

RIKEN Clone ID : H3023A03

Vector : pSPORT1

Gene	Smardcf1	
5' EST Sequence	H3023A03-5	597 bp
3' EST Sequence	H3023A03-3	391 bp

● Plasmid DNA purification

Date : 121129

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

Date : 121130

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

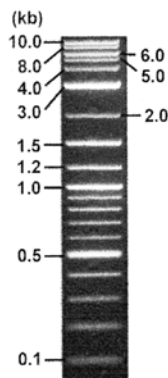
Date : 121130

DNA concentration (O.D.): 149 ng/ul

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

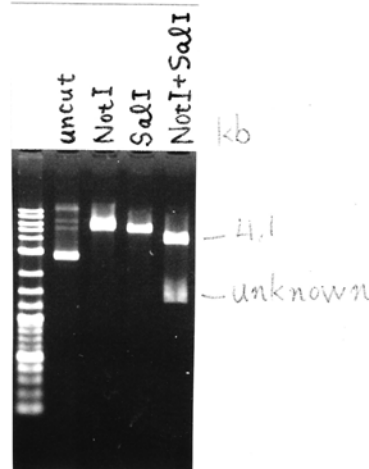
Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



<Expected digestion pattern from H3023A03 >

.....
unknown, 4091 bp



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

Date : 121210

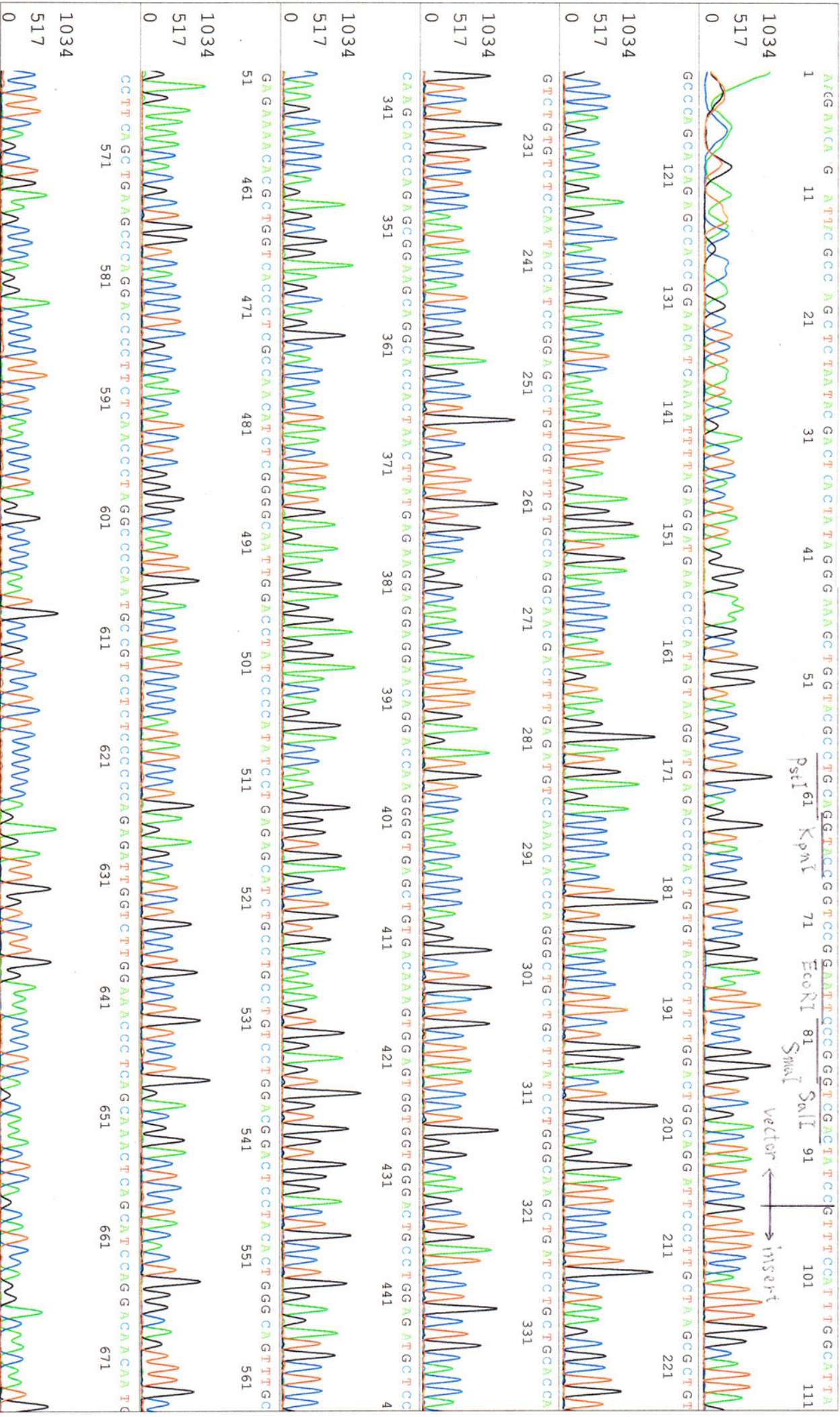
Shipping amount : 40 ul

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

DNA (<u>149</u> ng/ul)	86	ul
10x TE	51.2	ul
dH ₂ O	375.3	ul
Total	512.5	ul



S/N G:200 A:134 T:121 C:145
KB bcp
KB 1.4.1.8 Cap:22
Primer A : Reverse2
5' GCGGATAACAATTTTCACACAGG 3'



S/N G:334 A:199 T:182 C:177

Primer B : M13

5723_H3023A03_M13(-40)_2

KB_3500_POP7_BDTV3.mob

Pis 1249 to 13573 Pk1 Loc:1226

Version 5.4 HiSeqV Bases: 1028

Dec 04, 2012 10:42AM, JST
Dec 04, 2012 11:08AM, JST
Spacing: 12.16 Pfs/Panel1350
Plate Name: 20121204_mix

KB: 1.4.1.8 Cap: 17

5' GTT'TTCCAGTTCAGGAGCTTGTGA 3'

Vector

