

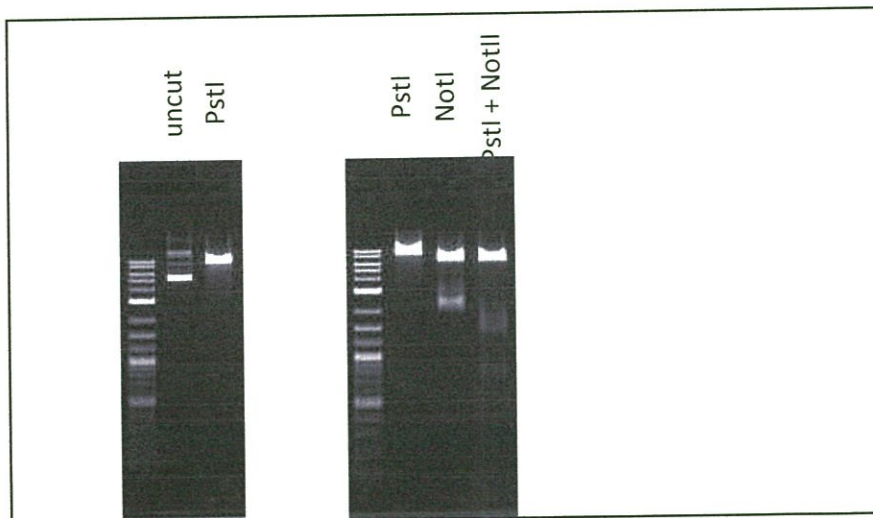
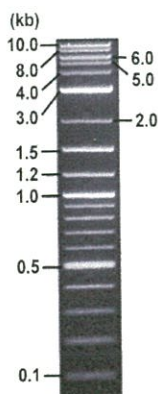


RIKEN DNA BANK

clone name : pLYS1U-HFC21c

- Clone ID : RDB_06470
- Lot : 12322_A3K1
- DNA Concentration : 25 nanogram/microliter
- Volume : 40 microgram
- Form : DNA solution in TE buffer
- Host : Survival2
- Culture : LB medium
- Antibiotics : 100 microgram/ml Amp, 33 microgram/ml Cm
- Purification : QIAGEN QIAprep Spin Miniprep kit
- Digestion by restriction enzyme

2-Log DNA Ladder
(NEB#N3200L),
125 ng/well



Electrophoresis : 74 nanogram DNA per lane ; 1% agarose gel , 1 x TAE Buffer

Restriction enzyme	Expected size of fragment
<u>PstI</u>	<u>9.1</u> kbp
<u>NotI</u>	<u>6.8, 2.3</u> kbp
<u>PstI + NotI</u>	<u>6.8, 1.4, 0.9</u> kbp
	kbp
	kbp

● Confirmation of the insertion sequence

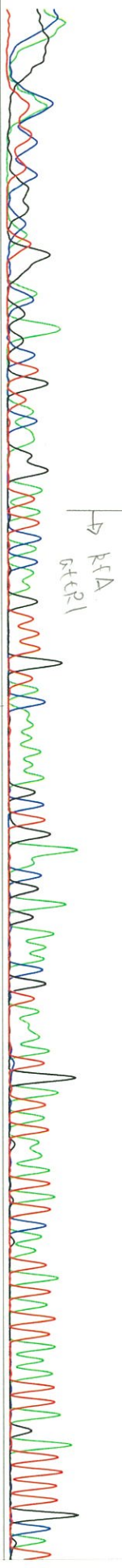
Sequence name	Primer name
Sequence - A	EGFP-C
Sequence - B	ADH_rev
Sequence - C	
Sequence - D	

APPROVED BY :



KB.bcp KB 1.4.1.8 Cap:22

1 GCGAGAAATTC TCGGCATGC /CGAGCTGTCA GGGTTTCACCAAGTTTGTACAAAAAAGCTGAAACGGAAGAAACGTTAAATGATTAAATATCAAATATTAAGATTGGCAI

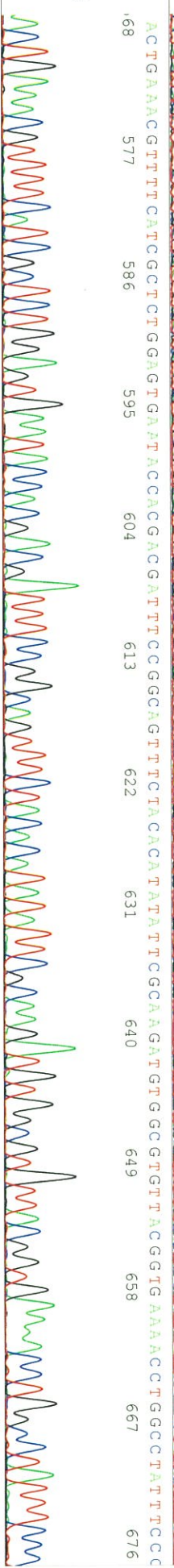


118 127 136 145 154 163 172 181 190 199 208 217 226
T T T G A C T T A G G A T C C G T C G A G A T T T T C A G G A G C T A A G A A A A T G G A G A A A A A A A T C A C T G G A T A C C C A G C T T T F C A C T T T A T G C T T C C G G C T C G T A T A A T G T G A

235 244 253 262 271 280 289 298 307 316 325 334
G G C A T T T C A G T C A G T T G C T C A A T G T A C T A C C T A A C C A G A C C G T T C A G C T T T T T A A A G A C C G T A A G A A A A A T A A G C A C A A G T T T T A T C C G G C T T A T T C A

343 352 361 370 379 388 397 406 415 424 433 442 451
I C A T T C T T G C C C C C C T G A T G A A T G C T C A T C C G G A A T T C C G T A T G G C A A T G A A A G A C C G T G A G C T T G T T A C A C C G T T T T C C A T G A G C A A

460 469 478 487 496 505 514 523 532 541 550 559
A C T G A A A C G T T T T C A T C G C T C T G G A G T G A A T A C C A C G A C G A T T T C C G G C A G T T C T A C A C A T A T T C C G A A G A T G T G C C G T T A C C G G T G A A A A C C T G G C C T A T T C C C



1 G AGCC TC TCA G A TTA G A TTT TCC G TTT TA AACCTAAGAGTCCCTTAAATTTGTATTACACTTATTTTITAACTTATTATAATAAATAAATCATTA

