

RIKEN Clone ID : H4021D03

Vector : pSPORT1

Gene	Cry2	
5' EST Sequence	H4021D03-5	589 bp
3' EST Sequence	H4021D03-3	510 bp

● Plasmid DNA purification

Date : 130115

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

Date : 130116

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

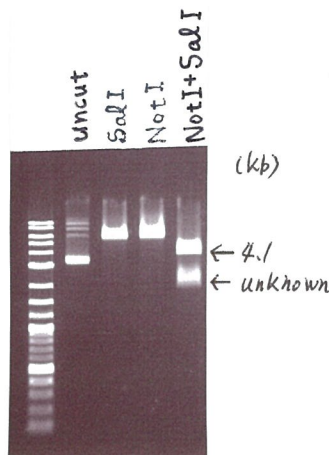
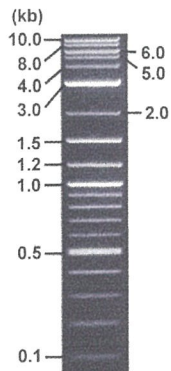
Date : 130116

DNA concentration (O.D.): 191 ng/ul

DNA	0.3 ul
Enzyme (NotI + SalI)	0.5 + 0.5 ul
Buffer H	1 ul
dH ₂ O	7.7 ul
Total	10 ul

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

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



<Expected digestion pattern from H4021D03 >

.....unknown, 4091 bp.....

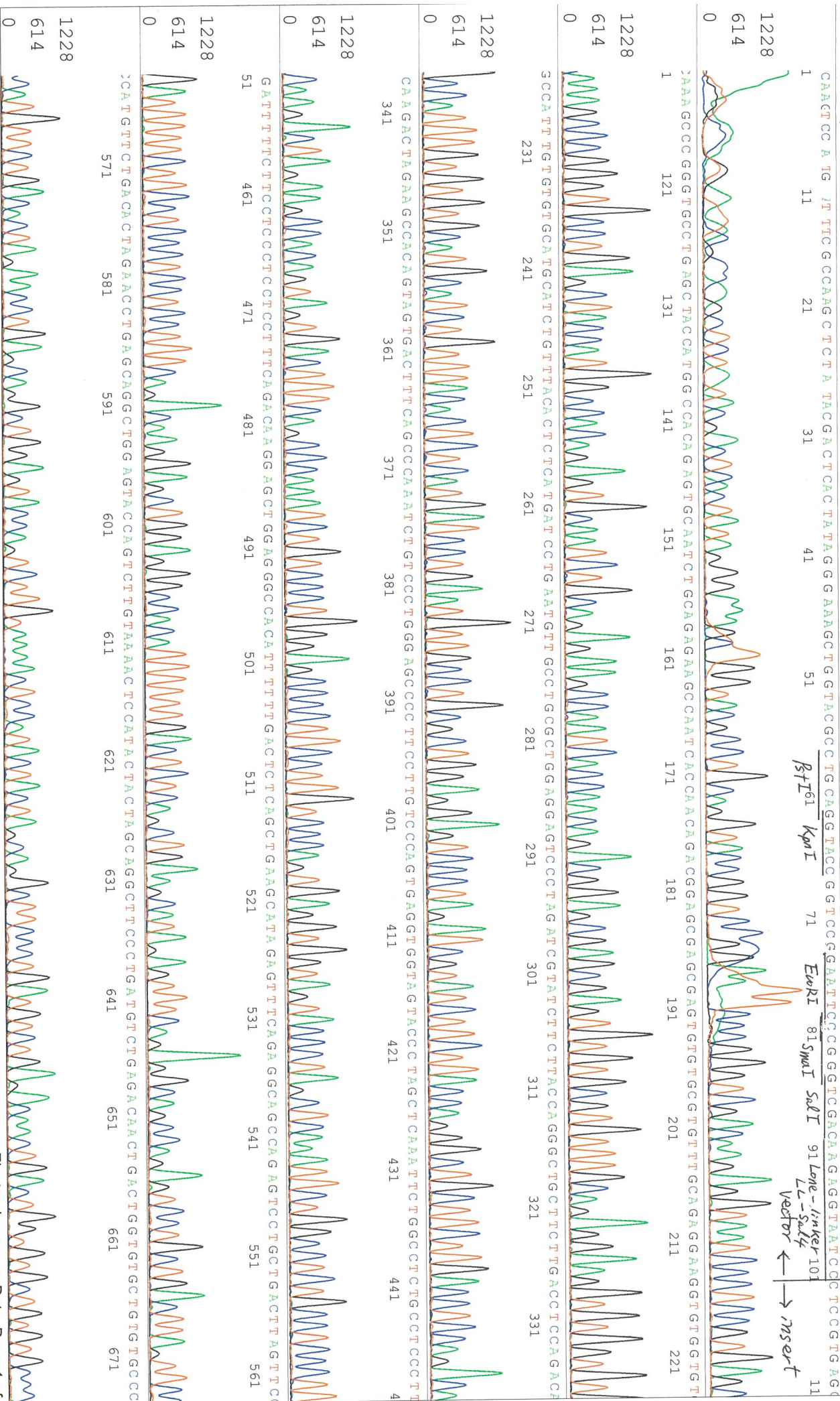
● Adjust plasmid DNA solution to 25 ng/ul ~preparation for shipping~

Date : 130123

Shipping amount : 40 ul

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

DNA (<u>191</u> ng/ul)	85.0 ul
10x TE	64.9 ul
dH ₂ O	499.5 ul
Total	649.4 ul



S/N G:108 A:74 T:73 C:60
 KB.bcp
 KB 1.4.1.8 Cap:18

Primer B : M13
 5' GTTTTCACAGTCAAGACGTTGTGA 3'
 Version 5.4 HISQV Bases: 995

Inst Model/Name 3500/3500 Instrument
 Jan 17, 2013 08:43PM, JST
 Jan 17, 2013 09:10PM, JST
 Spacing:12.32 Pts/Panel1350
 Plate Name: 130117-nakano

