

RIKEN Clone ID : IRAL037H21

Lot#: 7566_A3Gb

Vector : pDNR-LIB

Gene	PSG2	
Accession No.	BC022316.1	1569 bp
	<i>CDS</i>	1008 bp
		1..1569
		100..1107

● Plasmid DNA purification

Date : 130716

Culture : LB (25 ug/ml Chloramphenicol) 10 ml -> at 37 deg C over night

Date : 130717

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 130717

DNA concentration (O.D.): 91 ng/ul

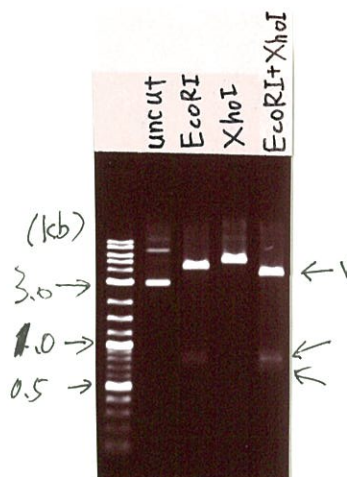
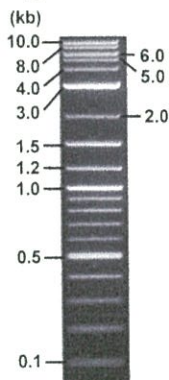
< Size of fragment expected from IRAL037H21 >

DNA	0.5	ul
Enzyme (EcoRI + XhoI)	0.5 + 0.5	ul
Buffer H	1	ul
dH ₂ O	7.5	ul
Total	10	ul

EcoRI	4675, 846 bp
XhoI	5521 bp
EcoRI + XhoI	3919bp (Vector) 846, 756 bp

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Confirmation of the insertion sequence

Date : 130719

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 : 130722

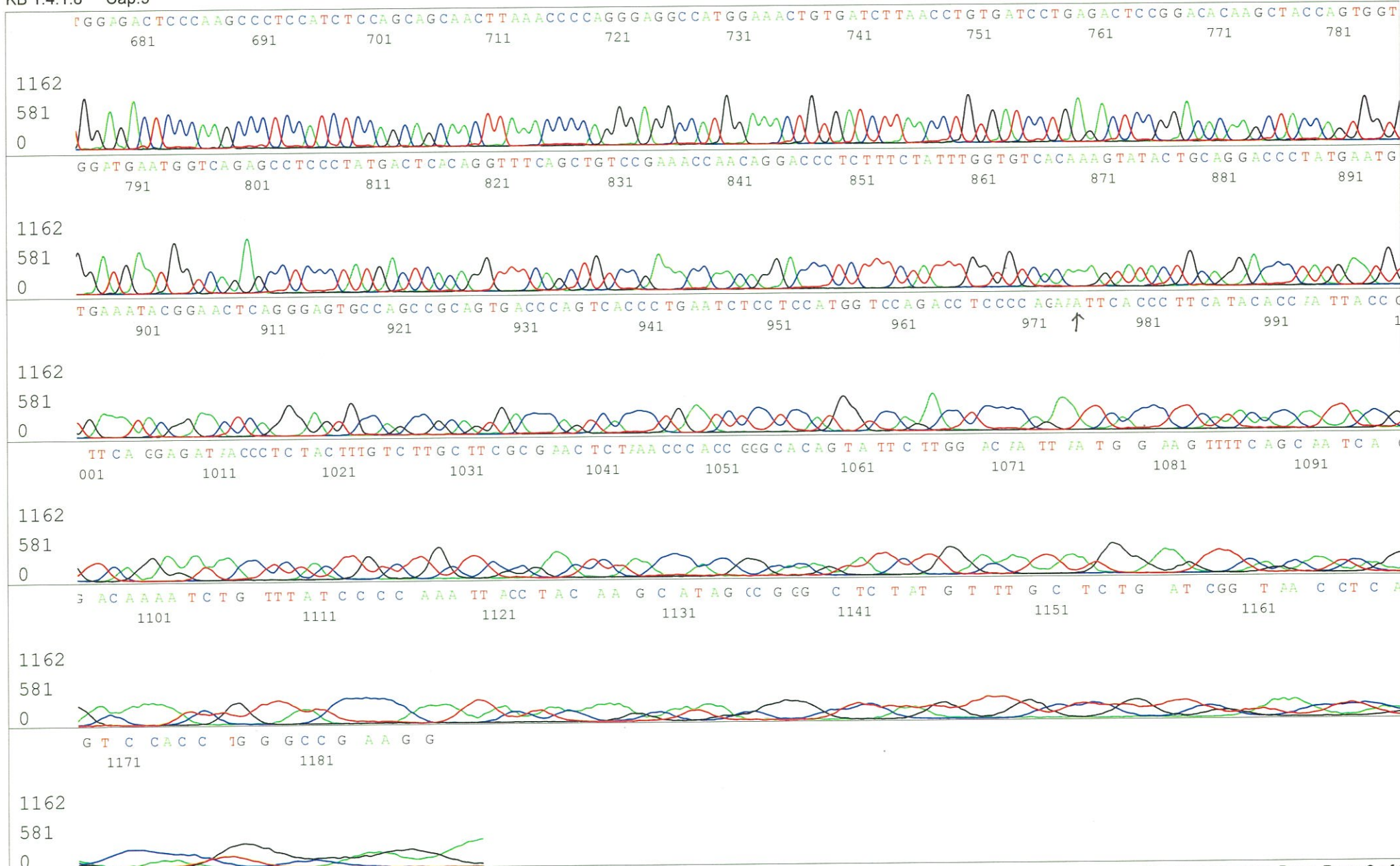
DNA (<u>91</u> ng/ul)	83.0	ul
10x TE	30.2	ul
dH ₂ O	188.9	ul
Total	302.1	ul



APPROVED BY :

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

S/N G:296 A:289 T:166 C:247
KB.bcp
KB 1.4.1.8 Cap:9



S/N G:356 A:354 T:281 C:222
KB.bcp
KB 1.4.1.8 Cap:12

