

RIKEN clone ID: IRAK073E05

Vector : pBluescriptR

Gene	YY1	
Accession No.	BC037308.1	2241 bp
	<i>CDS</i>	1245 bp
		113..1357

● Plasmid DNA purification

Date : 100413 Culture : LB (100 ug/ml Ampicillin) 3 ml → 37°C O/N

Date : 100414 Purification : QIAGEN Miniprep kit → dH₂O 100 ul

● Digestion by restriction enzyme / Concentration calibration

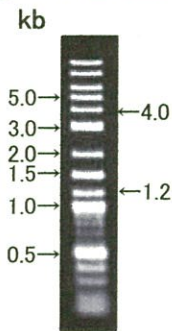
Date : 100414

DNA concentration (O.D.): 92.92 ng/ul

DNA	1	ul
Enzyme (Sac II + KpnI)	0.5+0.5	ul
Buffer L	1	ul
dH ₂ O	7	ul
Total	10	ul

Electrophoresis: 1% agarose gel, 1 × TAE Buffer

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



<Expected digestion pattern from BC037308.1 >

2862, 171, 2198 bp

● Adjust plasmid DNA solution to 25 ng/ul ~preparation for shipping~

Date : 100419

Final concentration: 25 ng/ul

DNA (<u>92.92</u> ng/ul)	<u>82</u>	ul
10 × TE	<u>30.5</u>	ul
dH ₂ O	<u>192.3</u>	ul
Total	<u>304.8</u>	ul

S/N G:147 A:219 T:65 C:196

Primer A : T7

7566_IRAK073E05_100414_T7

Oct 18,2022 01:41PM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

Gray line indicates quality value

Oct 18,2022 02:08PM, JST

KB 1.4.1.8 Cap:20

5' TAATACGACTCACTATAGGG 3'

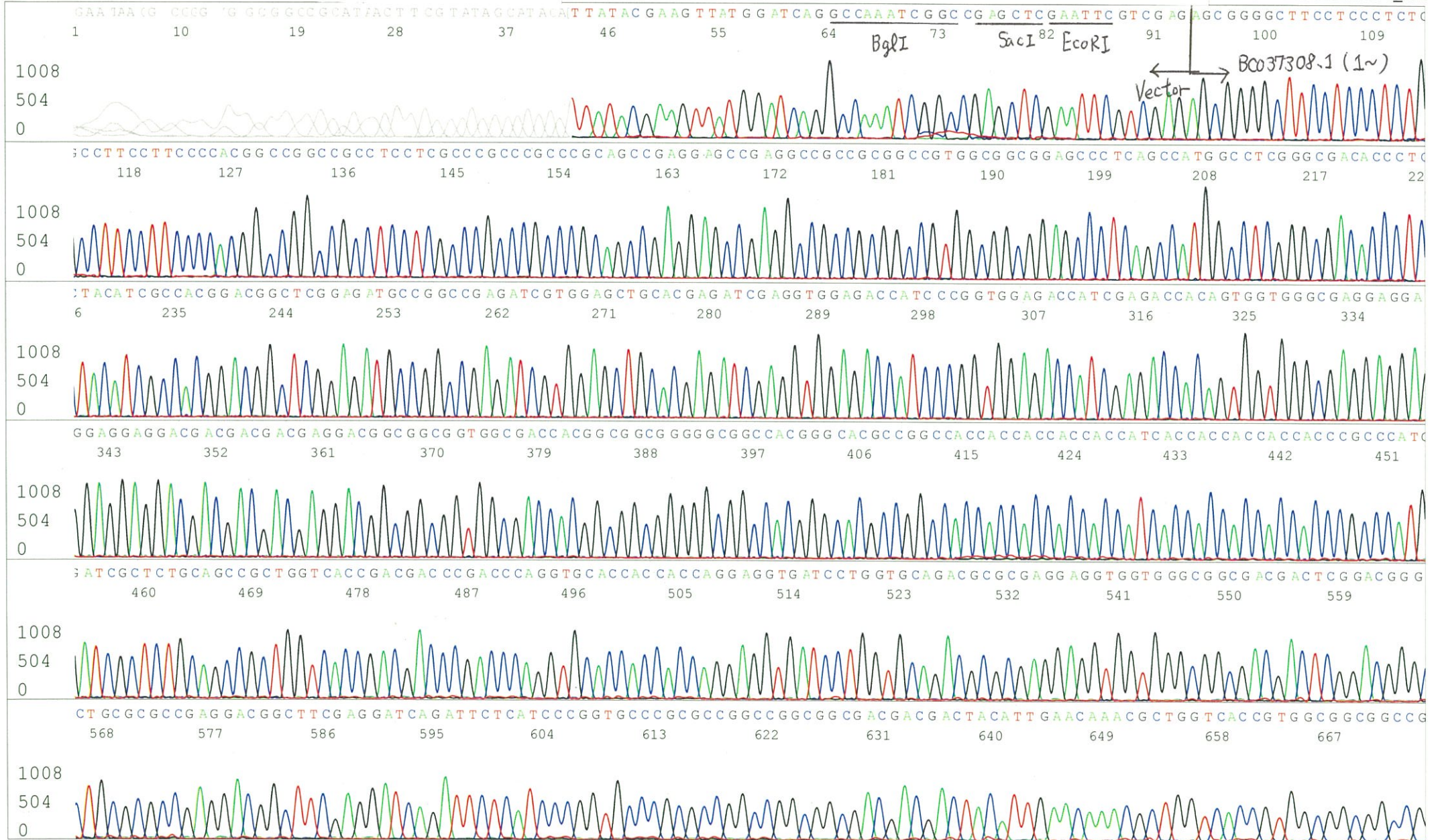
Pts 1487 to 13105 Pk1 Loc:1464

(QV) < 40.

Spacing:11.75 Pts/Panel1350

Version 6.0 HiSQV Bases: 897

Plate Name: 20221018_mix



S/N G:182 A:344 T:197 C:187 Primer B : Reverse2

7566_IRAK073E05_100414_Reverse2

Oct 18,2022 01:41PM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

Gray line indicates quality value

Oct 18,2022 02:08PM, JST

KB 1.4.1.8 Cap:23

5' GCGGATAACAATTTTCACACAGG 3'

Pts 1464 to 13263 Pk1 Loc:1441

(QV) < 40.

Spacing:11.88 Pts/Panel1350

Version 6.0 HiSQV Bases: 888

Plate Name: 20221018_mix

