Genome Network Project_Full -Length cDNA clone

RIKEN_Clone_ID : ARe64D05

Vector : pKA1U5

Gene	PLXNB2		
RefSeq_mRNA	NM_012401.3	6356 bp	1..6356
	CDS	5517 bp	94..5610
	5'-terminal sequence	6356 bp	1..6356

● **Plasmid DNA purification**

Date : 120528 Culture : LB (100 ug/ml Ampicillin) 5 ml -> 37°C O/N

Date : 120529 Purification : QIAGEN Miniprep kit -> dH_2O 100 ul

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

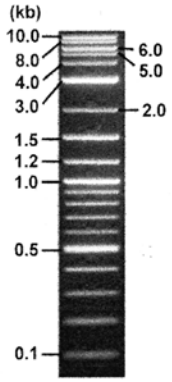
Date : 120529

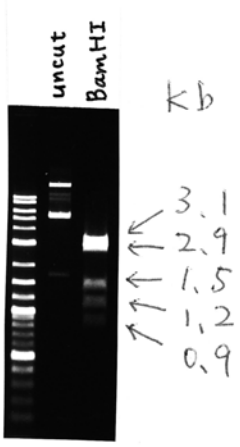
DNA concentration (O.D.): 235 ng/ul

DNA	0.2 ul
Enzyme (BamHI)	1 ul
Buffer H	1 ul
dH_2O	7.8 ul
Total	10 ul

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

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





<Expected digestion pattern from ARe64D05 >

3138, 2853, 1508, 1179, 870, 160 bp (inference)

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

Date : 120606 Shipped : 25 ng/ul, 40 ul

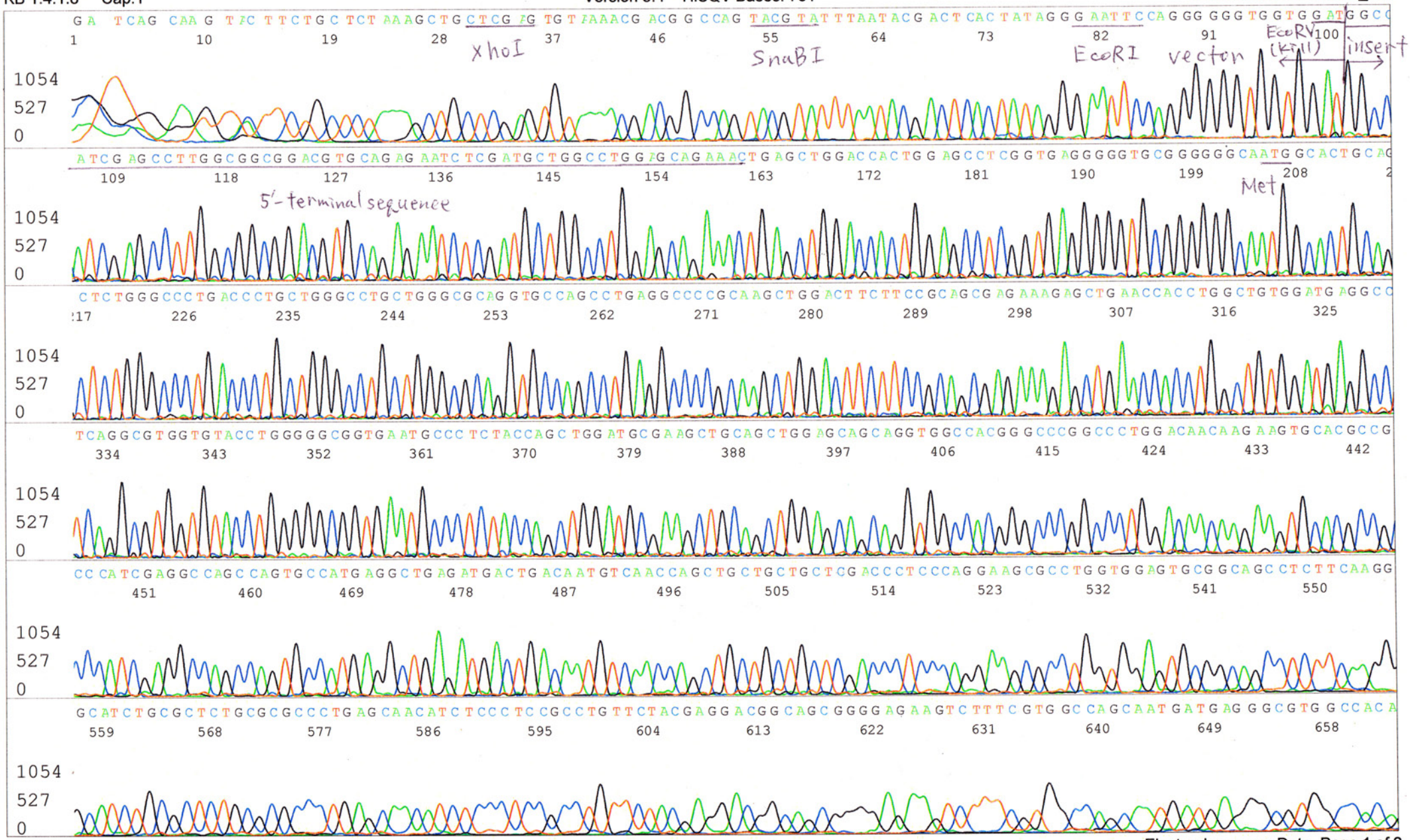
DNA (235 ng/ul)	86	ul
10x TE	80.8	ul
dH_2O	641.6	ul
Total	808.4	ul

Applied Biosystems

S/N G:134 A:65 T:75 C:86
KB.bcp
KB 1.4.1.8 Cap:1

7672_ARe64D05_pGCAP_F_A01_01
7672_ARe64D05_pGCAP_F
KB_3500_POP7_BDTv3.mob
Pts 1768 to 12493 Pk1 Loc:1745
Version 5.4 HiSQV Bases: 781

Inst Model/Name 3500/3500 Instrument
Jun 01,2002 10:22AM, JST
Jun 01,2002 10:49AM, JST
Spacing:10.79 Pts/Panel1350
Plate Name: 20120601_mix

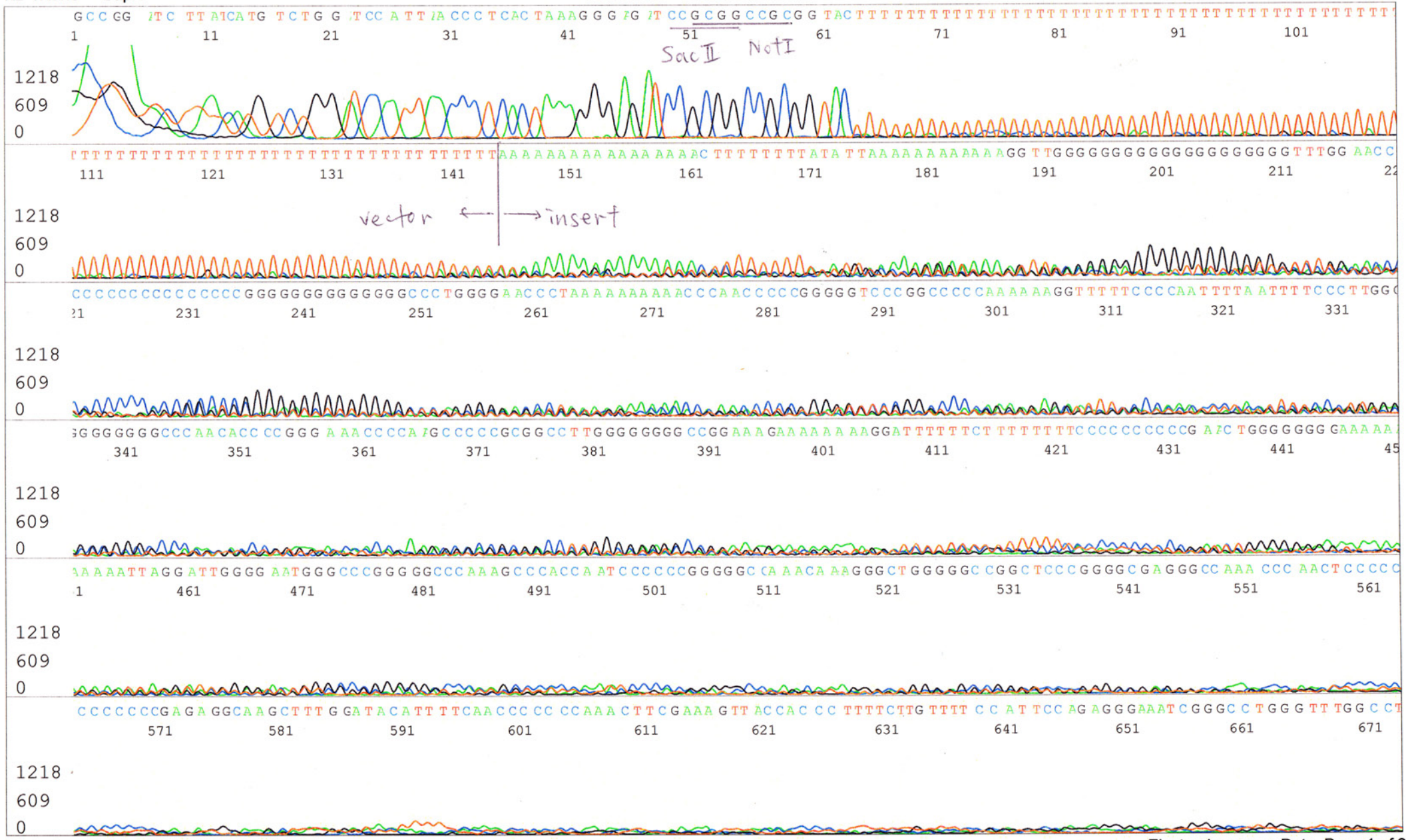


Applied Biosystems

S/N G:34 A:23 T:40 C:35
KB.bcp
KB 1.4.1.8 Cap:4

7672_ARe64D05_pGCAP_R_B01_04
7672_ARe64D05_pGCAP_R
KB_3500_POP7_BDTv3.mob
Pts 1752 to 12436 Pk1 Loc:1729
Version 5.4 HiSQV Bases: 290

Inst Model/Name 3500/3500 Instrument
Jun 01,2002 10:22AM, JST
Jun 01,2002 10:49AM, JST
Spacing:10.79 Pts/Panel1350
Plate Name: 20120601_mix



Applied Biosystems

S/N G:140 A:76 T:105 C:119
KB.bcp
KB 1.4.1.8 Cap:7

7672_ARe64D05_GNP08_C01_07
7672_ARe64D05_GNP08
KB_3500_POP7_BDTv3.mob
Pts 1751 to 12472 Pk1 Loc:1728
Version 5.4 HiSQV Bases: 834

Inst Model/Name 3500/3500 Instrument
Jun 01,2002 10:22AM, JST
Jun 01,2002 10:49AM, JST
Spacing:10.78 Pts/Panel1350
Plate Name: 20120601_mix

