

**RIKEN Clone ID : W01A026K02**

Vector : pENTR/D-TOPO

Gene	RAD21	
Accession No.	BC050381.1	3613 bp
	<i>CDS</i>	1896 bp
		1..3613
		129..2024

● Plasmid DNA purification

Date : 130225

Culture : LB (25 ug/ml Kanamycin) 5 ml -> at 37 deg C over night

Date : 130226

Purification : QIAGEN Miniprep kit -> dH<sub>2</sub>O 100 ul

● Digestion by restriction enzyme/Concentration calibration

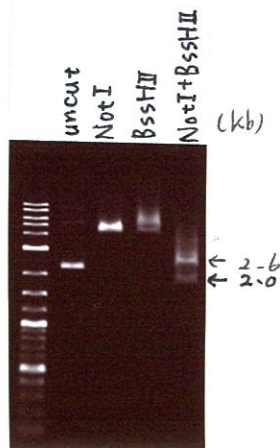
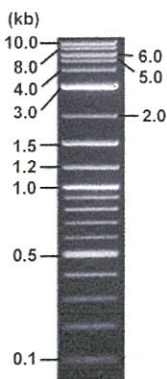
Date : 130319

DNA concentration (O.D.): 130 ng/ul

DNA	0.2	ul
Enzyme (NotI + BssHII )	0.5 + 0.5	ul
Buffer H		1 ul
dH <sub>2</sub> O	7.8	ul
Total		10 ul

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

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



<Expected size of fragment from BC050381.1 CDS>

2553, 1996 bp

● Confirmation of the insertion sequence

Date : 130227

Primer A	M13
Primer B	T7 long
Primer C	-
List of Sequencing Primers	<a href="http://dna.brc.riken.jp/en/GNPclone3en.html">http://dna.brc.riken.jp/en/GNPclone3en.html</a>

● Adjustment of DNA concentration

Shipping amount : 40 ul  
Concentration at the time of preparation of plasmid DNA : 25 ng

Date : 130314

DNA ( <u>130</u> ng/ul)	87	ul
10x TE	45.2	ul
dH <sub>2</sub> O	320.2	ul
Total	452.4	ul

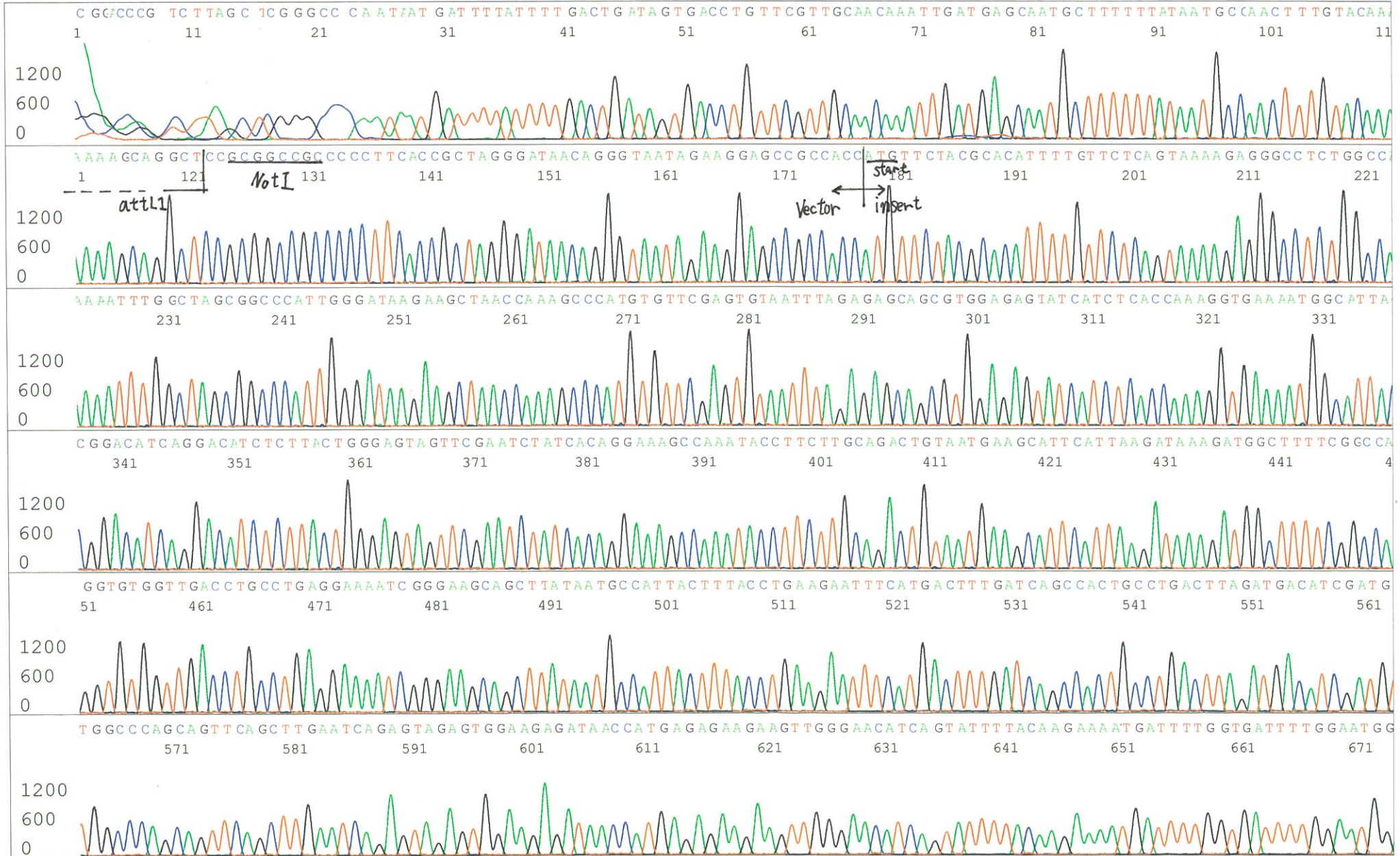


APPROVED BY :

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

S/N G:204 A:187 T:155 C:110 Primer A : M13  
KB.bcp  
KB 1.4.1.8 Cap:9

5' GTTTTCCCAGTCACGACGTTGTA 3'



S/N G:143 A:82 T:125 C:93 Primer B : T7 long

KB.bcp

KB 1.4.1.8 Cap:7

5' CGCCAAGCTCTAATACGACTCACTATAGGG 3'

