Gene Engineering Division
RIKEN BioResource Center

RIKEN_Clone_ID : ARi11B02

Vector : pGCAP10

Gene	KLHL5		
RefSeq_mRNA	NM_001007075.2	7666 bp	1..7666
	CDS	2130 bp	360..2489
	5'-terminal sequence	7599 bp	68..7666

● **Plasmid DNA purification**

Date : 120705 Culture : LB (100 ug/ml Ampicillin) 5 ml -> 37℃ O/N

Date : 120706 Purification : QIAGEN Miniprep kit -> dH_2O 100 ul

● **Digestion by restriction enzyme/Concentrarion calibration**

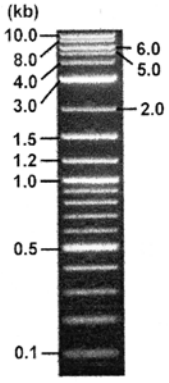
Date : 120706.

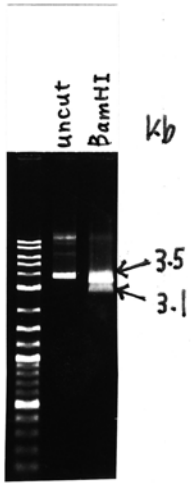
DNA concentration (O.D.): 134 ng/ul

DNA	0.3 ul
Enzyme (BamHI)	1 ul
Buffer H	1 ul
dH_2O	7.7 ul
Total	10 ul

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

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





<Expected digestion pattern from ARi11B02 >

7800, 3138 bp (inference)

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

Date : 120720 Shipped : 25 ng/ul, 40 ul

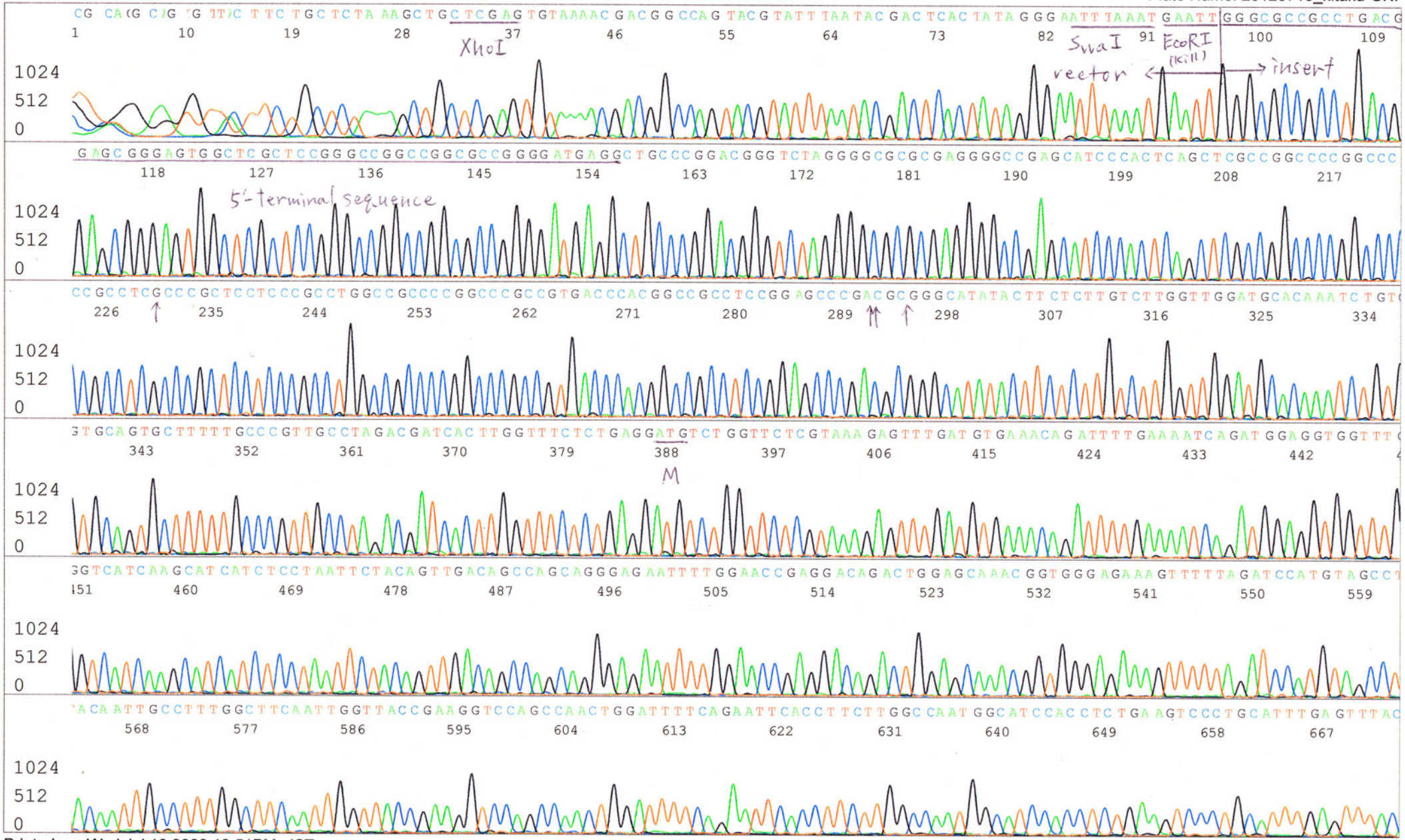
DNA (134 ng/ul)	62.0 ul
10x TE	33.2 ul
dH_2O	237.1 ul
Total	332.3 ul

Applied Biosystems

S/N G:699 A:507 T:530 C:514
KB.bcp
KB 1.4.1.8 Cap:18

7675_ARi11B02_pGCAP_F_F09_18
7675_ARi11B02_pGCAP_F
KB_3500_POP7_BDTv3.mob
Pts 1304 to 12961 Pk1 Loc:1281
Version 5.4 HiSQV Bases: 992

Inst Model/Name 3500/3500 Instrument
Jul 10,2002 10:14AM, JST
Jul 10,2002 10:40AM, JST
Spacing:11.39 Pts/Panel1350
Plate Name: 20120710_kitaku-GNP

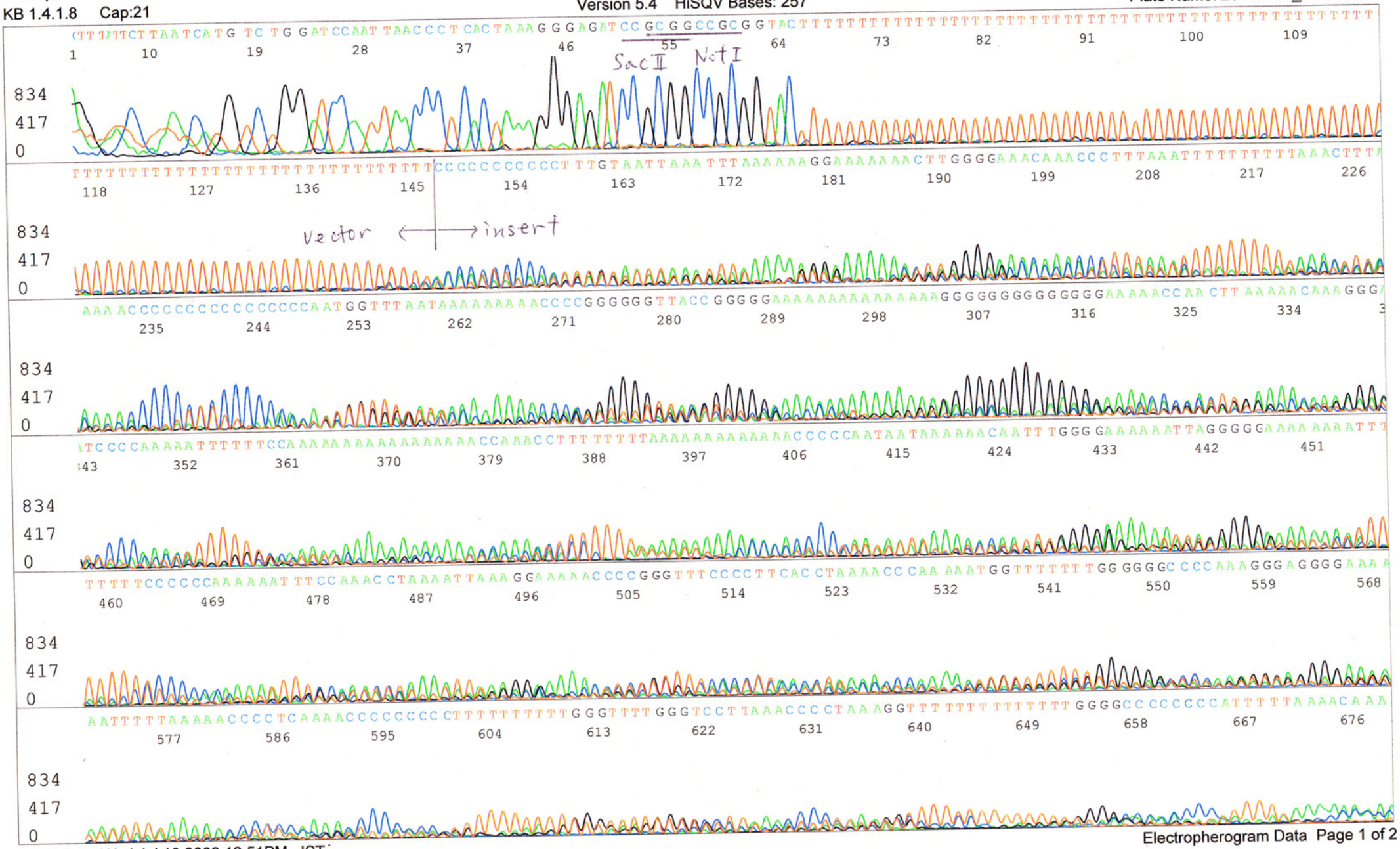


Applied Biosystems

S/N G:14 A:21 T:22 C:12
KB.bcp
KB 1.4.1.8 Cap:21

7675_ARi11B02_pGCAP_R_G09_21
7675_ARi11B02_pGCAP_R
KB_3500_POP7_BDTv3.mob
Pts 1301 to 12778 Pk1 Loc:1278
Version 5.4 HiSQV Bases: 257

Inst Model/Name 3500/3500 Instrument
Jul 10,2002 10:14AM, JST
Jul 10,2002 10:40AM, JST
Spacing:11.39 Pts/Panel1350
Plate Name: 20120710_kitaku-GNP



Applied Biosystems

S/N G:130 A:114 T:132 C:74
KB.bcp
KB 1.4.1.8 Cap:2

7675_ARi11B02_GNP01_A02_02
7675_ARi11B02_GNP01
KB_3500_POP7_BDTv3.mob
Pts 1341 to 13694 Pk1 Loc:1318
Version 5.4 HiSQV Bases: 1051

Inst Model/Name 3500/3500 Instrument
Jul 13,2002 09:30AM, JST
Jul 13,2002 10:08AM, JST
Spacing:11.92 Pts/Panel1350
Plate Name: 120713_mix

