Gene Engineering Division
RIKEN BioResource Center

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_2O 100 ul

● Digestion by restriction enzyme/Concentrarion calibration

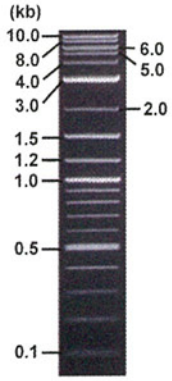
Date : 121002

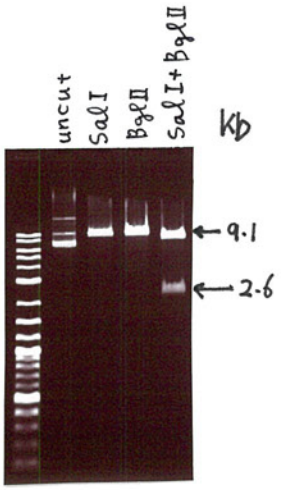
DNA concentration (O.D.): 224 ng/ul

DNA	0.2 ul
Enzyme.(SalI + BglII)	0.5 + 0.5 ul
Buffer H	1 ul
dH_2O	7.8 ul
Total	10 ul

Erectrophoresis : 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 (224 ng/ul)	86.0 ul
10x TE	77.1 ul
dH_2O	607.5 ul
Total	770.6 ul

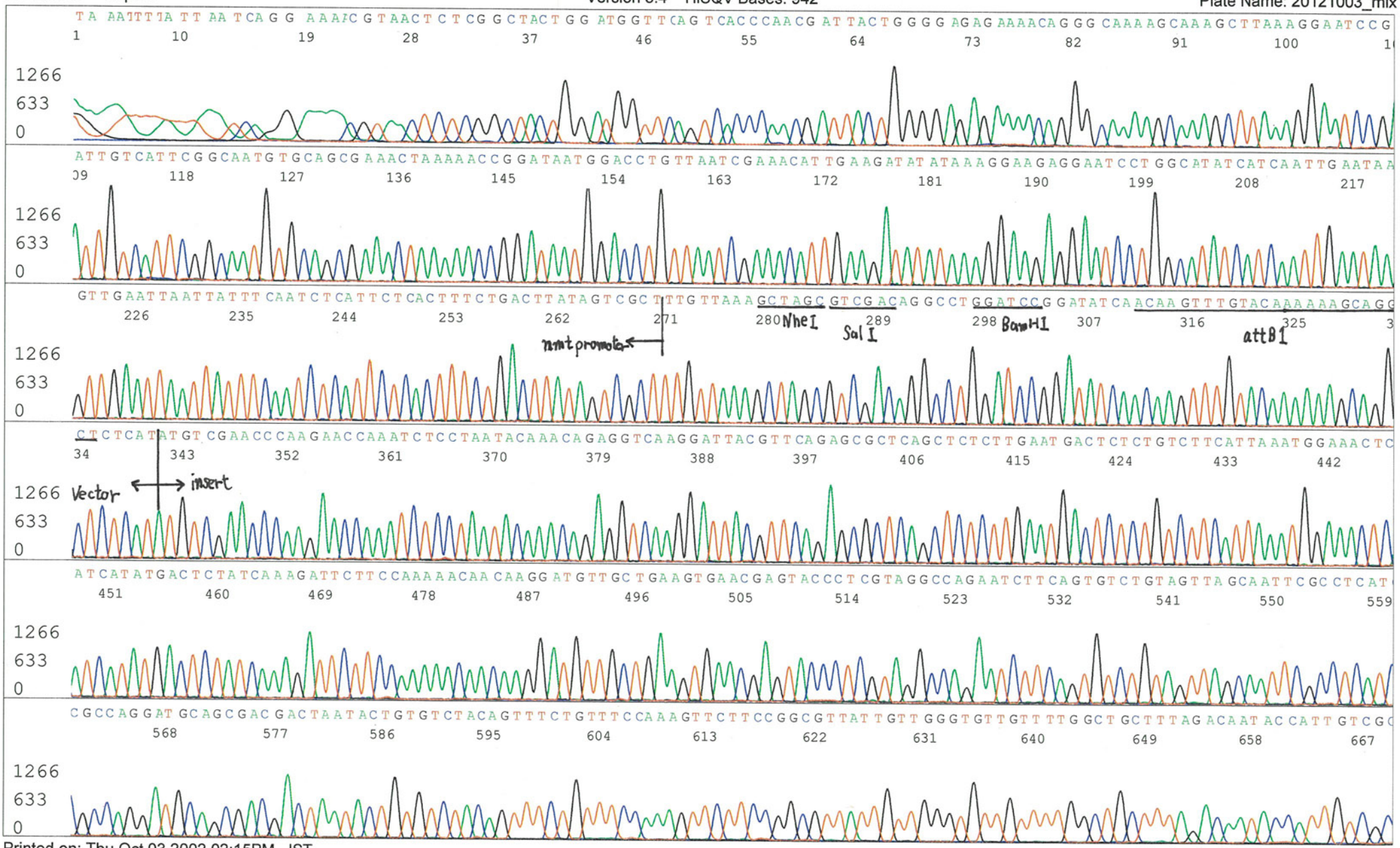
Applied Biosystems

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

Primer A : nmt1-F
5' GCTGTAAAACACCACGAGAC 3'

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



Applied Biosystems

S/N G:163 A:160 T:147 C:13 Primer B : YFP-R
KB.bcp
KB 1.4.1.8 Cap:17
5' GAACTTCAGGGTCAGCTTGC 3'

6107_SpYFH35G09_YFP_R_F05_17
6107_SpYFH35G09_YFP_R
KB_3500_POP7_BDTv3.mob
Pts 1453 to 12503 Pk1 Loc:1430
Version 5.4 HiSQV Bases: 979

Inst Model/Name 3500/3500 Instrument
Oct 03,2002 11:23AM, JST
Oct 03,2002 11:49AM, JST
Spacing:10.9 Pts/Panel1350
Plate Name: 20121003_mix