Genome Network Project_Full -Length cDNA clone

RIKEN_clone ID: ARe37H05

Vector : pKA1U5

Gene	VCL		
Ref Seq	NM_014000.2	5647 bp	1..5647
	CDS	3405 bp	95..3499
	5'-terminal sequence	5638 bp	10..5647

●Plasmid DNA purification

Date : 111226 Culture : LB (100 ug/ml Ampicillin) 5 ml →37℃ O/N

Date : 111227 Purification : QIAGEN Miniprep kit→dH_2O 100 ul

●Digestion by restriction enzyme / Concentrarion calibration

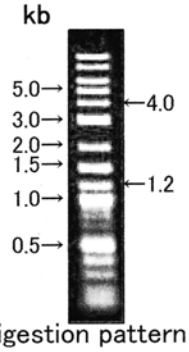
Date : 111227

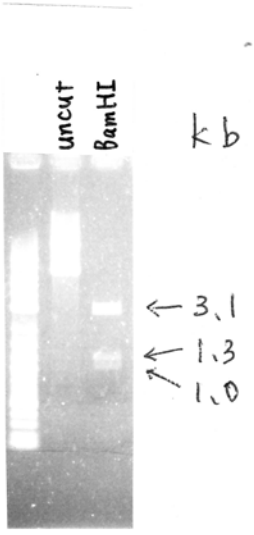
DNA concentration (O.D.): 198 ng/ul

DNA	0.6 ul
Enzyme (BamH I)	1 ul
Buffer H	1 ul
dH_2O	7.4 ul
Total	10 ul

Erectrophoresis: 1% agarose gel, 1×TAE Buffer

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





<Expected digestion pattern from ARe37H05>

3138, 3134, 1255, 1079, 210, 143, 40 bp (inference)

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

Date : 120111 Shipped : 25 ng/ul, 40 ul

Final concentration: 25 ng/ul

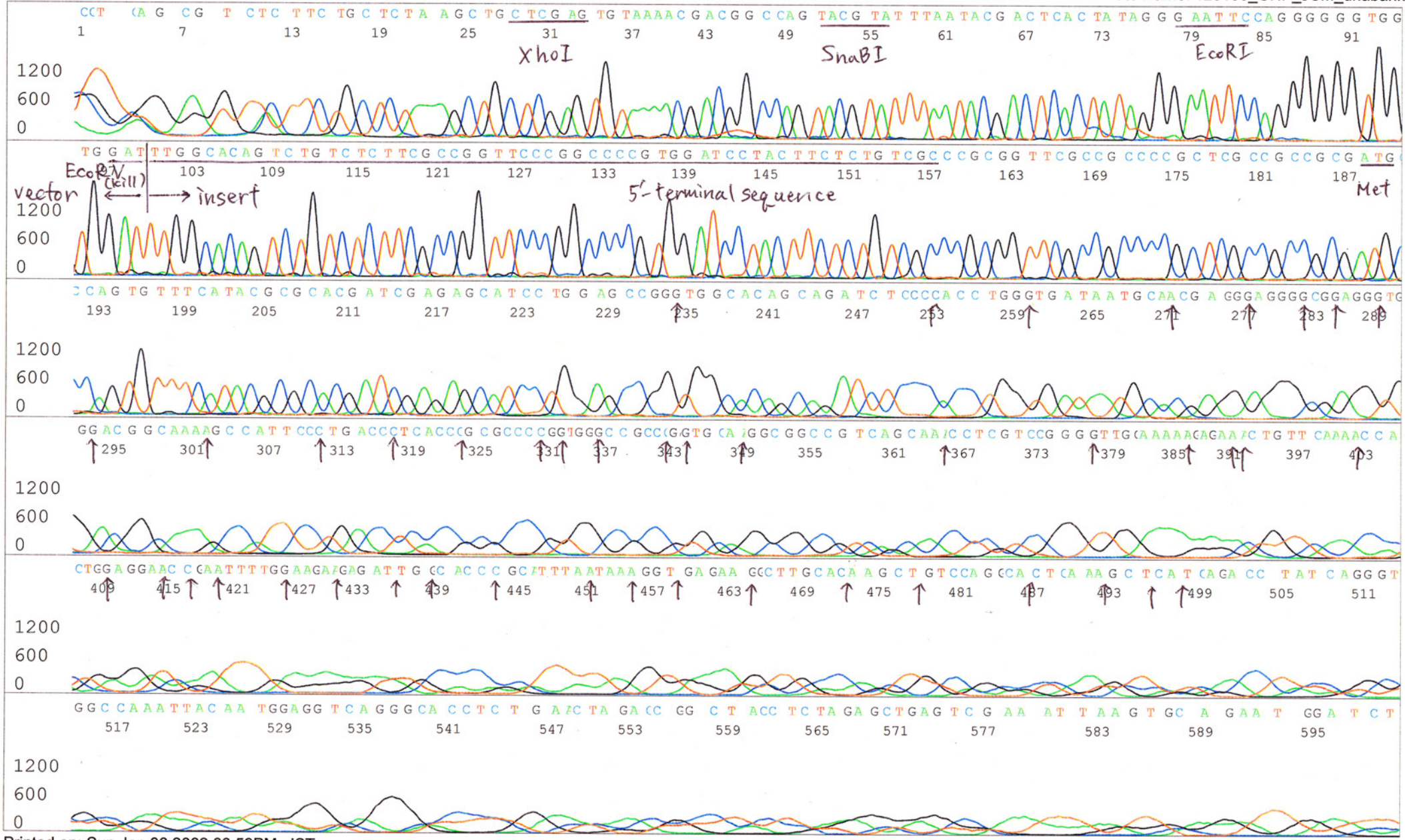
DNA (198 ng/ul)	80 ul
10×TE	63.4 ul
dH_2O	490.2 ul
Total	633.6 ul

Applied Biosystems

S/N G:420 A:330 T:374 C:372
KB.bcp
KB 1.4.1.8 Cap:3

7672_ARe37H05_pGCAP_F_A09_03
7672_ARe37H05_pGCAP_F
KB_3500_POP7_BDTv3.mob
Pts 2132 to 15926 Pk1 Loc:2109
Version 5.4 HiSQV Bases: 272

Inst Model/Name 3500/3500 Instrument
Jan 06,2002 01:49PM, JST
Jan 06,2002 02:15PM, JST
Spacing:13.25 Pts/Panel1350
Plate Name: 120106_GNP_JCM_dnabank

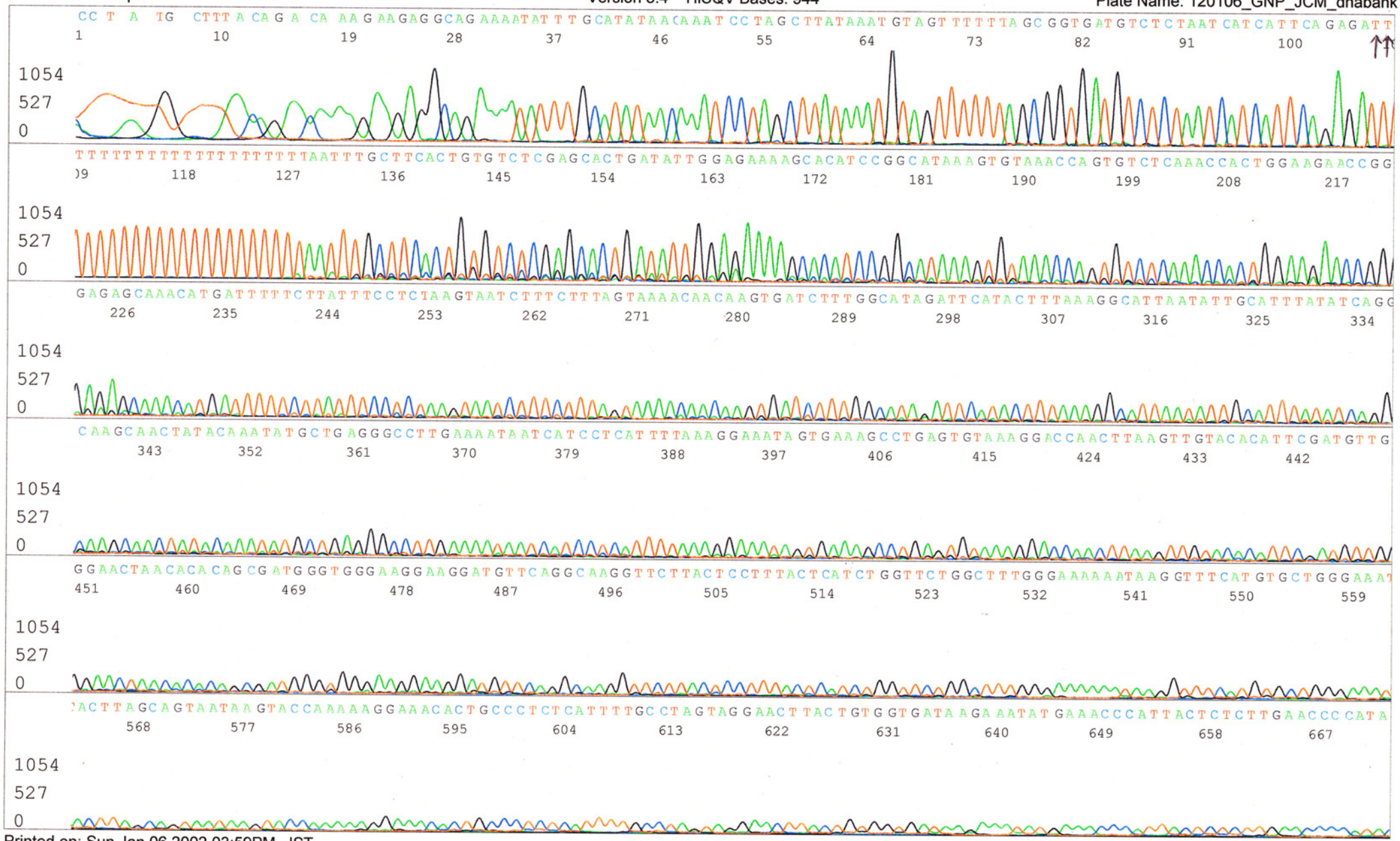


Applied Biosystems

S/N G:932 A:956 T:784 C:584
KB.bcp
KB 1.4.1.8 Cap:9

7672_ARe37H05_GNP37_C09_09
7672_ARe37H05_GNP37
KB_3500_POP7_BDTv3.mob
Pts 1388 to 12535 Pk1 Loc:1365
Version 5.4 HiSQV Bases: 944

Inst Model/Name 3500/3500 Instrument
Jan 06,2002 01:49PM, JST
Jan 06,2002 02:15PM, JST
Spacing:11.27 Pts/Panel1350
Plate Name: 120106_GNP_JCM_dnabank



Printed on: Sun Jan 06,2002 03:59PM, JST