

RIKEN Clone ID : IRAL042H09

Vector : pOTB7

Gene	TLR4	
Accession No.	BC025294.1	2762 bp
	CDS	- bp

● Plasmid DNA purification

Date : 180611

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

Date : 180612

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 180612

DNA concentration (O.D.): 112 ng/ul

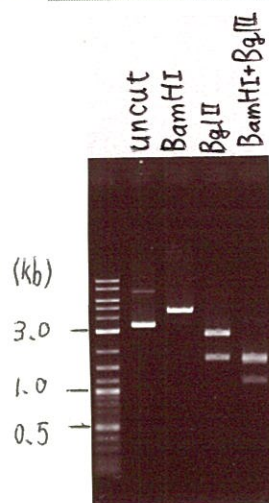
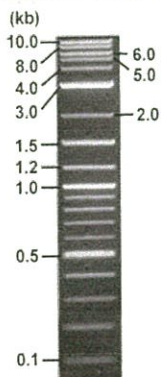
< Size of fragment expected from this clone >

DNA	0.8 ul
Enzyme (BamHI + BglII)	0.5 + 0.5 ul
Buffer H	1 ul
dH ₂ O	7.2 ul
Total	10 ul

BamHI	4.5 kb
BglII	2.7, 1.7, 0.1 kb
BamHI + BglII	1.6kb (Vector) 1.7, 1.1, 0.1 kb

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 180615

● Confirmation of the insertion sequence

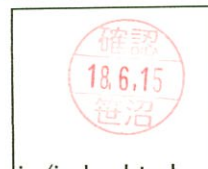
Date : 180613

DNA (<u>112</u> ng/ul)	82.0 ul
10x TE	36.7 ul
dH ₂ O	248.6 ul
Total	367.3 ul

Primer A	pOTB7_F
Primer B	pOTB7_R
Primer C	-
List of Sequencing Primers	http://dna.brc.riken.jp/en/GNPclone3en.html

● Shipping

Conc. : 25 ng/ul, Volume : 40 ul
 Conc. : ~~ng/ul~~, Volume : ~~ul~~



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

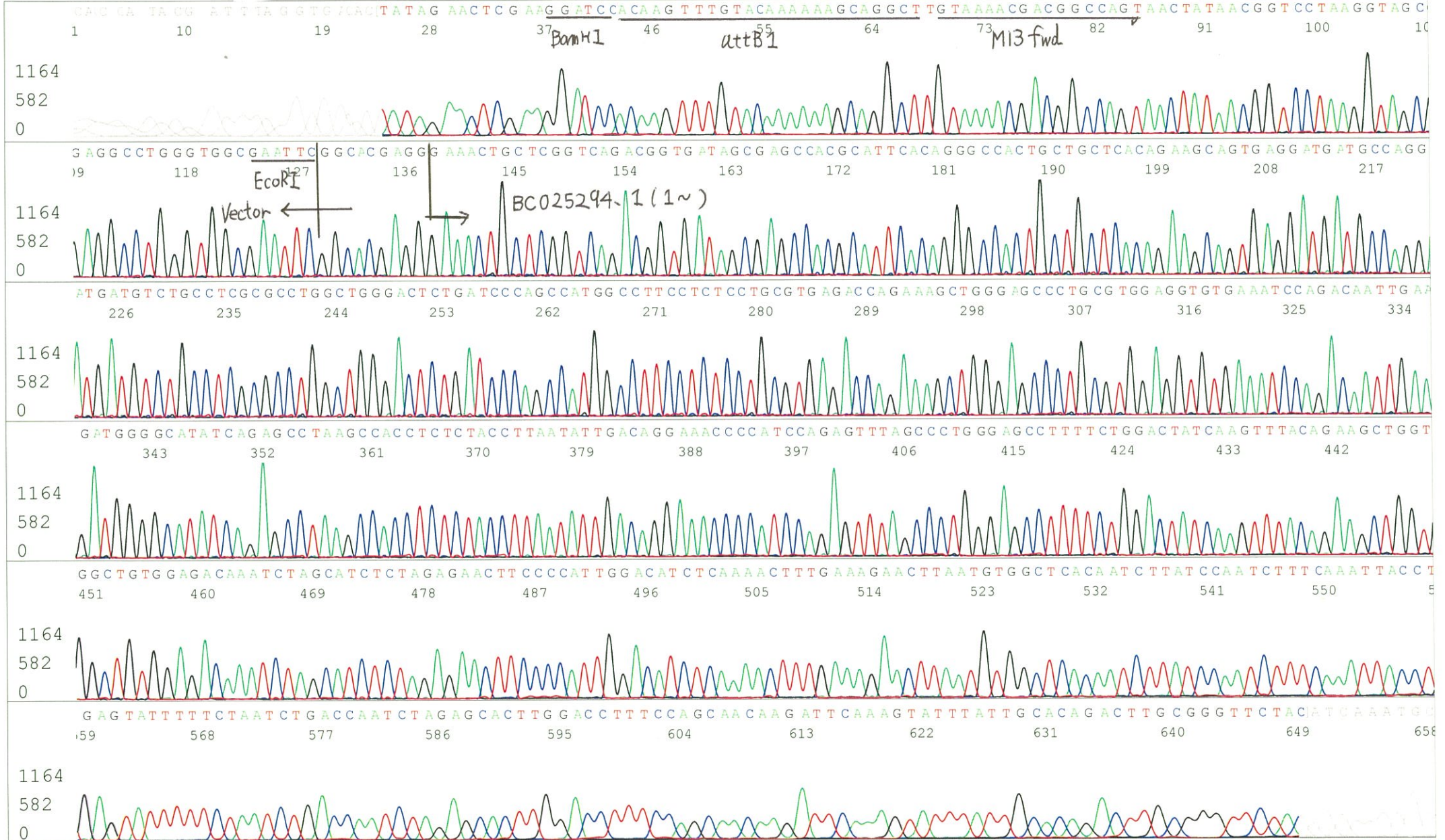
S/N G:337 A:547 T:381 C:586
KB.bcp
KB 1.4.1.8 Cap:2

Primer A: pOTB7-F
5' AACGCGGCTACAATTAATACATAACC 3'

IRAL042H09_A8F7_pOTB7_F_A02_02_ABI24
IRAL042H09_A8F7_pOTB7_F
KB_3500_POP7_BDTv3.mob
Pts 1874 to 8706 Pk1 Loc:1842
Version 6.0 HiSQV Bases: 711

Gray line indicates quality value
(QV) < 40.

Inst Model/Name 3500/3500 Instrument
Jun 13,2018 10:00AM, JST
Jun 13,2018 10:15AM, JST
Spacing:10.24 Pts/Panel1350
Plate Name: 20180613_GNP



S/N G:177 A:229 T:264 C:298
KB.bcp
KB 1.4.1.8 Cap:5

Primer B: pOTB7-R
5' GTACTGCAGCCGATTCATTAATGC 3'

Gray line indicates quality value (QV) < 40.

