

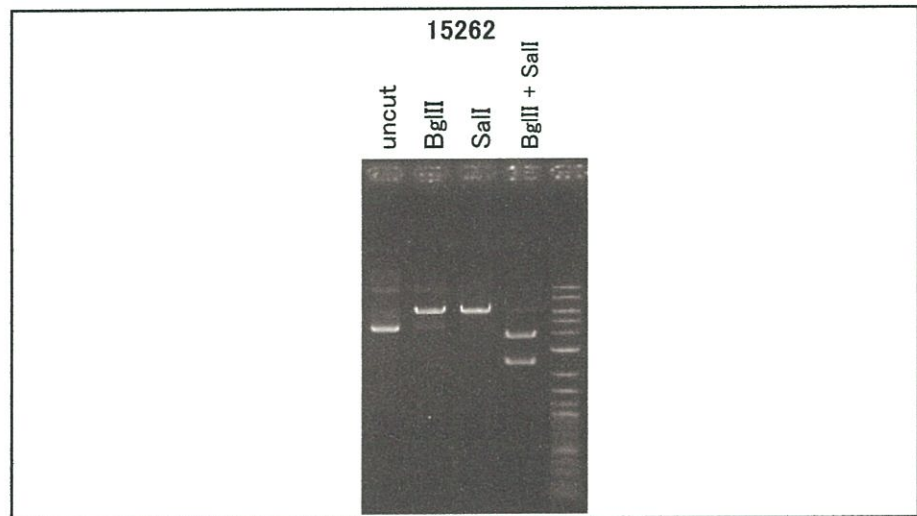
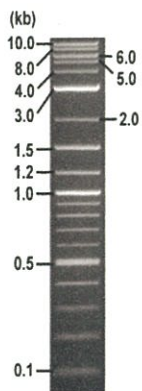


RIKEN DNA BANK

clone name : Mermaid

- Clone ID : RDB _ 15262
- Lot : 15262 _ A7H9
- 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

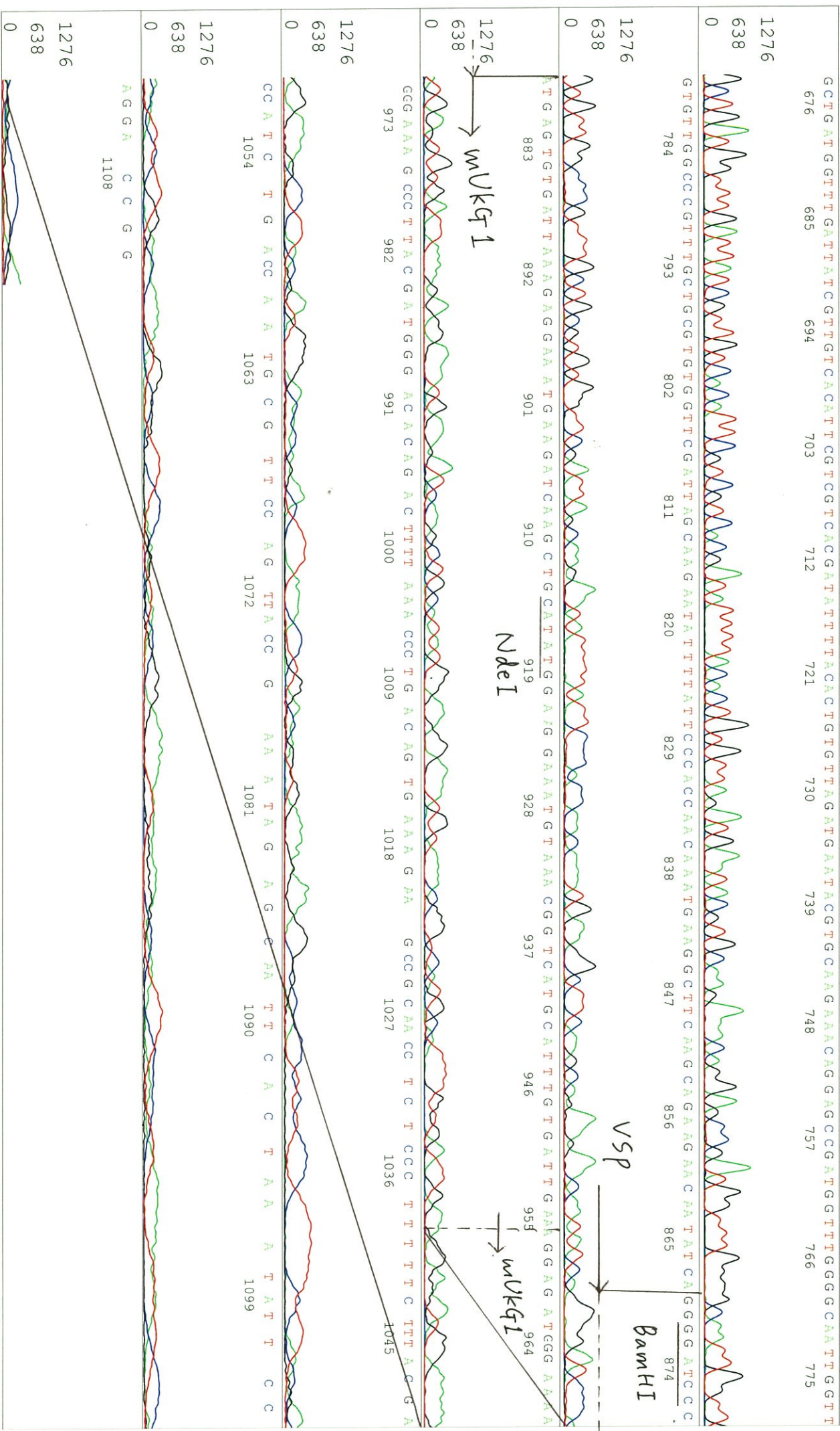
Restriction enzyme	Expected size of fragment
<u>BglII</u>	<u>6.1</u> kbp
<u>SalI</u>	<u>6.1</u> kbp
<u>BglII + SalI</u>	<u>3.8, 2.4</u> kbp
	kbp
	kbp

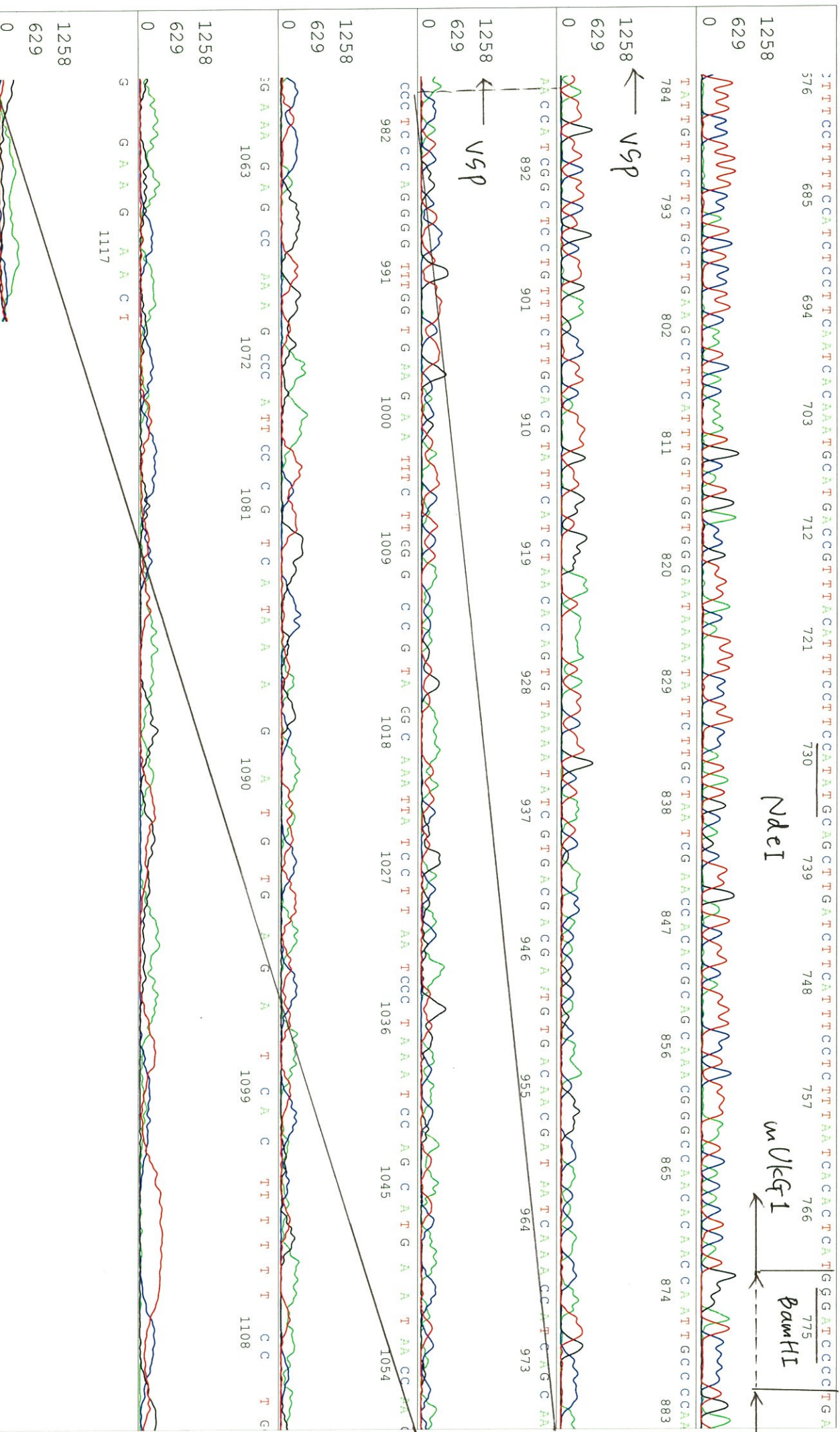
● Confirmation of the insertion sequence

Sequence name	Primer name	Sequence name	Primer name
Sequence - A	pCMV-IE94_F	Sequence - E	-
Sequence - B	mKO2-N_R	Sequence - F	-
Sequence - C	pAxCALNL_F1	Sequence - G	-
Sequence - D	-	Sequence - H	-



APPROVED BY :





S/N G:122 A:173 T:172 C:204

KB.bcp

KB 1.4.1.8 Cap:19

primer name C : paxCALNL_F1

5- CACTGCATTCTAGTTGTGGTTGTCC-3'

