

RIKEN Clone ID : W01A048G12

Vector : pENTR-TOPO

Gene	CHRM2		
Accession No.	AK125233.1	2406 bp	1..2406
	<i>GDS</i>	-	-..-

● Plasmid DNA purification

Date : 130430

Culture : LB (25 ug/ml Kanamycin) 5 ml → at 37 deg C O/N

Date : 130501

Purification : QIAGEN Miniprep kit → dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 130501

DNA concentration (O.D.): 53 ng/ul

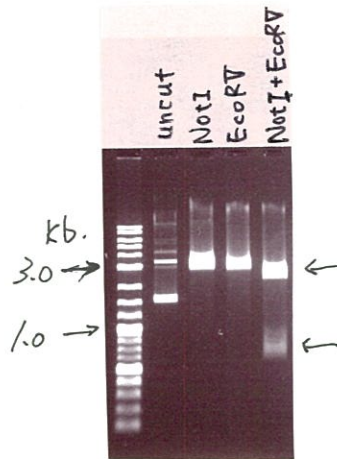
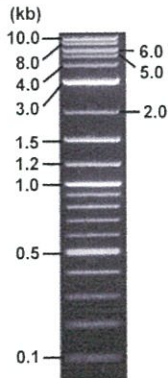
<Expected size of fragment from AK125233.1 >

DNA	0.8	ul
Enzyme (NotI + EcoRV)	0.5 + 0.5	ul
Buffer H	1	ul
dH ₂ O		ul
Total	10	ul

	size not identified.	
NotI	-	bp
EcoRV	-	bp
NotI + EcoRV	-	bp 2553 bp (vector)

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Confirmation of the insertion sequence

Date : 130509

Primer A	M13
Primer B	T7 long
Primer C	-
List of Sequencing Primers	http://dna.brc.riken.jp/en/GNPclone3en.html

● Adjustment of DNA concentration

Shipping amount : 40 ul

Concentration at the time of preparation of plasmid DNA : 25 ng/u

Date : 130509

DNA (<u>53</u> ng/ul)	80.0	ul
10x TE	17.0	ul
dH ₂ O	72.6	ul
Total	169.6	ul



APPROVED BY :

<http://dna.brc.riken.jp/index.html>

S/N G:33 A:24 T:17 C:25

Primer A : M13

W01A048G12_A3Du_M13(-40)

May 08, 2013 10:57AM, JST

KB.bcp

5' G T T T T C C A G T C A C G A C G T T G T A 3'

KB_3500_POP7_BDTV3.mob

May 08, 2013 11:24AM, JST

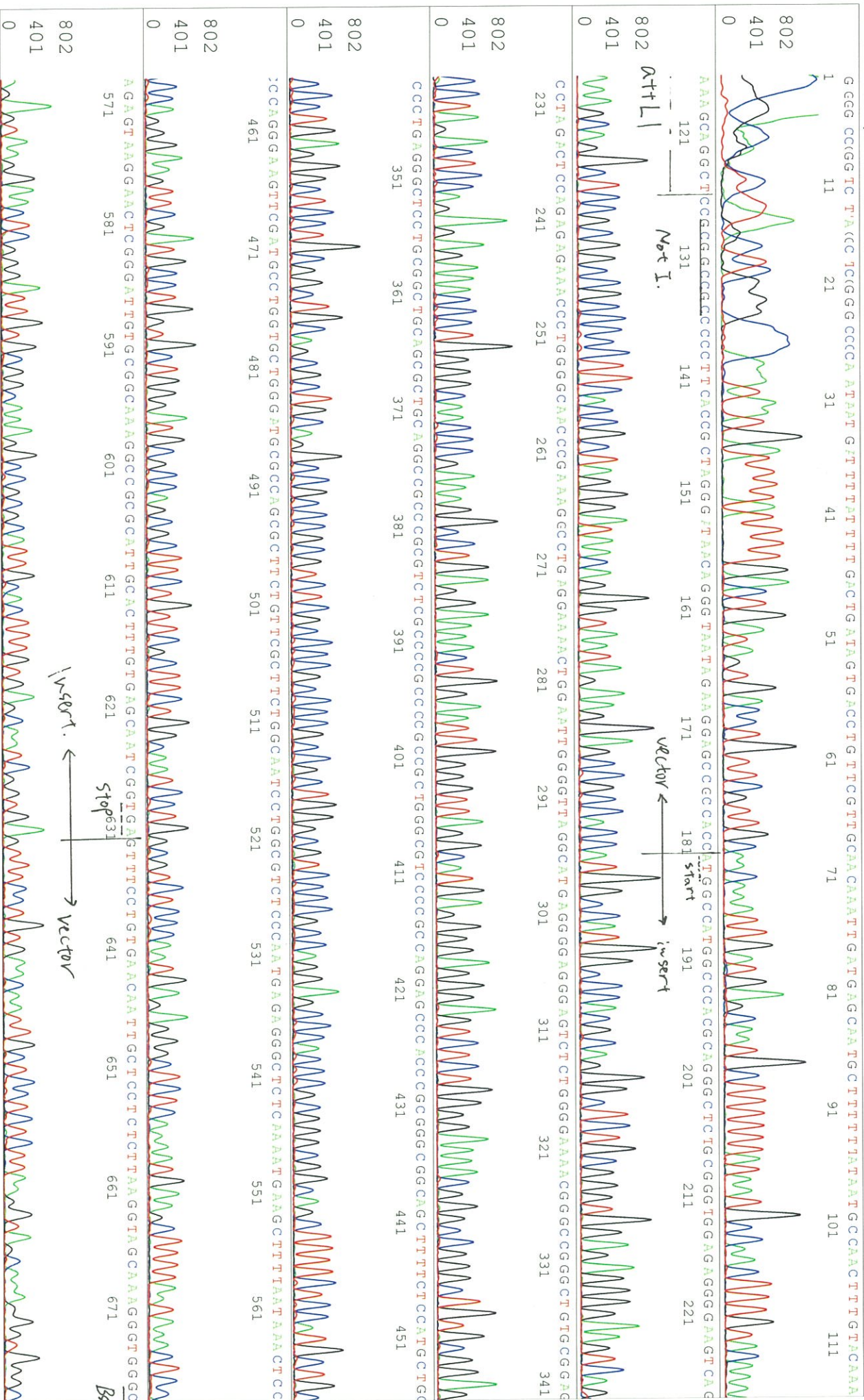
KB 1.4.1.8 Cap.7

Pts 1463 to 13398 PK1 Loc:1440

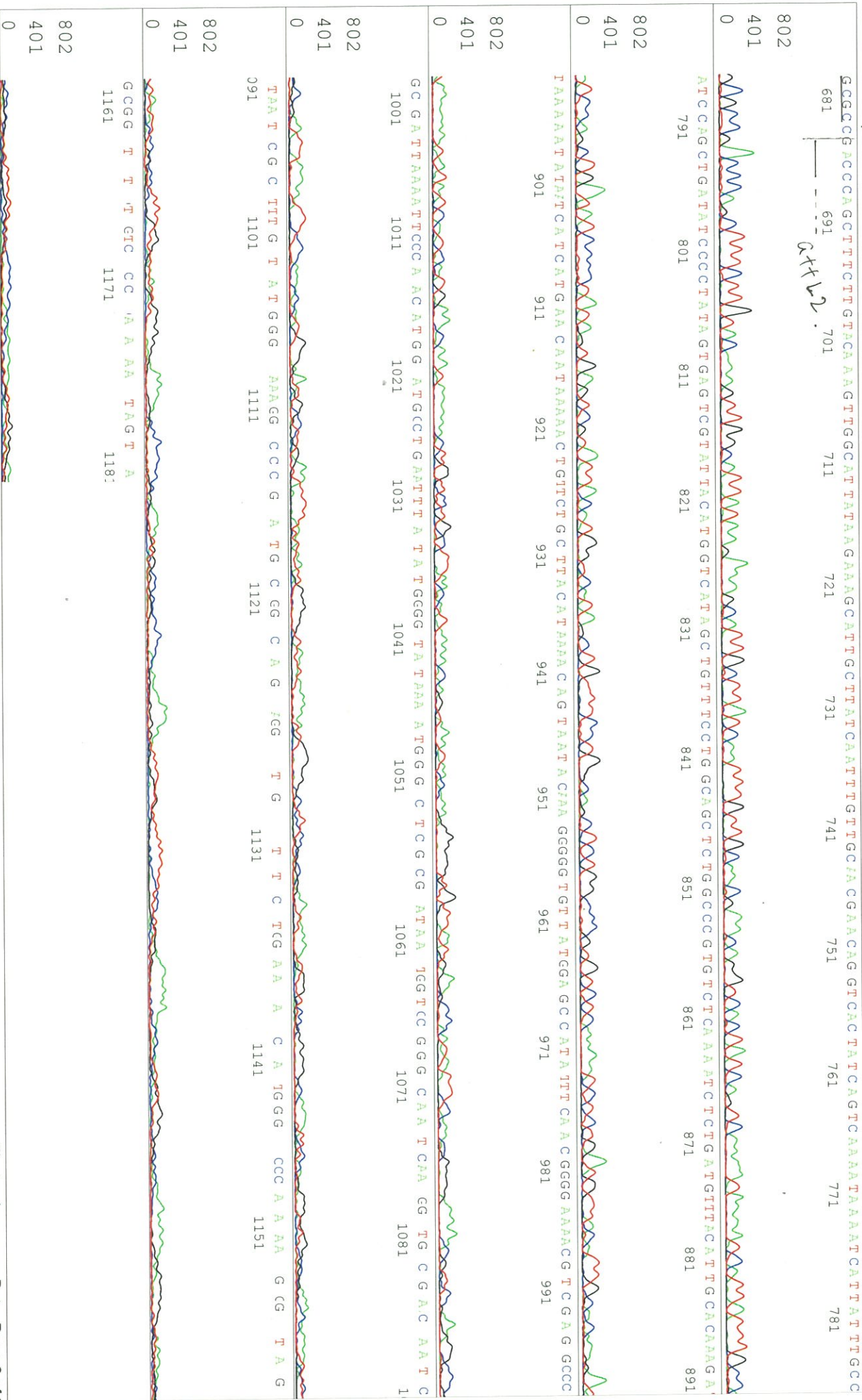
Spacing:11.83 Pts/Panel1350

Version 5.4 HiSQV Bases: 1023

Plate Name: 20130508_GNP



Printed on: Wed May 08, 2013 01:58PM, JST



S/N G:73 A:45 T:43 C:56 Primer B : T7 long
KB.bcp
KB 1.4.1.8 Cap.7
5' CGCCAAAGCTCTAATATACGACTCACTATAGGG 3'

W01A048G12_A3Du_T7long_C01_07
W01A048G12_A3Du_T7long
KB_3500_POP7_BDTv3.mob
Pis 1573 to 13350 Pk1 Loc:1573
Version 5.4 HISQV Bases: 989

Inst Model/Name 3500/3500 Instrument
May 09,2013 11:11AM, JST
May 09,2013 11:38AM, JST
Spacing:11.85 Pts/Panel1350
Plate Name: 130508_GNP_DNABANK_JCM

