

**RIKEN Clone ID : SpYFH35G09**

Vector : pDual-YFH1c

Systematic Name	SPBC3E7.06c
ORF length	1734 bp

● Plasmid DNA purification

Date : 121001

Culture : LB (100 ug/ml Ampicillin) 5 ml -> 37°C O/N

Date : 121002

Purification : QIAGEN Miniprep kit -> dH<sub>2</sub>O 100 ul

● Digestion by restriction enzyme/Concentration calibration

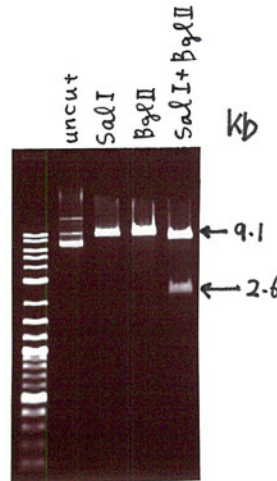
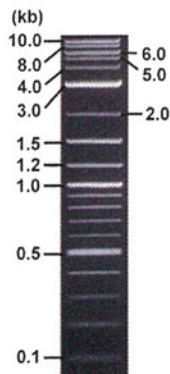
Date : 121002

DNA concentration (O.D.): 224 ng/ul

DNA	0.2 ul
Enzyme (SalI + BglII)	0.5 + 0.5 ul
Buffer H	1 ul
dH <sub>2</sub> O	7.8 ul
<b>Total</b>	<b>10 ul</b>

Electrophoresis : 0.8% agarose gel, 1x TAE Buffer

Marker : 2-Log DNA Ladder (NEB#N3200L)



<Expected digestion pattern from SpYFH35G09 >

9117, 2584 bp

● Adjust plasmid DNA solution to 25 ng/ul ~preparation for shipping~

Date : 121009

Shipping amount : 40 ul

Concentration at the time of preparation of plasmid DNA : 25 ng/ul

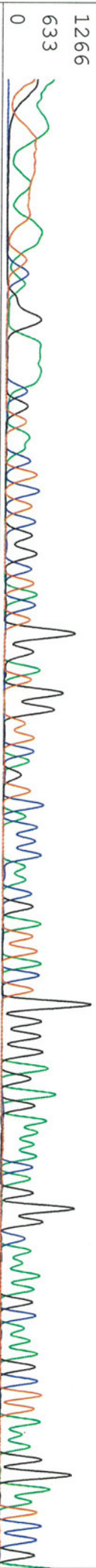
DNA ( <u>224</u> ng/ul)	<u>86.0</u> ul
10x TE	<u>77.1</u> ul
dH <sub>2</sub> O	<u>607.5</u> ul
<b>Total</b>	<b><u>770.6</u> ul</b>

S/N G:263 A:203 T:225 C:199  
 KB.bcp  
 KB 1.4.1.8 Cap:14

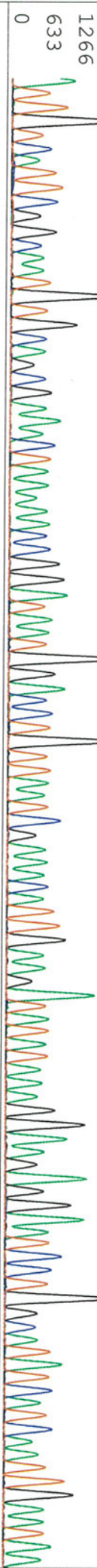
6107\_SpYFH35G09\_nmt1Fw\_E05\_14  
 6107\_SpYFH35G09\_nmt1Fw  
 KB\_3500\_POP7\_BDTV3.mob  
 Pts 1451 to 12632 Pk1 Loc:1428  
 Version 5.4 HISQV Bases: 942

Inst Model/Name 3500/3500 Instrument  
 Oct 03,2002 11:23AM, JST  
 Oct 03,2002 11:49AM, JST  
 Spacing:11.04 Pts/Panel1350  
 Plate Name: 20121003\_mix

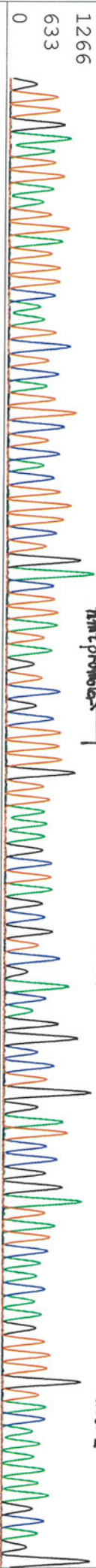
1 TA AATTTTAA TTTAA TCA G G A A A A C G T A A C T C T C G G C T A C T G G A T G G T T C A G T C A C C C A A C G A T T A C T G G G G A G A G A A A A C A G G C A A A A G C A A A G C T T A A A G G A A T C C G



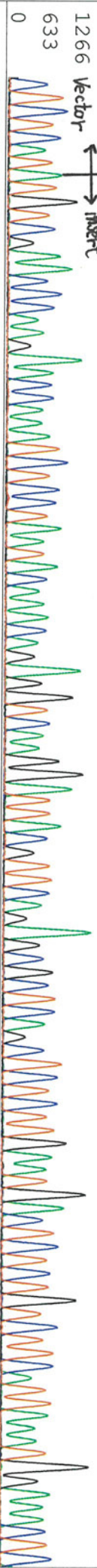
39 AT T G T C A T T C G G C A A T G T G C A G C G A A A C C G G A T A A T G A C C T G T T A A T C G A A A C A T T G A A G A T A T A T A A G G A A G A G G A A T C C T G G C A T A T C A T C A A T T G A A T A A



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



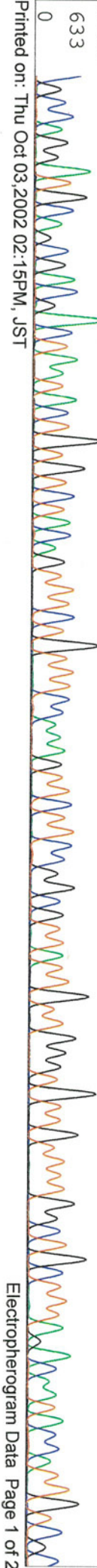
34 C T C T C A T T T G T C G A A C C C A A G A A C C A A A T C T C C T A A T A C A A A C A G A G T C A A G G A T T A C G T T C A G A G C C T C A G C T C T C T G A A T G A C T C T G T C T T C A T T A A A T G G A A A C T C



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



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





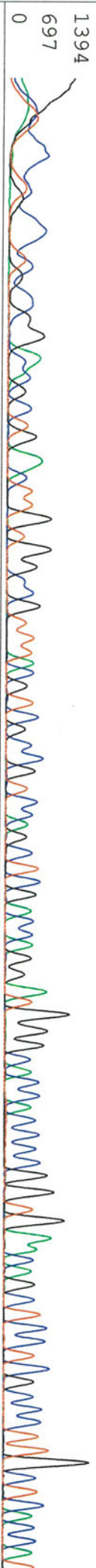
SN G:163 A:160 T:147 C:13 Primer B : YFP-R

KB.bcp

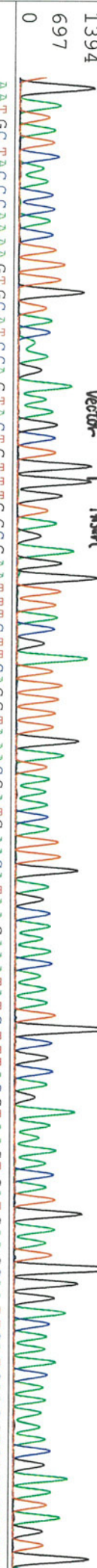
KB 1.4.1.8 Cap:17

5' GAACTTCAGGGTTCAGCTTGC 3'

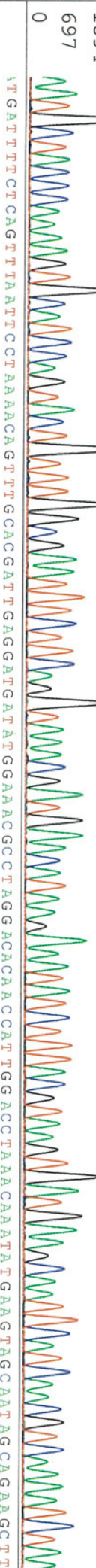
1 GGCCG CCA TGA C TCG CCG A TCG C TG A CT TG TGG CCG TT TAC G TC G CCG TC CAG C TC G ACCA G GAT G GGC ACCA C C CCG G TG AAC G C TCC TCG C C C C T T G C T C A C C A



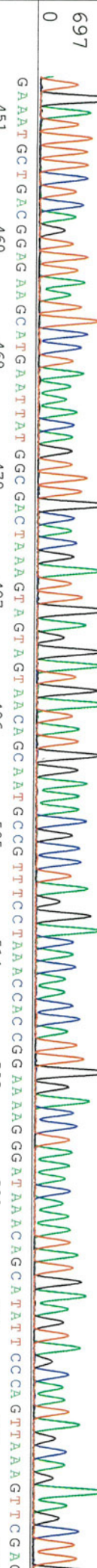
19 T G A T T C A A C C A C T T T G T A C A G A A A G C T G G G T A G A G T T A C G A T T T T G A T A A C A T T G A G C A A A C A A T G C C G A G A A A C A T G A A T G G G A C A A A C A A A A C G A A T A G T G



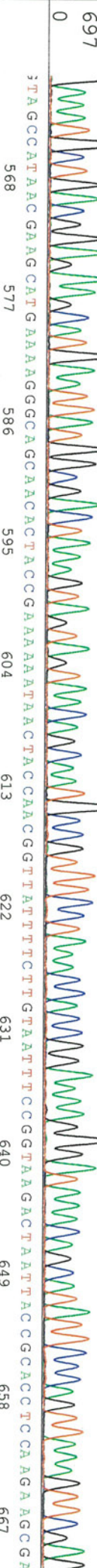
226 A A T G C T A C C C A A A A G T G C A T C C A G T A C T G T T T G C C G A A T T T C T T C A G G T A A A C G A T G A A C A T A A G A A A T A T C T T T A C G T A A G T G A T G A A G C A A T T C A A C G T C A A A A T C T A A



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



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



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

