

**RIKEN Clone ID : IRAK168J22**

Lot#: 7566\_A6Bp

Vector : pBluescriptR

Gene	LYN	
Accession No.	BC068551.1	3037 bp
	CDS	<1750 bp

● Plasmid DNA purification

Date : 160225

Culture : LB (100 ug/ml Ampicillin) 5 ml -> at 37 deg C over night

Date : 160226

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

● Digestion by restriction enzyme/Concentration calibration

Date : 160226

DNA concentration (O.D.): 134 ng/ul

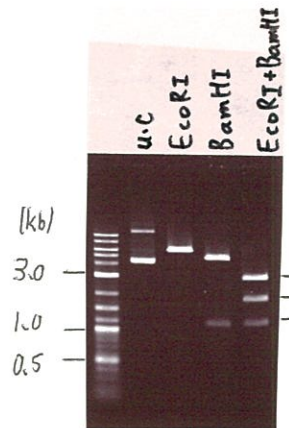
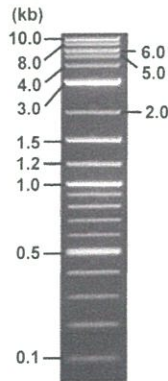
< Size of fragment expected from this clone >

DNA	0.7	ul
Enzyme (EcoRI + BamHI)	0.5 + 0.5	ul
Buffer H	1	ul
dH <sub>2</sub> O	7.3	ul
Total	10	ul

EcoRI	5.9 kb
BamHI	4.7 , 1.2 kb
EcoRI + BamHI	2.8kb (Vector)      1.9, 1.2 kb

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 160229

DNA ( 134 ng/ul)	83.0	ul
10x TE	44.5	ul
dH <sub>2</sub> O	317.4	ul
Total	444.9	ul

● Confirmation of the insertion sequence

Date : 160229

Primer A	T7
Primer B	Reverse2
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>

● Shipping

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

Conc. : \_\_\_\_\_ ng/ul, Volume : \_\_\_\_\_ ul

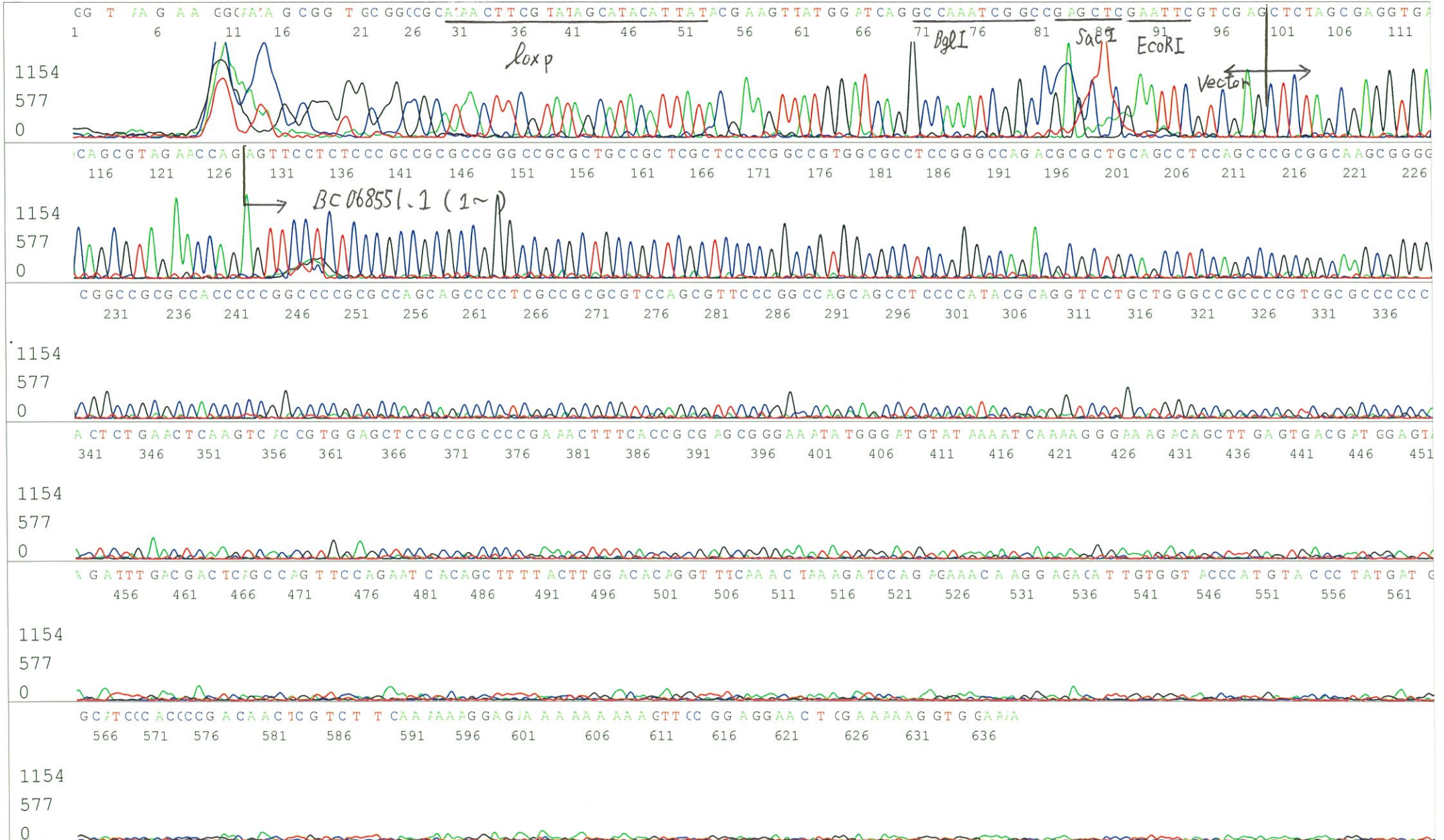
APPROVED BY :

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



S/N G:17 A:11 T:11 C:16  
KB.bcp  
KB 1.4.1.8 Cap:11

Primer A : T7  
5' TAATACGACTCACTATAGGG 3'





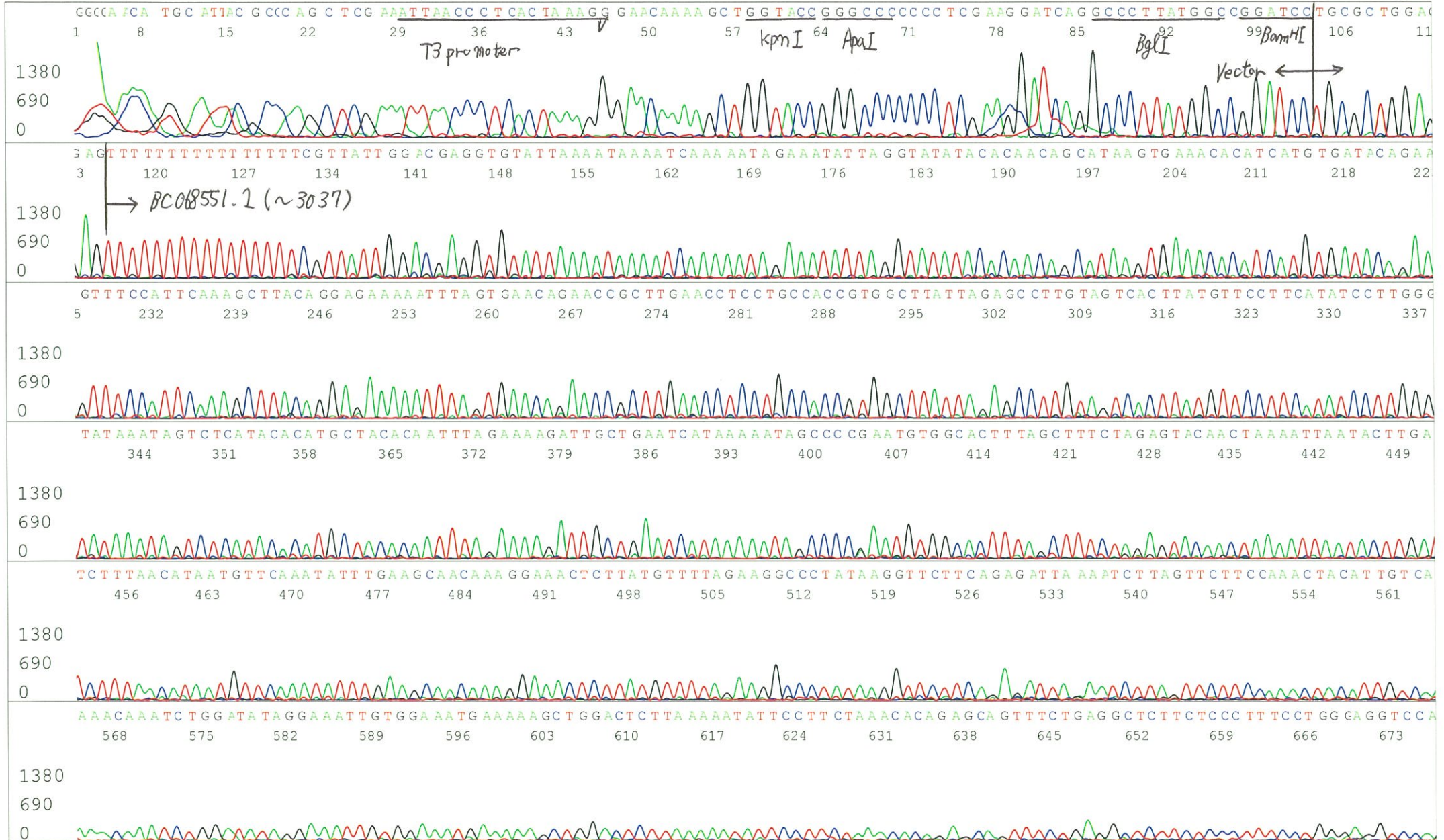


S/N G:21 A:18 T:20 C:15  
KB.bcp  
KB 1.4.1.8 Cap:14

Primer B : Reverse2  
5' GCGGATAACAATTTTCACACAGG 3'

IRAK168J22\_A6Bp\_Reverse2\_E02\_14  
IRAK168J22\_A6Bp\_Reverse2  
KB\_3500\_POP7\_BDTv3.mob  
Pts 1382 to 13187 Pk1 Loc:1359  
Version 6.0 HiSQV Bases: 821

Inst Model/Name 3500/3500 Instrument  
Feb 29,2016 09:51AM, JST  
Feb 29,2016 10:30AM, JST  
Spacing:11.62 Pts/Panel1350  
Plate Name: 20160229\_mix



S/N G:21 A:18 T:20 C:15  
KB.bcp  
KB 1.4.1.8 Cap:14

