NRCD Human Full -Length cDNA clone

RIKEN_clone ID: RBdS070L02

Vector : pGCAP10

Gene	MGEA5		
Ref Seq	NM_012215.3	5220 bp	1..5220
	CDS	2751 bp	444..3194
	5'-terminal sequence	5175 bp	46..5220

●Plasmid DNA purification

Date : 111003 Culture : LB (100 ug/ml Ampicillin) 5 ml →37℃ O/N

Date : 111004 Purification : QIAGEN Miniprep kit→dH_2O 100 ul

●Digestion by restriction enzyme / Concentrarion calibration

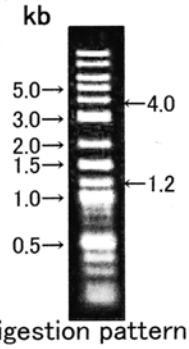
Date : 111004

DNA concentration (O.D.): 238 ng/ul

DNA	0.5 ul
Enzyme (BamH I)	1 ul
Buffer H	1 ul
dH_2O	7.5 ul
Total	10 ul

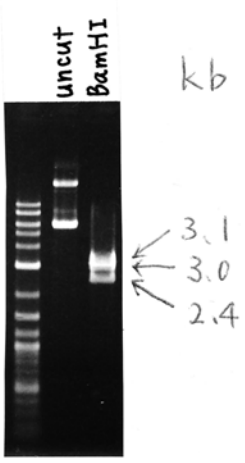
Erectrophoresis: 1% agarose gel, 1×TAE Buffer

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



<Expected digestion pattern from RBdS070L02 >

3138, 2967, 2427 bp (inference)



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

Date : 111005 Shipped : 25 ng/ul, 40 ul

Final concentration: 25 ng/ul

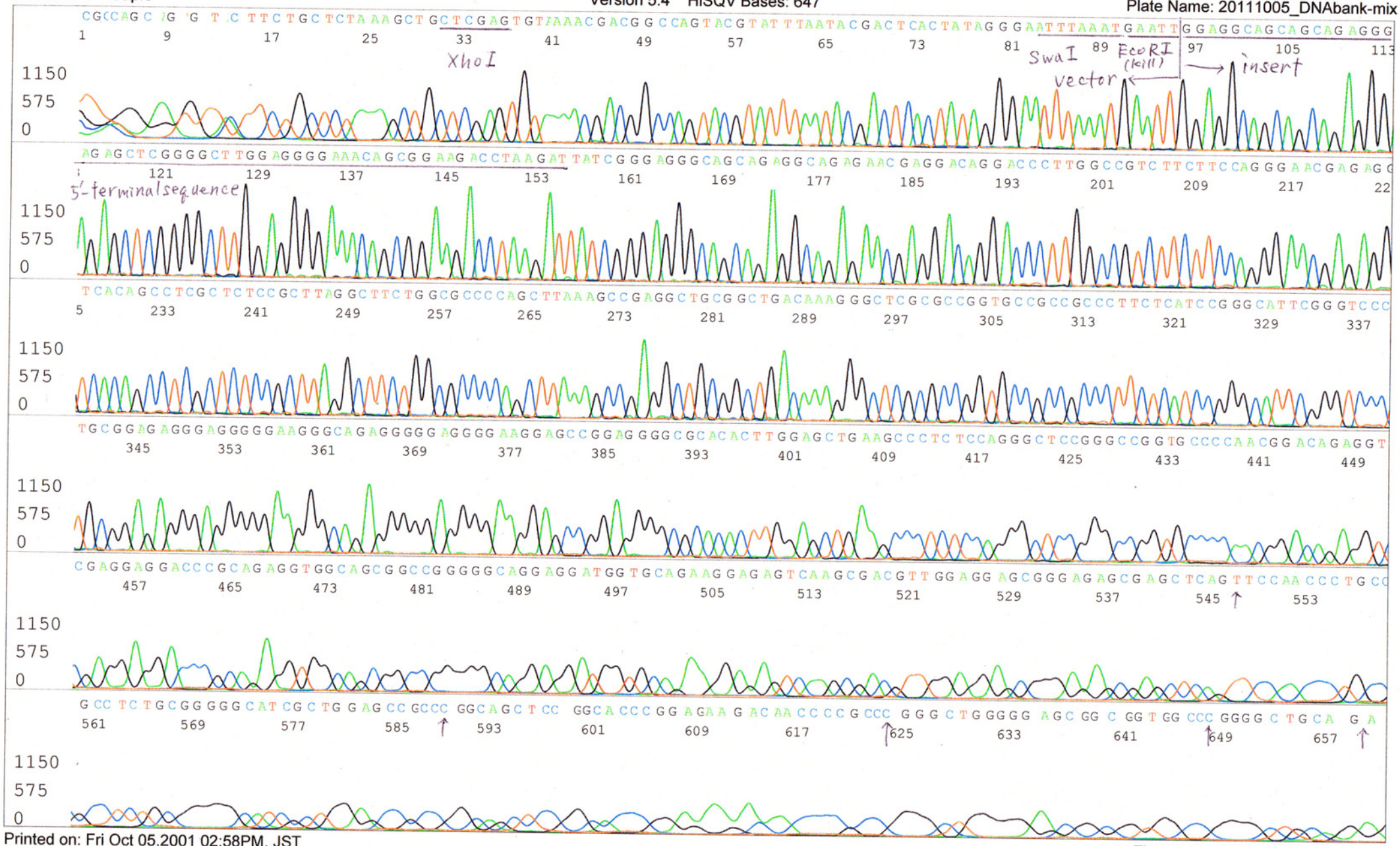
DNA (238 ng/ul)	85 ul
10×TE	80.9 ul
dH_2O	643.3 ul
Total	809.2 ul

Applied Biosystems

S/N G:914 A:606 T:470 C:603
KB.bcp
KB 1.4.1.8 Cap:3

6608_RBdS070L02_pGCAP_F_A06_03
~~6608_RBdS070L029_pGCAP_F~~
KB_3500_POP7_BDTv3.mob
Pts 1594 to 12173 Pk1 Loc:1571
Version 5.4 HiSQV Bases: 647

Inst Model/Name 3500/3500 Instrument
Oct 05,2001 09:19AM, JST
Oct 05,2001 09:45AM, JST
Spacing:11.39 Pts/Panel1350
Plate Name: 20111005_DNAbank-mix



Applied Biosystems

S/N G:324 A:354 T:285 C:290
KB.bcp
KB 1.4.1.8 Cap:9

6608_RBdS070L02_GNP41_C06_09
~~6608_RBdS070L029_pGCAP_GNP41~~
KB_3500_POP7_BDTv3.mob
Pts 1865 to 15659 Pk1 Loc:1842
Version 5.4 HiSQV Bases: 456

Inst Model/Name 3500/3500 Instrument
Oct 05,2001 09:19AM, JST
Oct 05,2001 09:45AM, JST
Spacing:13.25 Pts/Panel1350
Plate Name: 20111005_DNAbank-mix

