

RIKEN Clone ID : IRAL032M13

Lot#: 7566_A314

Vector : pDNR-LIB

Gene	RRAS	
Accession No.	BC016318.1	1017 bp
	<i>CDS</i>	657 bp
		1..1017
		50..706

● Plasmid DNA purification

Date : 130905

Culture : LB (25 ug/ml Chloramphenicol) 5 ml → at 37 deg C over night

Date : 130906

Purification : QIAGEN Miniprep kit → dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 130906

DNA concentration (O.D.): 72 ng/ul

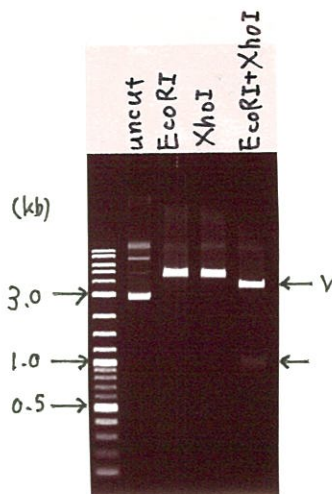
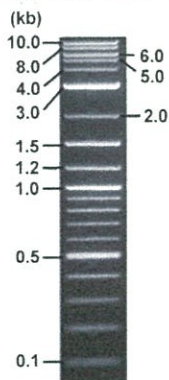
< Size of fragment expected from IRAL032M13 >

DNA	0.6	ul
Enzyme (EcoRI + XhoI)	0.5 + 0.5	ul
Buffer H		1 ul
dH ₂ O	7.4	ul
Total		10 ul

EcoRI	4969 bp
XhoI	4969 bp
EcoRI + XhoI	3919bp (Vector) 1050 bp

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Confirmation of the insertion sequence

Date : 130911

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

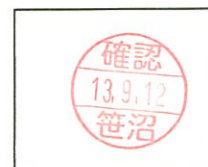
● Adjustment of DNA concentration

Shipping amount : 40 ul

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

Date : 130912

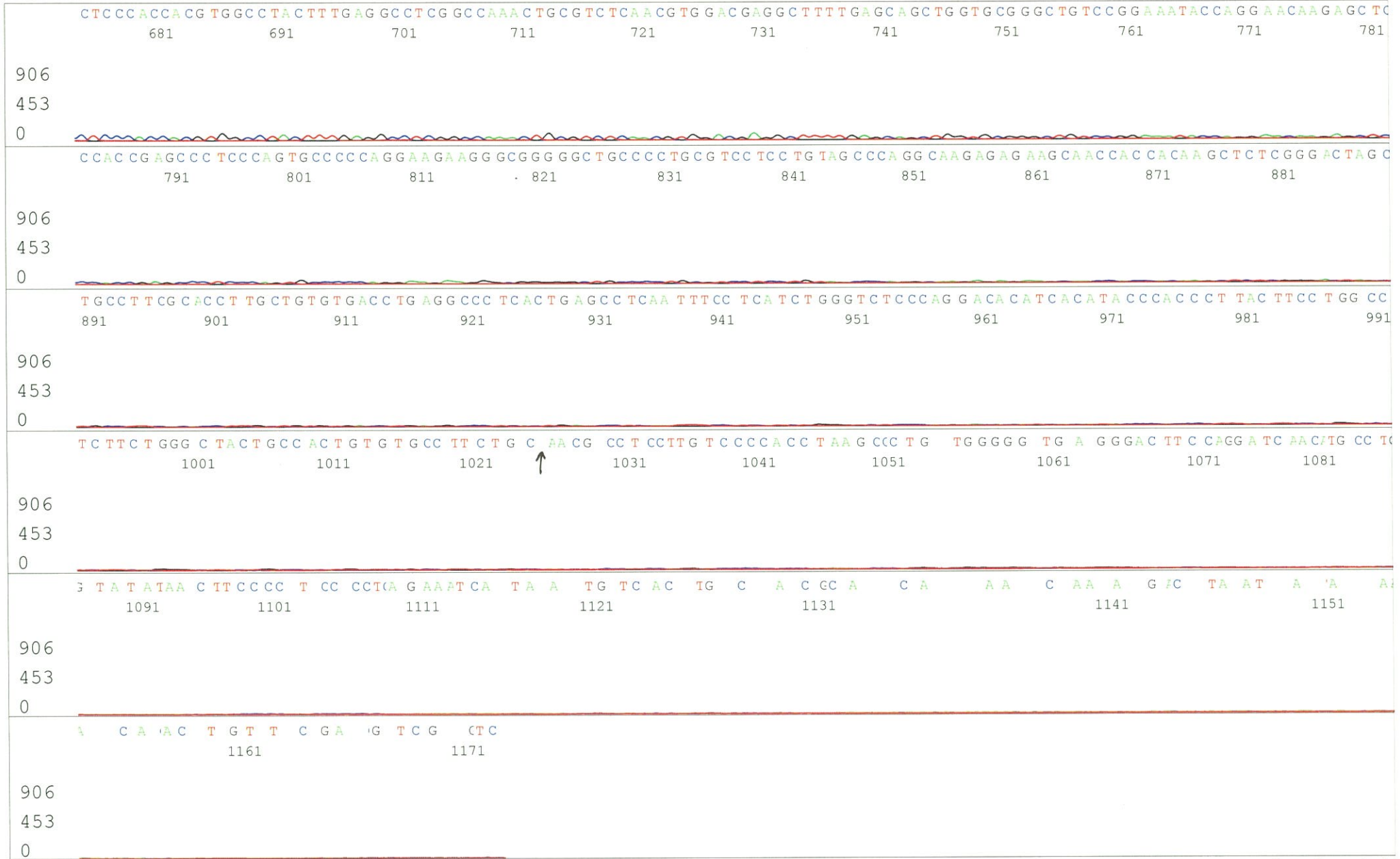
DNA (<u>72</u> ng/ul)	80.0	ul
10x TE	23.0	ul
dH ₂ O	127.4	ul
Total	230.4	ul

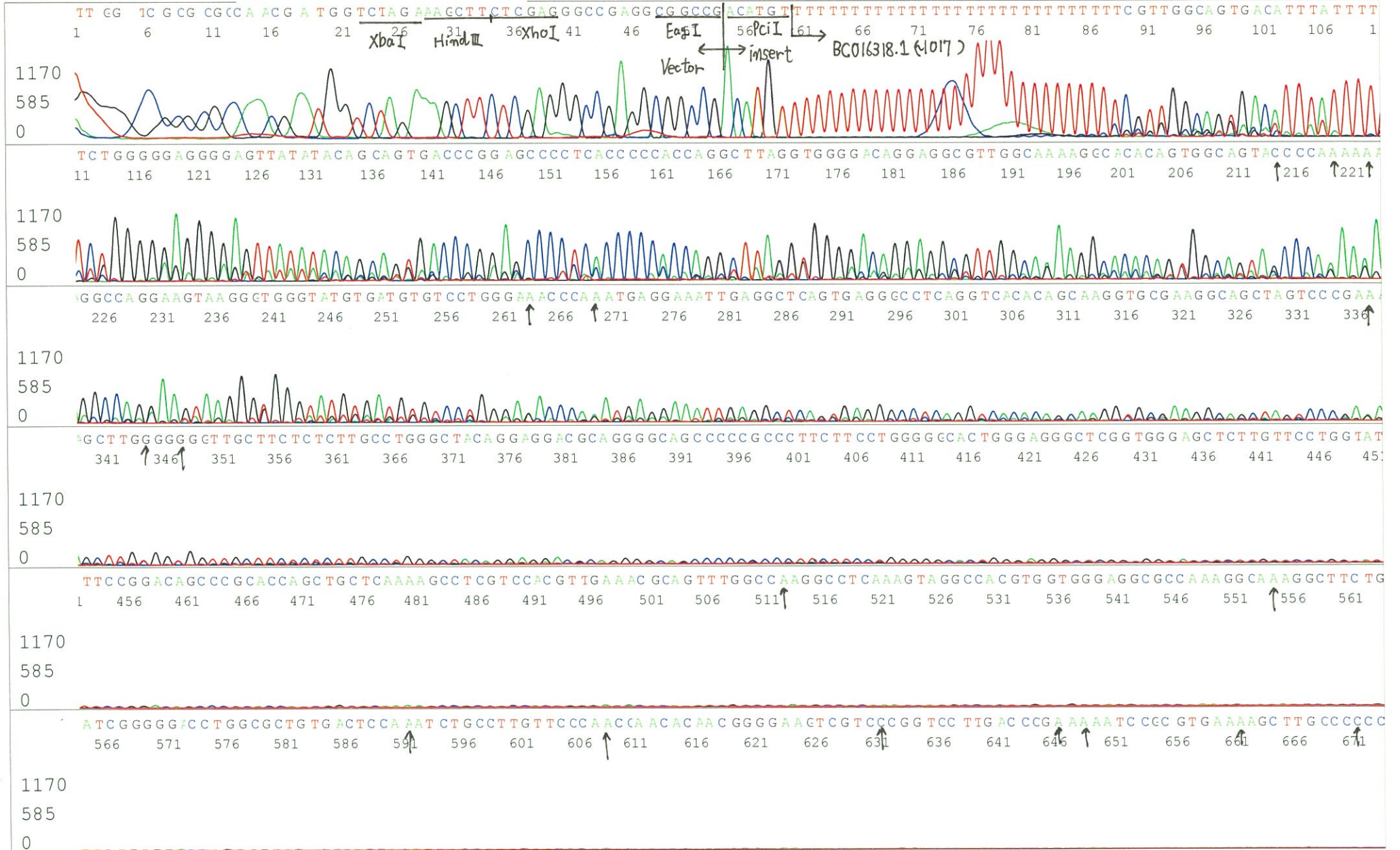


APPROVED BY :

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

S/N G:294 A:145 T:76 C:151
KB.bcp
KB 1.4.1.8 Cap:1





S/N G:262 A:156 T:117 C:126
KB.bcp
KB 1.4.1.8 Cap:4

