

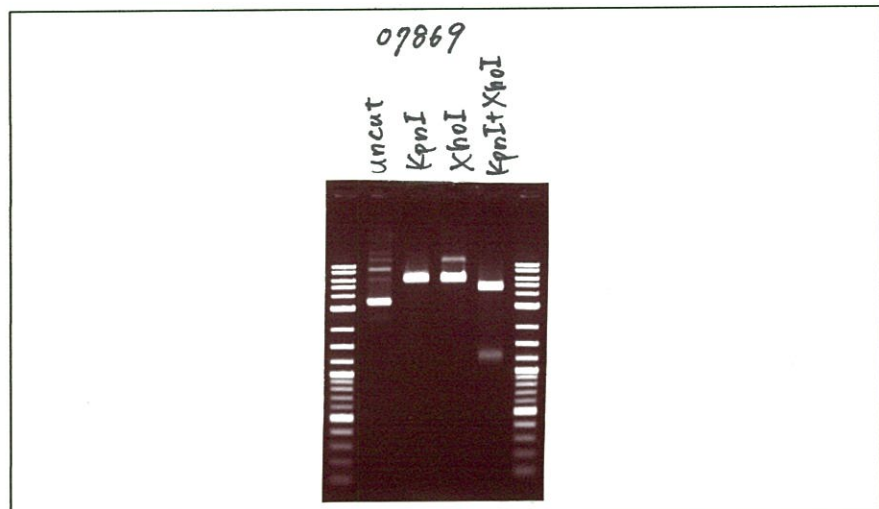
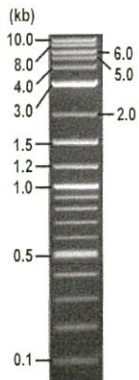


RIKEN DNA BANK

clone name : pGL3-AID R4 del.-15

- Clone ID : RDB _ 07869
- Lot : 07869 _ A4Gi
- 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 : 44 nanogram DNA per lane ; 1% agarose gel , 1 x TAE Buffer

Restriction enzyme	Expected size of fragment
<u>KpnI</u>	<u>6.4</u> kbp
<u>XhoI</u>	<u>6.4</u> kbp
<u>KpnI + XhoI</u>	<u>5.1, 1.4</u> kbp
	kbp
	kbp

● Confirmation of the insertion sequence

Sequence name	Primer name
Sequence - A	pGL4-4174F
Sequence - B	Luc_R
Sequence - C	-
Sequence - D	-



APPROVED BY :

S/N G:71 A:30 T:44 C:26

primer name A : pGL4-4174F

07869_07869_A4Gi_pGL4-4174F

Jul 26, 2014 09:12AM, JST

KB.bcp

5'-TAGCAAAATAGGCTGTCCCC-3'

KB_3500_POP7_BD1v3.mob

Jul 26, 2014 09:39AM, JST

KB 1.4.1.8 Cap:13

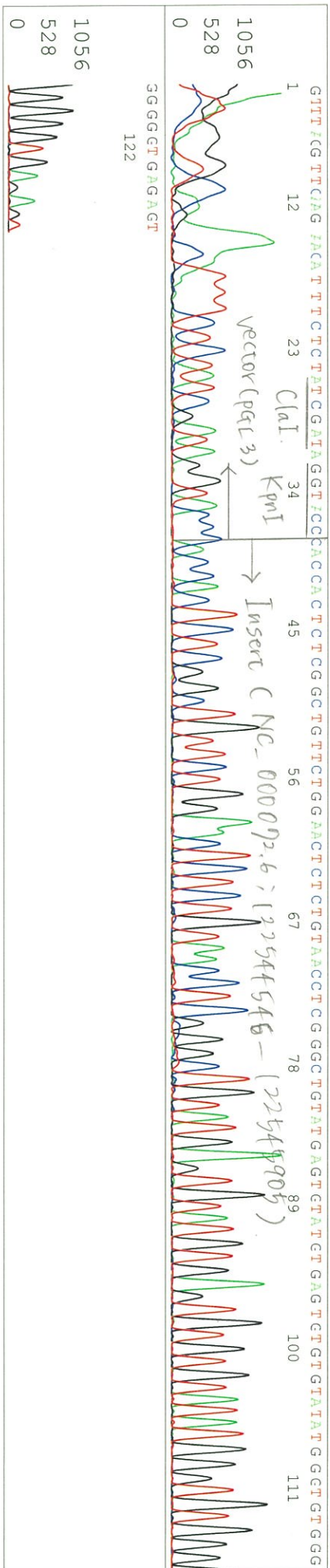
5'-TACGCAAAATAGGCTGTCCCC-3'

Pts 1422 to 2679 Pk1 Loc:1399

Spacing:13.25 Pts/Panel1350

Version 5.4 HISQV Bases: 103

Plate Name: 20140731_mix



S/N G:23 A:26 T:23 C:29

07869_07869_A4Gi_Luc_R

Jul 26, 2014 09:12AM, JST

KB.bcp

primer name β : Luc_R

KB_3500_POP7_BDTv3.mob

Jul 26, 2014 09:39AM, JST

KB 1.4.1.8 Cap:16

5'-ATGTCACCTCGATATGTG-3'

Pis 1431 to 13352 Pk1 Loc:1408

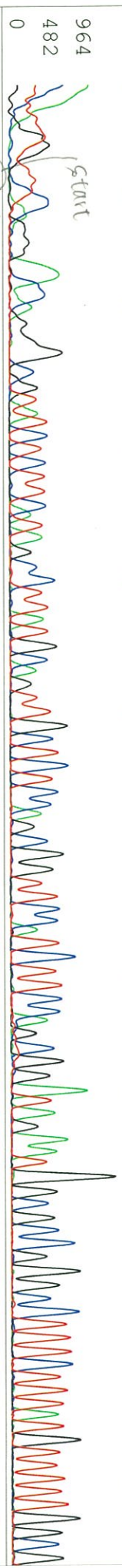
Spacing:12.07 Pst/Panel1350

KB 1.4.1.8 Cap:16

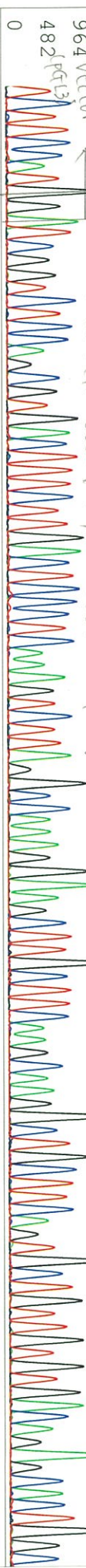
Version 5.4 HISQV Bases: 975

Plate Name: 20140731_mix

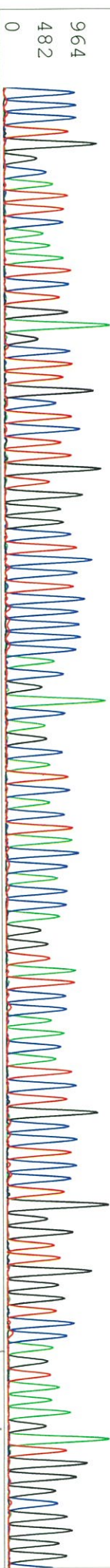
C T T G C T T T C C A A G G G A C C A G G G C G T T C T C T T C T T A G C C T T A T G C A G T T G C T C C A G C G G T T C C A T C T T C C A G C G A T A G A A T G C C C G G C C T T C T T T G G C C



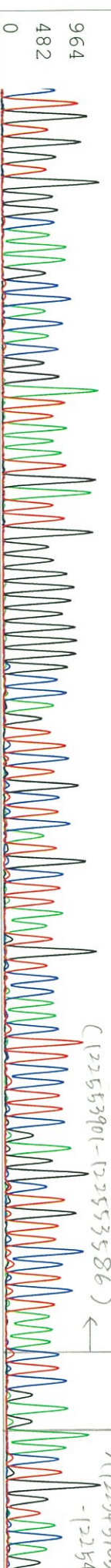
T C T T C C A T G G A T C G G T C T C C A G C C T T T G A C T C C C T C A A A G T C T T A G C C A A A G G A A G C C T T G C T T C A A G C A A G G C C T T C A G T G C T G T G T G A C A G A G C A C T G G C



C C C T T G G C A T T C A A A T C T G A G C T T G C T T G T G G G C C T C C C C C A C G A C A G C A T C A C C A C C A G G T A T C C A A C A T C T G C C T C T G G G T T G G G T C C A G T A A A G A T G G G C C G G G



C T G T G G T G G G C A A G C C A C A C G G A T T A A A T G A T T G G G G G G G G C C A G T T C T G C T T A A T G T C C A A C T T C C T T C G A G G C T T C C T T A A A C T C G A G A A C T G G T A C A G



C G G C A A A G C A G T T T A C A G G G T T T G A T C A A C T T T A T T T C T T C A T T A A C T T C T C T T C C C C T C A T T A A C T T C T A T T G A A A A C C A C A G C C A A C T T G G T C A C A C T T G T T T T



A A C C A A A A A T T A C T G T G A C T T G G A A A T C G A G T C G C C T G C G G C T G A G C T G A G T T T G G A C A T C C T G G A G T T C A C C A C C T C G G T T T C C C T A T G A G A C A C A C A G G T G A G G T T T C

