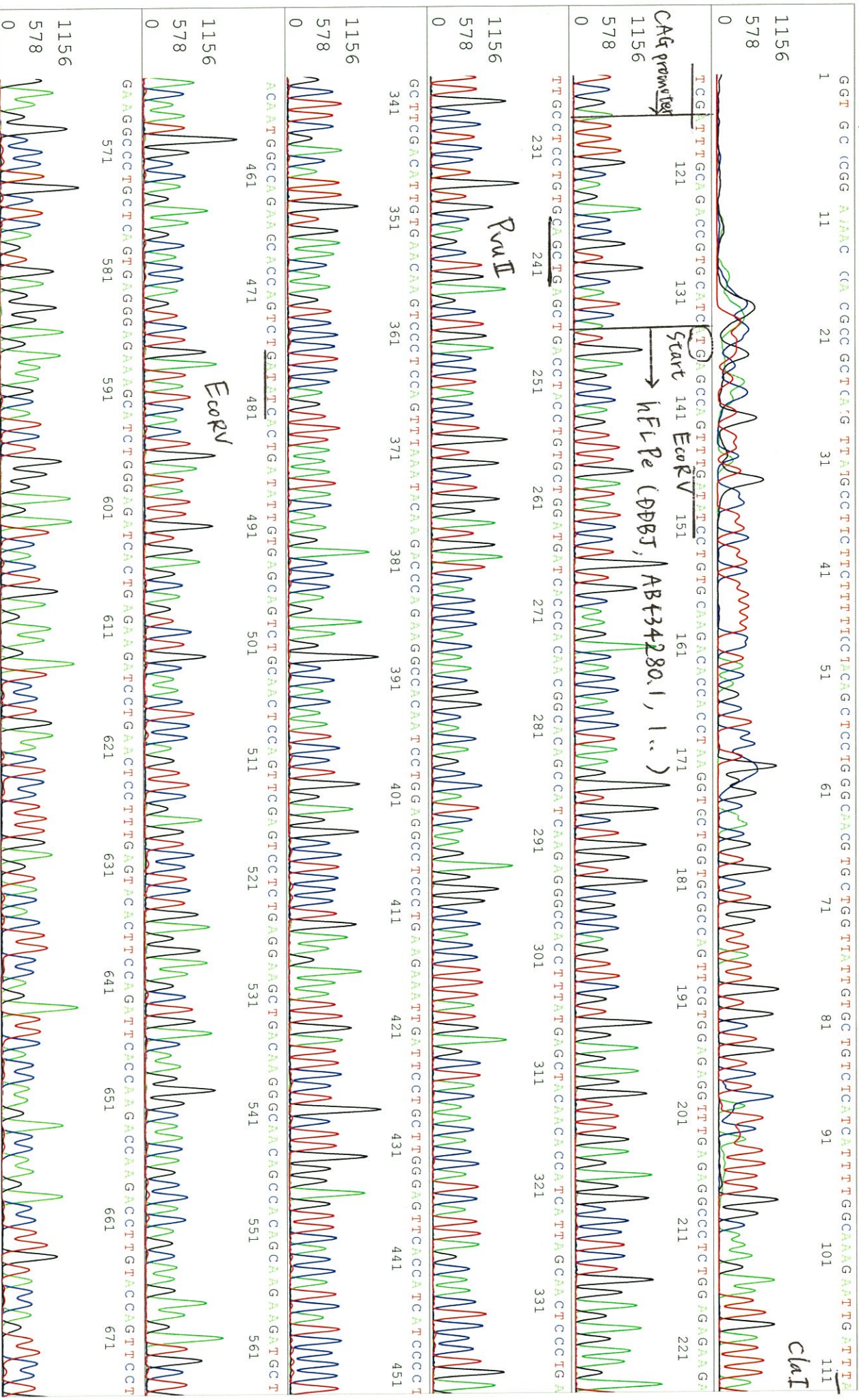
● Confirmation of the insertion sequence

Sequence name	Primer name
Sequence - A	pAxCA_F1
Sequence - B	pAxCA_R1
Sequence - C	-
Sequence - D	-

APPROVED BY :



S/N:90 A:115 T:83 C:112 primer name A : pAxCA_F1
KB.bcp 5-GGCTTCTGGCGGTGTGACCGGC-3'
KB 1.4.1.8 Cap:21



S/N G:11 A:9 T:8 C:7

KB.bcp

KB 1.4.1.8 Cap.21

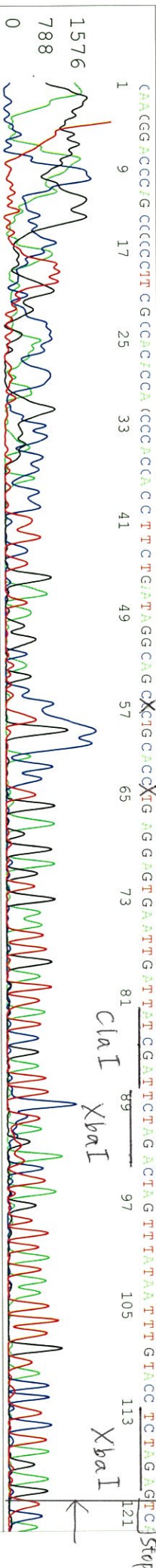
primer name B : pAxCA_R1

5-CAGAGGGAAAAAGATCTCAGTGG-3'

1 9 17 25 33 41 49 57 65 73 81 89 97 105 113 121

ClaI XbaI

XbaI



← hFLPe (PFB5, AB434280.1, 11292)

PvuII

1576
788
0
:TGCTGCCACTCCTCAATTGGTTGGTCTCATCCTTCAATGCCAATCATCTCTTGGAAGATGGGATCATATGATGACCGAGACACCA GTGCGAAGTAGATCAAGGGATTGC

1576
788
0
TGATCTGGTGAATTAAGTTGTTCTGGCCACGGGAGAGGCCCGCTTATCGCTCAGTTGCCCACAA CATTTGGT CAGCTCTGTCAAGGCCCTTCATGACAGAAAGGTCAT

1576
788
0
:CAGGTGCTTGCATGTGGGACTTA GGCCCATTTCTTGATGCCAAA GATTGGGTA GGGGCAATTTTCTTCAAA GCTTTGTTGTTAGTA GGACCTCACCAAGTTGTTCTTGA G CAGC

1576
788
0
TGGTACTCTTGCCTTGTGCTGAAAGAGTTGCCGGTCTCTGTTCAACCGCGTTCAAGCAC TGGCTCA GAGTTCCCTC A GGAACTCATCCAGG TACCCCA GTGG ATCAA TCC TGGC

1576
788
0